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 Co., PA

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

Name: Sean K. Patrick, PG Phone: 919-772-5393

E-mail: spatrick@mesco.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Wayne County Subtitle D Lined MSWLF	460-B South Landfill Road Dudley, NC 28333	96-06	.1600	August 4-6, 2009

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.

Sean K. Patrick, PG — Facility Representative Name (Print)

Project Manager / Hydrogeologist — Title

919-772-5393 — (Area Code) Telephone Number

Signature

11/12/09 — Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1776 GEOLOGIST SEAN K. PATRICK

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

CIVIL/SANITARY/ENVIRONMENTAL ENGINEERS
SOLID WASTE MANAGEMENT
Municipal Services
Engineering Company, P.A.
SITE PLANNING/SUBDIVISIONS
SUBSURFACE UTILITY ENGINEERING (SUE)

November 17, 2009

Ms. Jaclynne Drummond
Solid Waste Section
Division of Waste Management
North Carolina Department of Environment and Natural Resources
401 Oberlin Road, Suite 150
Raleigh, NC 27605

Re: Groundwater Sampling and Statistical Analysis
Wayne County Subtitle D Lined MSWLF, Dudley
Permit No. 96-06
MESCO Project No. G09016.0

Dear Ms. Drummond:

Municipal Engineering Services Company, P.A. (MESCO) has performed semi-annual sampling and monitoring activities at the Wayne County Subtitle D Municipal Solid Waste Landfill (MSWLF) located in Dudley, NC. The following report summarizes sampling procedures and activities performed, and presents conclusions based on field observations and laboratory analytical results. The site location is depicted in **Plate 1** (attached).

The active Subtitle D MSWLF consists of two lined phases, Phase 1 and 2. Phase 1 is inactive while Phase 2 is currently active. The site is monitored under 15A NCAC 13B.1600. The monitoring well network consists of thirteen (13) groundwater monitoring wells, four (4) surfacewater sampling locations, and five (5) leachate sampling locations. This report includes a summary of field procedures, laboratory analysis, tables and graphs of current/historical data, potentiometric map, and the complete laboratory analytical report.

Sampling Procedure

Semi-annual sampling and monitoring activities were performed by MESCO personnel on August 4-6, 2009. Detection monitoring was performed on all monitoring wells (MW-1 through MW-13), and on the four surfacewater samples (SW-2 through SW-5). Groundwater and surfacewater sampling locations are depicted on the potentiometric surface map attached as **Plate 2**.

Groundwater and surfacewater samples were collected in accordance with the procedures outlined in the *Ground and Surfacewater Sampling and Analysis Plan* for the facility. Prior to purging, static groundwater depths were measured in each well using an electronic water level indicator accurate to 0.01-foot.

Groundwater quality parameters including pH, oxidation-reduction potential (ORP), specific conductivity, temperature, dissolved oxygen (DO), total dissolved solids (TDS), dissolved carbon

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PO Box 828, Morehead City, NC 28557 (252) 726-9481
PO Box 349, Boone, NC 28607 (828) 262-1767

dioxide, and turbidity were measured, and are summarized in **Table 4** (attached). Disposable nitrile gloves were worn by the field technician to minimize the risk of sample cross-contamination and to limit exposure to groundwater contaminants. Monitoring wells were purged prior to sampling using low-flow sampling techniques. Groundwater samples were collected using individual disposable polyethylene bailers to minimize the risk of cross-contamination between wells. Groundwater samples were transferred to laboratory-prepared, method-specific containers, and placed in ice-filled coolers to chill the samples to approximately 4°C. The samples were transported by laboratory courier under proper chain-of-custody (COC) to Pace Analytical Laboratories (Huntersville, NC) an NCDENR-certified laboratory. All groundwater samples were analyzed for the complete list of Appendix I parameters. A copy of the complete laboratory analytical report including COC form is attached.

Groundwater Flow

Groundwater elevations were calculated by subtracting the groundwater depth measurements from the respective wellhead elevations, and contoured to derive the potentiometric surface map attached as **Plate 2**. Groundwater flow in the unconfined and upper bedrock water-bearing zones was in a general westerly direction over hydraulic gradients varying from approximately 0.001 to 0.02 feet/foot. Groundwater velocities calculated for wells MW-1 through MW-13 ranged from 0.5 ft/yr (MW-7) to 101 ft/yr (MW-13), with a geometric mean of 14 ft/yr and a median of 24 ft/yr. Groundwater flow directions and hydraulic gradients observed during the recent sampling event were consistent with those observed historically. Groundwater flow data is presented in the attached **Table 3**.

Laboratory Analytical Results

Groundwater Samples
Laboratory analyses did not detect VOC concentrations in levels exceeding 2L Standards or SWSLs in any of the groundwater samples. Cadmium was found to exceed the 2L Standard in the samples collected from wells MW-6, MW-8, and MW-12. Vanadium was found to exceed the 2L Standard in the samples collected from MW-1 (background well) and MW-8. The presence of cadmium and vanadium is considered to be of natural origin. **Table 1** (attached) summarizes exceedances of 2L, 2B, SWSL, and Groundwater Protection Standards (GWPs). **Table 2** summarizes all compound concentrations detected above method detection limits. Time-series graphs and box plots depicting trends of select constituents are also attached.

Surfacewater Samples
Laboratory analyses did not detect metals concentrations in levels exceeding the 2B Standards in any of the surfacewater samples. VOC concentrations were not detected above method detection limits in any of the surfacewater samples.

Leachate Samples
Leachate samples were obtained from the leachate lagoon (LE-1), the forcemain of the Phase 2 landfill sump (LE-2), the north sump of phase 1 (LS4), the south sump of Phase 1 (LS5), and the south sump of Phase 2 (LS6). All leachate samples were analyzed for the required leachate specific list including Appendix I constituents. Laboratory analysis of the leachate samples detected VOCs above applicable SWSLs including benzene, 1,4-dichlorobenzene, 1,2-dichloroethane, 1,2-dichloropropane, and vinyl chloride. Metals concentrations above the SWSLs were also detected. The results of the leachate laboratory analyses are summarized in **Tables 5** and **6**.

Discussion and Conclusions

The absence of VOC concentrations in the groundwater and surfacewater samples indicates that ground and surfacewater in the vicinity of the Subtitle D landfill have not been impacted by landfill activities. The elevated levels of cadmium in wells MW-6, MW-8, and MW-12 appear to be statistical outliers.

Semi-annual sampling and monitoring will be continued at the facility. The next sampling event is scheduled for performance in February 2010. Please do not hesitate to contact me at (919) 772-5393 or spatrick@mesco.com if you have any questions or comments regarding either this report.

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

Sean K. Patrick, L.G.
Project Manager / Hydrogeologist

Enclosures
cc: Mr. Tim Rogers, Wayne County

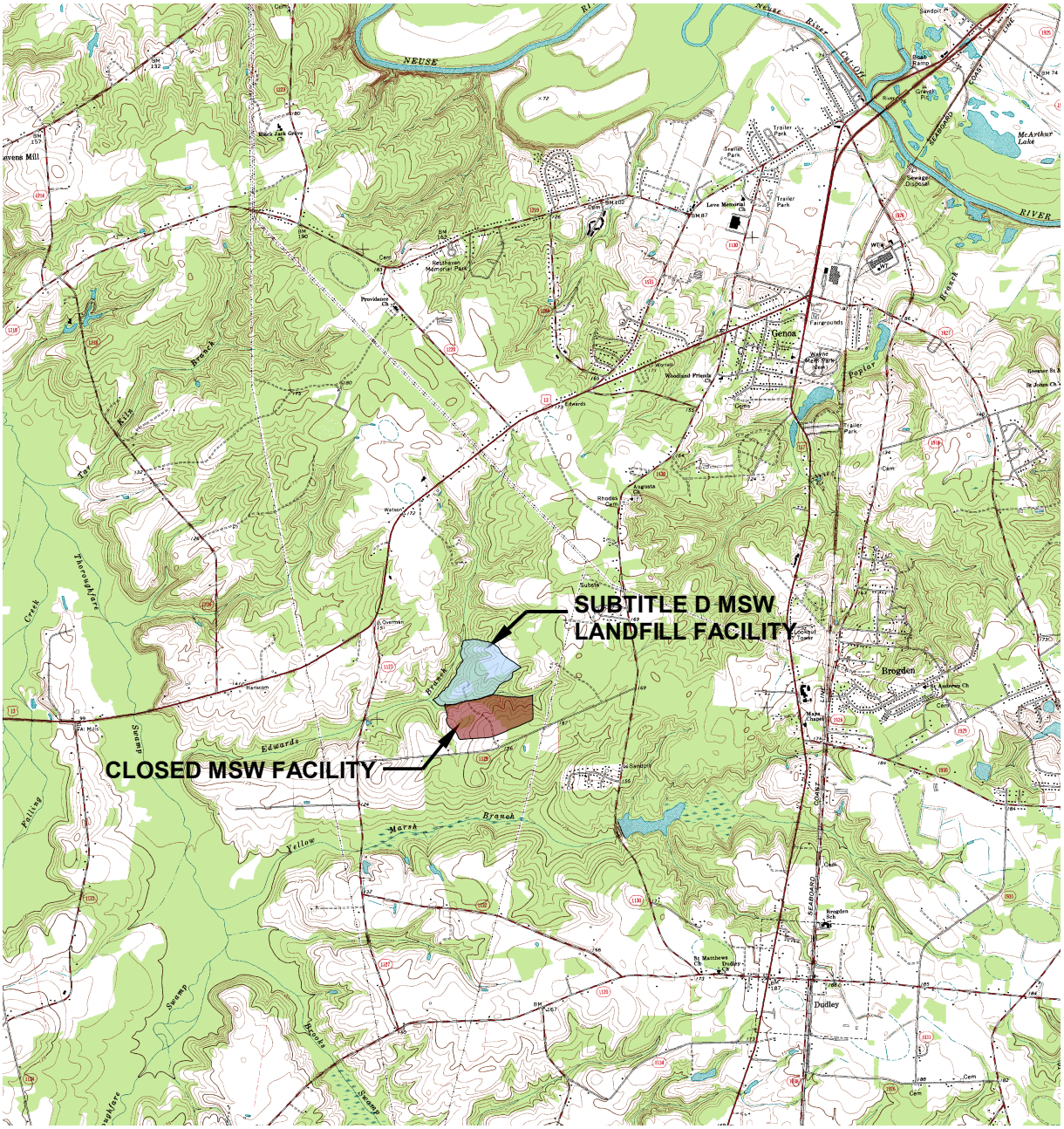
PLATE 1

Topographic Map with Site Location

Date Completed	06/18/2007
Created By	M. German
Project Name	Corrective Action Plan
Site Name	Wayne County Dudley
Project Number	

Municipal Engineering Services Company, PA

Wayne County Dudley



QUADRANGLE LEGEND

1 0 1 MILE

ROAD CLASSIFICATION

Primary highway, hard surface

Light-duty road, hard or improved surface

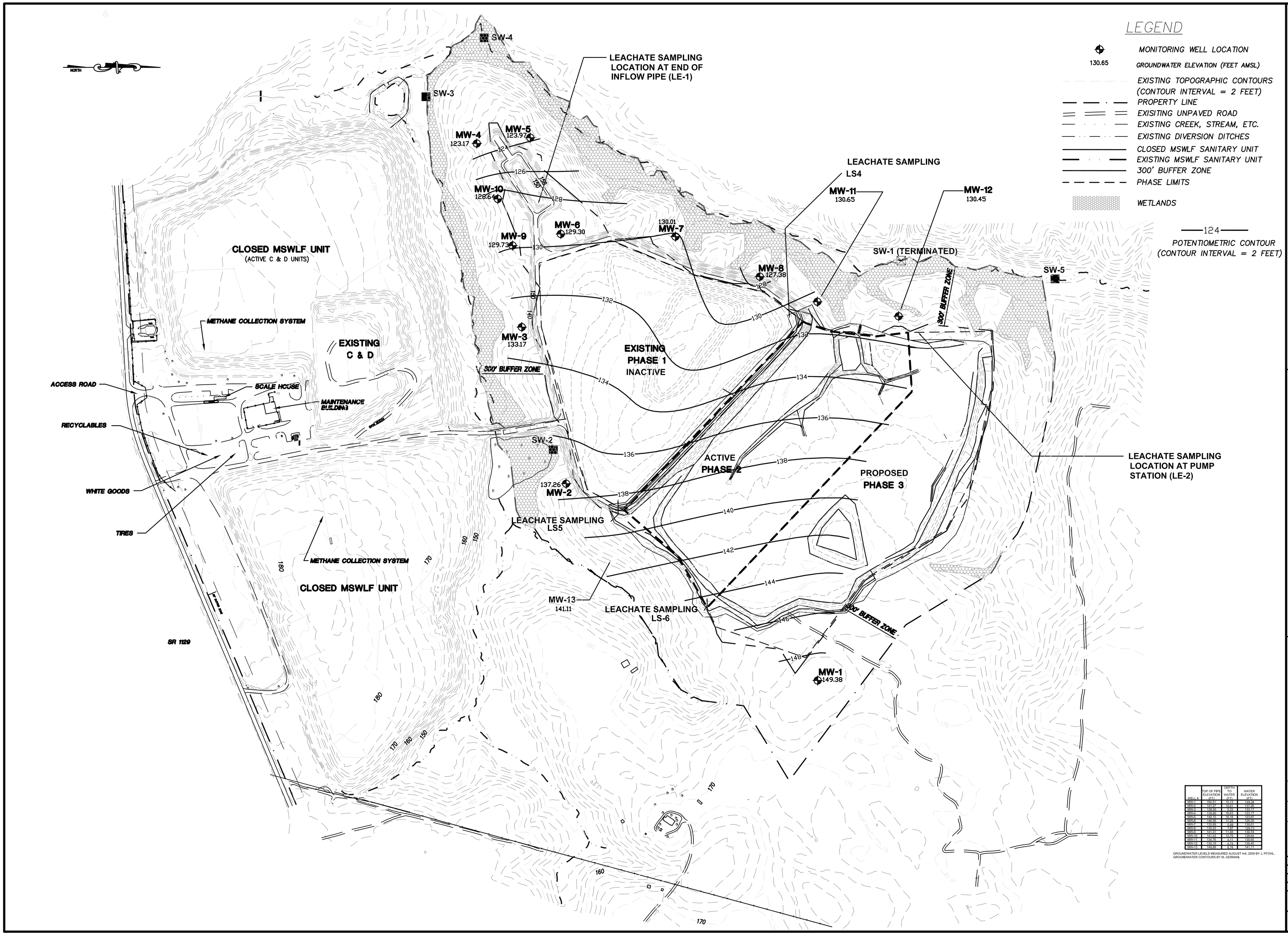
Secondary highway, hard surface

Unimproved road

Interstate Route

U. S. Route

State Route



WELL #	TOP OF PIPE ELEVATION (FT)	DEPTH TO WATER (FT)	WATER ELEVATION (FT)
MW-1	154.51	5.13	149.38
MW-2	142.77	15.51	137.26
MW-3	138.60	5.43	133.17
MW-4	128.60	5.43	123.17
MW-5	129.15	5.18	123.97
MW-6	134.58	5.28	129.30
MW-7	135.62	5.61	130.01
MW-8	133.67	6.29	127.38
MW-9	135.51	5.78	129.73
MW-10	134.43	5.79	128.64
MW-11	135.76	5.11	130.65
MW-12	135.16	4.71	130.45
MW-13	145.65	4.54	141.11

GROUNDWATER LEVELS MEASURED AUGUST 4-6, 2009 BY J. PFOHL.
GROUNDWATER CONTOURS BY M. GERMANI.

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P.O. BOX 349 BOONE, N.C. 28607 (828) 262-1767
LICENSE NUMBER: C-0891

SUBTITLE D LINED MSWLF LANDFILL FACILITY
WAYNE COUNTY NORTH CAROLINA

1-26-96	CHS/JH	1	BASEMAP CREATED
	BY	REV.	DESCRIPTION

POTENTIOMETRIC SURFACE MAP (AUGUST 4-6, 2009)

SCALE:	1" = 200'
DATE:	11/13/09
DRWN. BY:	S. PATRICK
CHKD. BY:	S. PATRICK
PROJECT NUMBER	G09016
DRAWING NO.	PLATE 2
SHEET NO.	1 OF 1

Table 1
Detection Scan All Detections above SWSL, GWP, 2L, or 2B at Monitoring Wells and Surface Water Locations
Wayne County Subtitle D Lined MSWLF

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance	Preliminary Cause
MW-1	Chromium	8/4/09	21.6	µg/L	0.4	10	50				
MW-1	**Vanadium**	**8/4/09**	**48.2**	**µg/L**	**0.2**	**25**			**3.5**	**44.7**	**Natural**
MW-1	Zinc	8/4/09	13.4	µg/L	0.4	10	1050				
MW-6	**Cadmium**	**8/6/09**	**3.3**	**µg/L**	**0.5**	**1**	**1.75**			**1.55**	
MW-6	Zinc	8/6/09	20.2	µg/L	0.4	10	1050				
MW-7	Zinc	8/6/09	11.5	µg/L	0.4	10	1050				
MW-8	**Cadmium**	**8/5/09**	**3.9**	**µg/L**	**0.5**	**1**	**1.75**			**2.15**	
MW-8	**Vanadium**	**8/5/09**	**5.2[j]**	**µg/L**	**0.2**	**25**			**3.5**	**1.7**	**Natural**
MW-8	Zinc	8/5/09	34.9	µg/L	0.4	10	1050				
MW-9	Cadmium	8/5/09	1.1	µg/L	0.5	1	1.75				
MW-10	Cadmium	8/5/09	1.1	µg/L	0.5	1	1.75				
MW-12	**Cadmium**	**8/5/09**	**5.1**	**µg/L**	**0.5**	**1**	**1.75**			**3.35**	
MW-12	Zinc	8/5/09	16.3	µg/L	0.4	10	1050				

[1] Table contains all constituents detected above SWSL, GWP, NCGW2L, or NCSW2B
[2] MDL = Method Detection Limit
[3] SWSL = Solid Waste Section Reporting Limit (Current as of Sampling Event)
[4] 2L = North Carolina Ground Water 2L Standard (Current as of Sampling Event)
[5] 2B = North Carolina Surface Water 2B Standard for Specific Stream Classification (Current as of Sampling Event)
[6] GWP = Groundwater Protection Standard (Current as of Sampling Event)
LFG = Landfill Gas
NE = Not Established
BOLD = Concentration ≥ GWP, 2L, or 2B Standard (Current as of Sampling Event)

Table 2
Detection Scan All Detections Reported by Laboratory from Monitoring Wells and Surface Water Locations
Wayne County Subtitle D Lined MSWLF

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance	Preliminary Cause
MW-1	Nickel	8/4/09	1.7	µg/L	1.7	50	100				
MW-1	Chromium	8/4/09	21.6	µg/L	0.4	10	50				
MW-1	Selenium	8/4/09	4.6	µg/L	3.8	10	50				
MW-1	Arsenic	8/4/09	6.8	µg/L	2.7	10	50				
MW-1	Copper	8/4/09	3.6	µg/L	0.3	10	1000				
MW-1	Lead	8/4/09	5.2	µg/L	4	10	15				
MW-1	Barium	8/4/09	23.4	µg/L	0.2	100	2000				
MW-1	Zinc	8/4/09	13.4	µg/L	0.4	10	1050				
MW-1	**Vanadium**	**8/4/09**	**48.2**	**µg/L**	**0.2**	**25**			**3.5**	**44.7**	**Natural - Background**
MW-1	Beryllium	8/4/09	0.35	µg/L	0.1	1			4		
MW-2	Barium	8/6/09	19.8	µg/L	0.2	100	2000				
MW-2	Copper	8/6/09	0.34	µg/L	0.3	10	1000				
MW-2	Zinc	8/6/09	6.7	µg/L	0.4	10	1050				
MW-2	Vanadium	8/6/09	2.2	µg/L	0.2	25			3.5		
MW-2	Chromium	8/6/09	2.3	µg/L	0.4	10	50				
MW-2	Carbon disulfide	8/6/09	2.4	µg/L	1.2	100	700				
MW-2	Acetone	8/6/09	12.2	µg/L	2.2	100	700				
MW-2	Cobalt	8/6/09	8.5	µg/L	0.6	10			70		
MW-3	Barium	8/5/09	21.6	µg/L	0.2	100	2000				
MW-3	Chromium	8/5/09	3.4	µg/L	0.4	10	50				
MW-3	Cobalt	8/5/09	6.7	µg/L	0.6	10			70		
MW-3	Copper	8/5/09	2.2	µg/L	0.3	10	1000				
MW-3	Vanadium	8/5/09	2.5	µg/L	0.2	25			3.5		
MW-3	Zinc	8/5/09	8.8	µg/L	0.4	10	1050				
MW-4	Barium	8/6/09	30	µg/L	0.2	100	2000				
MW-4	Beryllium	8/6/09	0.11	µg/L	0.1	1			4		
MW-4	Chromium	8/6/09	0.59	µg/L	0.4	10	50				
MW-4	Copper	8/6/09	0.63	µg/L	0.3	10	1000				
MW-4	Vanadium	8/6/09	1.2	µg/L	0.2	25			3.5		
MW-4	Zinc	8/6/09	6.2	µg/L	0.4	10	1050				
MW-5	Barium	8/6/09	30.2	µg/L	0.2	100	2000				
MW-5	Beryllium	8/6/09	0.12	µg/L	0.1	1			4		
MW-5	Vanadium	8/6/09	0.29	µg/L	0.2	25			3.5		
MW-5	Zinc	8/6/09	6.7	µg/L	0.4	10	1050				
MW-6	Barium	8/6/09	25.4	µg/L	0.2	100	2000				
MW-6	Beryllium	8/6/09	0.13	µg/L	0.1	1			4		
MW-6	**Cadmium**	**8/6/09**	**3.3**	**µg/L**	**0.5**	**1**	**1.75**			**1.55**	
MW-6	Copper	8/6/09	1	µg/L	0.3	10	1000				
MW-6	Vanadium	8/6/09	0.37	µg/L	0.2	25			3.5		
MW-6	Zinc	8/6/09	20.2	µg/L	0.4	10	1050				

Table 2
Detection Scan All Detections Reported by Laboratory from Monitoring Wells and Surface Water Locations
Wayne County Subtitle D Lined MSWLF

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance	Preliminary Cause
MW-7	Barium	8/6/09	41.4	µg/L	0.2	100	2000				
MW-7	Beryllium	8/6/09	0.12	µg/L	0.1	1			4		
MW-7	Cadmium	8/6/09	0.68	µg/L	0.5	1	1.75				
MW-7	Chromium	8/6/09	0.58	µg/L	0.4	10	50				
MW-7	Cobalt	8/6/09	5.5	µg/L	0.6	10			70		
MW-7	Copper	8/6/09	0.81	µg/L	0.3	10	1000				
MW-7	Vanadium	8/6/09	1.2	µg/L	0.2	25			3.5		
MW-7	Zinc	8/6/09	11.5	µg/L	0.4	10	1050				
MW-8	Barium	8/5/09	26.3	µg/L	0.2	100	2000				
MW-8	Beryllium	8/5/09	0.32	µg/L	0.1	1			4		
MW-8	**Cadmium**	**8/5/09**	**3.9**	**µg/L**	**0.5**	**1**	**1.75**			**2.15**	
MW-8	Chromium	8/5/09	3.8	µg/L	0.4	10	50				
MW-8	Cobalt	8/5/09	2.4	µg/L	0.6	10			70		
MW-8	Copper	8/5/09	3	µg/L	0.3	10	1000				
MW-8	Nickel	8/5/09	4	µg/L	1.7	50	100				
MW-8	**Vanadium**	**8/5/09**	**5.2[j]**	**µg/L**	**0.2**	**25**			**3.5**	**1.7**	**Natural**
MW-8	Zinc	8/5/09	34.9	µg/L	0.4	10	1050				
MW-9	Barium	8/5/09	20.1	µg/L	0.2	100	2000				
MW-9	Beryllium	8/5/09	0.17	µg/L	0.1	1			4		
MW-9	Cadmium	8/5/09	1.1	µg/L	0.5	1	1.75				
MW-9	Chromium	8/5/09	2.5	µg/L	0.4	10	50				
MW-9	Copper	8/5/09	0.7	µg/L	0.3	10	1000				
MW-9	Vanadium	8/5/09	2.6	µg/L	0.2	25			3.5		
MW-9	Zinc	8/5/09	8.5	µg/L	0.4	10	1050				
MW-10	Barium	8/5/09	41.6	µg/L	0.2	100	2000				
MW-10	Beryllium	8/5/09	0.22	µg/L	0.1	1			4		
MW-10	Cadmium	8/5/09	1.1	µg/L	0.5	1	1.75				
MW-10	Chromium	8/5/09	1	µg/L	0.4	10	50				
MW-10	Copper	8/5/09	1	µg/L	0.3	10	1000				
MW-10	Vanadium	8/5/09	1.4	µg/L	0.2	25			3.5		
MW-10	Zinc	8/5/09	4.3	µg/L	0.4	10	1050				
MW-11	Barium	8/5/09	24.1	µg/L	0.2	100	2000				
MW-11	Beryllium	8/5/09	0.18	µg/L	0.1	1			4		
MW-11	Cadmium	8/5/09	0.84	µg/L	0.5	1	1.75				
MW-11	Chromium	8/5/09	0.81	µg/L	0.4	10	50				
MW-11	Cobalt	8/5/09	1.2	µg/L	0.6	10			70		
MW-11	Vanadium	8/5/09	0.87	µg/L	0.2	25			3.5		
MW-11	Zinc	8/5/09	9.7	µg/L	0.4	10	1050				
MW-12	Barium	8/5/09	24.5	µg/L	0.2	100	2000				
MW-12	Beryllium	8/5/09	0.14	µg/L	0.1	1			4		
MW-12	**Cadmium**	**8/5/09**	**5.1**	**µg/L**	**0.5**	**1**	**1.75**			**3.35**	**Natural**
MW-12	Chromium	8/5/09	1	µg/L	0.4	10	50				
MW-12	Cobalt	8/5/09	1.4	µg/L	0.6	10			70		
MW-12	Copper	8/5/09	4	µg/L	0.3	10	1000				
MW-12	Nickel	8/5/09	3.2	µg/L	1.7	50	100				

Table 2
Detection Scan All Detections Reported by Laboratory from Monitoring Wells and Surface Water Locations
Wayne County Subtitle D Lined MSWLF

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance	Preliminary Cause
MW-12	Vanadium	8/5/09	0.9	µg/L	0.2	25			3.5		
MW-12	Zinc	8/5/09	16.3	µg/L	0.4	10	1050				
MW-13	Copper	8/4/09	1.4	µg/L	0.3	10	1000				
MW-13	Beryllium	8/4/09	0.12	µg/L	0.1	1			4		
MW-13	Vanadium	8/4/09	0.6	µg/L	0.2	25			3.5		
MW-13	Barium	8/4/09	24	µg/L	0.2	100	2000				
MW-13	Cadmium	8/4/09	0.63	µg/L	0.5	1	1.75				
MW-13	Zinc	8/4/09	8.5	µg/L	0.4	10	1050				
MW-13	Chromium	8/4/09	0.61	µg/L	0.4	10	50				
SW-2	Zinc	8/4/09	5	µg/L	0.4	10		50			
SW-2	Chromium	8/4/09	0.59	µg/L	0.4	10		50			
SW-2	Copper	8/4/09	0.51	µg/L	0.3	10		7			
SW-2	Beryllium	8/4/09	0.1	µg/L	0.1	1		6.5			
SW-2	Cadmium	8/4/09	0.52	µg/L	0.5	1		2			
SW-2	Vanadium	8/4/09	0.92	µg/L	0.2	25		NE			
SW-2	Barium	8/4/09	9.3	µg/L	0.2	100		200000			
SW-3	Copper	8/6/09	0.32	µg/L	0.3	10		7			
SW-3	Chromium	8/6/09	1.1	µg/L	0.4	10		50			
SW-3	Zinc	8/6/09	7.9	µg/L	0.4	10		50			
SW-3	Barium	8/6/09	25.4	µg/L	0.2	100		200000			
SW-3	Vanadium	8/6/09	1.4	µg/L	0.2	25		NE			
SW-4	Zinc	8/6/09	7.4	µg/L	0.4	10		50			
SW-4	Selenium	8/6/09	4.1	µg/L	3.8	10		5			
SW-4	Vanadium	8/6/09	0.95	µg/L	0.2	25		NE			
SW-4	Barium	8/6/09	53.9	µg/L	0.2	100		200000			
SW-4	Beryllium	8/6/09	0.11	µg/L	0.1	1		6.5			
SW-5	Beryllium	8/6/09	0.1	µg/L	0.1	1		6.5			
SW-5	Zinc	8/6/09	5.1	µg/L	0.4	10		50			
SW-5	Chromium	8/6/09	0.53	µg/L	0.4	10		50			
SW-5	Vanadium	8/6/09	1.2	µg/L	0.2	25		NE			
SW-5	Barium	8/6/09	58.2	µg/L	0.2	100		200000			

Table 2
Detection Scan All Detections Reported by Laboratory from Monitoring Wells and Surface Water Locations
Wayne County Subtitle D Lined MSWLF

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance	Preliminary Cause
EB	Barium	8/6/09	20.3	µg/L	0.2	100	2000				
EB	Nickel	8/6/09	2.1	µg/L	1.7	50	100				
EB	Selenium	8/6/09	4	µg/L	3.8	10	50				
EB	Vanadium	8/6/09	0.6	µg/L	0.2	25			3.5		
EB	Zinc	8/6/09	4.8	µg/L	0.4	10	1050				

[1] Table contains all constituents detected above MDL
[2] MDL = Method Detection Limit
[3] SWSL = Solid Waste Section Reporting Limit (Current as of Sampling Event)
[4] 2L = North Carolina Ground Water 2L Standard (Current as of Sampling Event)
[5] 2B = North Carolina Surface Water 2B Standard for Specific Stream Classification (Current as of Sampling Event)
[6] GWP = Groundwater Protection Standard (Current as of Sampling Event)
LFG = Landfill Gas
NE = Not Established
BOLD = Concentration ≥ GWP, 2L, or 2B Standard (Current as of Sampling Event)

Table 3
Hydrologic Properties at Monitoring Well Locations
Wayne County Subtitle D Lined MSWLF

Monitoring Well	Hydraulic Conductivity (cm/sec)	Effective Porosity (%)	Hydraulic Gradient	Groundwater Velocity Rate (ft/yr)	Flow Direction	Water Table Depth (ft BTOC)	Water Table Elevation (ft BTOC)
MW-1	3.21E-04	31%	0.010	11.1	S80W	15.13	149.38
MW-2	1.37E-03	31%	0.010	44.2	S83W	10.01	137.26
MW-3	9.72E-04	31%	0.008	25.6	S82W	5.33	133.17
MW-4	2.33E-04	9%	0.013	35.1	S64W	16.63	123.17
MW-5	1.45E-04	9%	0.002	3.3	S65W	16.18	123.97
MW-6	8.38E-05	31%	0.012	3.4	S87W	17.28	129.3
MW-7	6.84E-05	9%	0.001	0.5	N66W	5.88	130.01
MW-8	1.68E-04	9%	0.015	29.7	S75W	7.87	127.38
MW-9	6.37E-04	31%	0.020	41.8	S74W	11.58	129.73
MW-10	4.74E-04	31%	0.015	24.0	S63W	12.79	128.64
MW-11	1.46E-04	22%	0.013	8.8	S65W	4.11	130.65
MW-12	1.63E-04	22%	0.011	8.6	N78W	4.74	130.45
MW-13	2.14E-03	22%	0.010	100.7	S82W	8.78	141.11

NOTES: Values for hydraulic conductivity obtained from the Wayne County Transition Plan (April 1994)
Hydraulic Gradients taken from groundwater elevations obtained from August 6, 2009 sampling event data.
Groundwater velocity (v_x) is defined by the equation:

$$v_x = (K * i) / n_e$$

Where: K= hydraulic conductivity
n_e = effective porosity
i = hydraulic gradient

Table 4
Field Parameter Data Sheet
Wayne County Subtitle D Lined MSWLF
August 4 - 6, 2009 Sampling Event

Monitoring Location	Sample Date	Water Table Depth (ft BTOC)	pH	Temp (°C)	Specific Conductance (µmhos/cm)	TDS (mg/L)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
MW-1	08/04/09	15.13	6.13	19.9	180	80	7.9	261	426
MW-2	08/06/09	10.01	6.83	20.0	200	90	1.7	183	53.3
MW-3	08/05/09	5.33	5.91	20.3	400	190	1.3	193	67.9
MW-4	08/06/09	16.63	6.07	19.6	10	0	2.3	191	2.08
MW-5	08/06/09	16.18	6.31	19.6	30	10	2	203	5.61
MW-6	08/06/09	17.28	5.89	19.2	20	10	0.4	231	9.81
MW-7	08/06/09	5.88	6.51	20.1	200	90	1.4	186	9.82
MW-8	08/05/09	7.87	6.23	19.7	200	90	2.4	193	49.8
MW-9	08/05/09	11.58	6.71	19.6	40	10	1.6	211	33.5
MW-10	08/05/09	12.79	6.31	19.8	60	20	1.2	183	11.6
MW-11	08/05/09	4.11	6.38	19.5	60	20	1.8	197	9.86
MW-12	08/05/09	4.74	6.19	19.7	160	70	1.7	131	11.9
MW-13	08/04/09	8.78	6.19	19.8	30	10	2.6	119	2.13
SW-2	08/06/09	-	6.83	25.3	100	40	7.8	307	20.3
SW-3	08/06/09	-	6.91	25.8	110	50	7.9	312	11.7
SW-4	08/06/09	-	6.83	26.2	30	10	8.1	323	7.14
SW-5	08/06/09	-	6.78	26.3	20	10	7.9	316	10.5

Table 5
Detection Scan All Detections above SWSL, 2L or GWP in Leachate Locations
Wayne County Subtitle D Lined MSWLF

ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	GWP [6]	Exceedance
LE-1	**1,4-Dichlorobenzene**	**8/5/09**	**2.2**	**µg/L**	**0.33**	**1**	**1.4**		**0.8**
LE-1	**Antimony**	**8/5/09**	**2.6 J**	**µg/L**	**2.6**	**6**		**1.4**	**1.2**
LE-1	Arsenic	8/5/09	24.4	µg/L	2.7	10	50		
LE-1	Barium	8/5/09	249	µg/L	0.2	100	2000		
LE-1	**Benzene**	**8/5/09**	**3.5**	**µg/L**	**0.25**	**1**	**1**		**2.5**
LE-1	Chromium	8/5/09	25.4	µg/L	0.4	10	50		
LE-1	Cobalt	8/5/09	12	µg/L	0.6	10		70	
LE-1	**Copper**	**8/5/09**	**1770**	**µg/L**	**0.3**	**10**	**1000**		**770**
LE-1	Ethylbenzene	8/5/09	7.3	µg/L	0.3	1	550		
LE-1	**Lead**	**8/5/09**	**188**	**µg/L**	**4**	**10**	**15**		**173**
LE-1	Nickel	8/5/09	77.4	µg/L	1.7	50	100		
LE-1	**Vanadium**	**8/5/09**	**16.2 J**	**µg/L**	**0.2**	**25**		**3.5**	**12.7**
LE-1	Xylene (Total)	8/5/09	18.8	µg/L	0.66	5	530		
LE-1	Zinc	8/5/09	101	µg/L	0.4	10	1050		
LE-2	**1,2-Dichloroethane**	**8/5/09**	**0.44 J**	**µg/L**	**0.12**	**1**	**0.38**		**0.06**
LE-2	1,4-Dichlorobenzene	8/5/09	1.2	µg/L	0.33	1	1.4		
LE-2	**Antimony**	**8/5/09**	**5 J**	**µg/L**	**2.6**	**6**		**1.4**	**3.6**
LE-2	Arsenic	8/5/09	17.1	µg/L	2.7	10	50		
LE-2	Barium	8/5/09	315	µg/L	0.2	100	2000		
LE-2	**Benzene**	**8/5/09**	**5.5**	**µg/L**	**0.25**	**1**	**1**		**4.5**
LE-2	Chromium	8/5/09	28.5	µg/L	0.4	10	50		
LE-2	Cobalt	8/5/09	12.1	µg/L	0.6	10		70	
LE-2	Copper	8/5/09	72.9	µg/L	0.3	10	1000		
LE-2	Ethylbenzene	8/5/09	7	µg/L	0.3	1	550		
LE-2	Lead	8/5/09	11.4	µg/L	4	10	15		
LE-2	Nickel	8/5/09	92.8	µg/L	1.7	50	100		
LE-2	Toluene	8/5/09	2.1	µg/L	0.26	1	1000		
LE-2	**Vanadium**	**8/5/09**	**14.2 J**	**µg/L**	**0.2**	**25**		**3.5**	**10.7**
LE-2	Xylene (Total)	8/5/09	20.2	µg/L	0.66	5	530		
LE-2	Zinc	8/5/09	168	µg/L	0.4	10	1050		
LS-4	**1,2-Dichloroethane**	**8/5/09**	**0.52 J**	**µg/L**	**0.12**	**1**	**0.38**		**0.14**
LS-4	**1,4-Dichlorobenzene**	**8/5/09**	**3.9**	**µg/L**	**0.33**	**1**	**1.4**		**2.5**
LS-4	Arsenic	8/5/09	17.3	µg/L	2.7	10	50		
LS-4	Barium	8/5/09	185	µg/L	0.2	100	2000		
LS-4	**Benzene**	**8/5/09**	**6.4**	**µg/L**	**0.25**	**1**	**1**		**5.4**
LS-4	Chromium	8/5/09	19.7	µg/L	0.4	10	50		
LS-4	Cobalt	8/5/09	10.6	µg/L	0.6	10		70	
LS-4	Copper	8/5/09	36	µg/L	0.3	10	1000		
LS-4	Ethylbenzene	8/5/09	13.1	µg/L	0.3	1	550		
LS-4	Nickel	8/5/09	59.7	µg/L	1.7	50	100		

Table 5
Detection Scan All Detections above SWSL, 2L or GWP in Leachate Locations
Wayne County Subtitle D Lined MSWLF

ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	GWP [6]	Exceedance
LS-4	**Vanadium**	**8/5/09**	**18.4 J**	**µg/L**	**0.2**	**25**		**3.5**	**14.9**
LS-4	Xylene (Total)	8/5/09	30.1	µg/L	0.66	5	530		
LS-4	Zinc	8/5/09	25.6	µg/L	0.4	10	1050		
LS-5	**1,4-Dichlorobenzene**	**8/5/09**	**2.4**	**µg/L**	**0.33**	**1**	**1.4**		**1**
LS-5	**Antimony**	**8/5/09**	**6.3**	**µg/L**	**2.6**	**6**		**1.4**	**4.9**
LS-5	Barium	8/5/09	114	µg/L	0.2	100	2000		
LS-5	Chloromethane	8/5/09	1.4	µg/L	0.11	1	2.6		
LS-5	Chromium	8/5/09	22.2	µg/L	0.4	10	50		
LS-5	Copper	8/5/09	671	µg/L	0.3	10	1000		
LS-5	Ethylbenzene	8/5/09	1.6	µg/L	0.3	1	550		
LS-5	Lead	8/5/09	12.5	µg/L	4	10	15		
LS-5	Nickel	8/5/09	87.9	µg/L	1.7	50	100		
LS-5	Toluene	8/5/09	1.2	µg/L	0.26	1	1000		
LS-5	**Vanadium**	**8/5/09**	**15.3 J**	**µg/L**	**0.2**	**25**		**3.5**	**11.8**
LS-5	Xylene (Total)	8/5/09	8.7	µg/L	0.66	5	530		
LS-5	Zinc	8/5/09	83.1	µg/L	0.4	10	1050		
LS-6	**1,2-Dichloroethane**	**8/5/09**	**1.4**	**µg/L**	**0.12**	**1**	**0.38**		**1.02**
LS-6	**1,2-Dichloropropane**	**8/5/09**	**0.8 J**	**µg/L**	**0.27**	**1**	**0.51**		**0.29**
LS-6	**1,4-Dichlorobenzene**	**8/5/09**	**2.7**	**µg/L**	**0.33**	**1**	**1.4**		**1.3**
LS-6	Barium	8/5/09	305	µg/L	0.2	100	2000		
LS-6	**Benzene**	**8/5/09**	**14.8**	**µg/L**	**0.25**	**1**	**1**		**13.8**
LS-6	Ethylbenzene	8/5/09	20.8	µg/L	0.3	1	550		
LS-6	Toluene	8/5/09	3.3	µg/L	0.26	1	1000		
LS-6	**Vanadium**	**8/5/09**	**6.8 J**	**µg/L**	**0.2**	**25**		**3.5**	**3.3**
LS-6	**Vinyl chloride**	**8/5/09**	**1.1**	**µg/L**	**0.62**	**1**	**0.015**		**1.085**
LS-6	Xylene (Total)	8/5/09	44.1	µg/L	0.66	5	530		
LS-6	Zinc	8/5/09	28.1	µg/L	0.4	10	1050		

[1] Table contains all constituents detected above SWSL, GWP, or NCGW2L

[2] MDL = Method Detection Limit

[3] SWSL = Solid Waste Section Reporting Limit (Current as of Sampling Event)

[4] 2L = North Carolina Ground Water 2L Standard (Current as of Sampling Event)

[6] GWP = Groundwater Protection Standard (Current as of Sampling Event)

LFG = Landfill Gas

NE = Not Established

BOLD = Concentration ≥ GWP, 2L (Current as of Sampling Event)

Table 6
Detection Scan All Detections Reported by Laboratory in Leachate Locations
Wayne County Subtitle D Lined MSWLF

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	GWP [6]	Exceedance
LE-1	1,1-Dichloroethane	8/5/09	0.35	µg/L	0.32	5	70		
LE-1	**1,4-Dichlorobenzene**	**8/5/09**	**2.2**	**µg/L**	**0.33**	**1**	**1.4**		**0.8**
LE-1	Acetone	8/5/09	10.4	µg/L	2.2	100	700		
LE-1	**Antimony**	**8/5/09**	**2.6 J**	**µg/L**	**2.6**	**6**		**1.4**	**1.2**
LE-1	Arsenic	8/5/09	24.4	µg/L	2.7	10	50		
LE-1	Barium	8/5/09	249	µg/L	0.2	100	2000		
LE-1	**Benzene**	**8/5/09**	**3.5**	**µg/L**	**0.25**	**1**	**1**		**2.5**
LE-1	BOD	8/5/09	40000	µg/L	2000	NE		NE	
LE-1	Carbon disulfide	8/5/09	2.2	µg/L	1.2	100	700		
LE-1	Chlorobenzene	8/5/09	1.2	µg/L	0.23	3	50		
LE-1	Chromium	8/5/09	25.4	µg/L	0.4	10	50		
LE-1	cis-1,2-Dichloroethene	8/5/09	0.2	µg/L	0.19	5	70		
LE-1	Cobalt	8/5/09	12	µg/L	0.6	10		70	
LE-1	COD	8/5/09	780000	µg/L	3100	NE		NE	
LE-1	**Copper**	**8/5/09**	**1770**	**µg/L**	**0.3**	**10**	**1000**		**770**
LE-1	Ethylbenzene	8/5/09	7.3	µg/L	0.3	1	550		
LE-1	**Lead**	**8/5/09**	**188**	**µg/L**	**4**	**10**	**15**		**173**
LE-1	Nickel	8/5/09	77.4	µg/L	1.7	50	100		
LE-1	Nitrate as N	8/5/09	81	µg/L	5.6	10000	10		
LE-1	Nitrate/Nitrite as N	8/5/09	81	µg/L	21	NE			
LE-1	Phosphorus	8/5/09	1000	µg/L	50	NE			
LE-1	Silver	8/5/09	0.51	µg/L	0.1	10	18		
LE-1	Sulfate as SO4	8/5/09	2400	µg/L	78	250000			
LE-1	Toluene	8/5/09	0.44	µg/L	0.26	1	1000		
LE-1	**Vanadium**	**8/5/09**	**16.2 J**	**µg/L**	**0.2**	**25**		**3.5**	**12.7**
LE-1	Xylene (Total)	8/5/09	18.8	µg/L	0.66	5	530		
LE-1	Zinc	8/5/09	101	µg/L	0.4	10	1050		
LE-2	**1,2-Dichloroethane**	**8/5/09**	**0.44 J**	**µg/L**	**0.12**	**1**	**0.38**		**0.06**
LE-2	1,4-Dichlorobenzene	8/5/09	1.2	µg/L	0.33	1	1.4		
LE-2	Acetone	8/5/09	14.1	µg/L	2.2	100	700		
LE-2	**Antimony**	**8/5/09**	**5 J**	**µg/L**	**2.6**	**6**		**1.4**	**3.6**
LE-2	Arsenic	8/5/09	17.1	µg/L	2.7	10	50		
LE-2	Barium	8/5/09	315	µg/L	0.2	100	2000		
LE-2	**Benzene**	**8/5/09**	**5.5**	**µg/L**	**0.25**	**1**	**1**		**4.5**
LE-2	BOD	8/5/09	44000	µg/L	2000	NE		NE	
LE-2	Carbon disulfide	8/5/09	3.9	µg/L	1.2	100	700		
LE-2	Chlorobenzene	8/5/09	0.92	µg/L	0.23	3	50		
LE-2	Chromium	8/5/09	28.5	µg/L	0.4	10	50		
LE-2	cis-1,2-Dichloroethene	8/5/09	0.28	µg/L	0.19	5	70		
LE-2	Cobalt	8/5/09	12.1	µg/L	0.6	10		70	
LE-2	COD	8/5/09	680000	µg/L	3100	NE		NE	
LE-2	Copper	8/5/09	72.9	µg/L	0.3	10	1000		
LE-2	Ethylbenzene	8/5/09	7	µg/L	0.3	1	550		
LE-2	Lead	8/5/09	11.4	µg/L	4	10	15		
LE-2	Nickel	8/5/09	92.8	µg/L	1.7	50	100		
LE-2	Nitrate as N	8/5/09	85	µg/L	5.6	10000	10		
LE-2	Nitrate/Nitrite as N	8/5/09	85	µg/L	21	NE			
LE-2	Phosphorus	8/5/09	1200	µg/L	50	NE			
LE-2	Silver	8/5/09	0.53	µg/L	0.1	10	18		

Table 6
Detection Scan All Detections Reported by Laboratory in Leachate Locations
Wayne County Subtitle D Lined MSWLF

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	GWP [6]	Exceedance
LE-2	Sulfate as SO4	8/5/09	2400	µg/L	78	250000			
LE-2	Toluene	8/5/09	2.1	µg/L	0.26	1	1000		
LE-2	**Vanadium**	**8/5/09**	**14.2 J**	**µg/L**	**0.2**	**25**		**3.5**	**10.7**
LE-2	Xylene (Total)	8/5/09	20.2	µg/L	0.66	5	530		
LE-2	Zinc	8/5/09	168	µg/L	0.4	10	1050		
LS-4	1,1-Dichloroethane	8/5/09	0.61	µg/L	0.32	5	70		
LS-4	**1,2-Dichloroethane**	**8/5/09**	**0.52 J**	**µg/L**	**0.12**	**1**	**0.38**		**0.14**
LS-4	**1,4-Dichlorobenzene**	**8/5/09**	**3.9**	**µg/L**	**0.33**	**1**	**1.4**		**2.5**
LS-4	Acetone	8/5/09	7.8	µg/L	2.2	100	700		
LS-4	Arsenic	8/5/09	17.3	µg/L	2.7	10	50		
LS-4	Barium	8/5/09	185	µg/L	0.2	100	2000		
LS-4	**Benzene**	**8/5/09**	**6.4**	**µg/L**	**0.25**	**1**	**1**		**5.4**
LS-4	BOD	8/5/09	29000	µg/L	2000	NE		NE	
LS-4	Carbon disulfide	8/5/09	2.2	µg/L	1.2	100	700		
LS-4	Chlorobenzene	8/5/09	2	µg/L	0.23	3	50		
LS-4	Chromium	8/5/09	19.7	µg/L	0.4	10	50		
LS-4	Cobalt	8/5/09	10.6	µg/L	0.6	10		70	
LS-4	COD	8/5/09	610000	µg/L	3100	NE		NE	
LS-4	Copper	8/5/09	36	µg/L	0.3	10	1000		
LS-4	Ethylbenzene	8/5/09	13.1	µg/L	0.3	1	550		
LS-4	Nickel	8/5/09	59.7	µg/L	1.7	50	100		
LS-4	Nitrate as N	8/5/09	72	µg/L	5.6	10000	10		
LS-4	Nitrate/Nitrite as N	8/5/09	72	µg/L	21	NE			
LS-4	Phosphorus	8/5/09	890	µg/L	50	NE			
LS-4	Silver	8/5/09	0.49	µg/L	0.1	10	18		
LS-4	Sulfate as SO4	8/5/09	2400	µg/L	78	250000			
LS-4	Toluene	8/5/09	0.7	µg/L	0.26	1	1000		
LS-4	**Vanadium**	**8/5/09**	**18.4 J**	**µg/L**	**0.2**	**25**		**3.5**	**14.9**
LS-4	Xylene (Total)	8/5/09	30.1	µg/L	0.66	5	530		
LS-4	Zinc	8/5/09	25.6	µg/L	0.4	10	1050		
LS-5	1,1-Dichloroethane	8/5/09	0.53	µg/L	0.32	5	70		
LS-5	**1,4-Dichlorobenzene**	**8/5/09**	**2.4**	**µg/L**	**0.33**	**1**	**1.4**		**1**
LS-5	Acetone	8/5/09	28.2	µg/L	2.2	100	700		
LS-5	**Antimony**	**8/5/09**	**6.3**	**µg/L**	**2.6**	**6**		**1.4**	**4.9**
LS-5	Arsenic	8/5/09	9.7	µg/L	2.7	10	50		
LS-5	Barium	8/5/09	114	µg/L	0.2	100	2000		
LS-5	Benzene	8/5/09	0.76	µg/L	0.25	1	1		
LS-5	BOD	8/5/09	65000	µg/L	2000	NE		NE	
LS-5	Chlorobenzene	8/5/09	0.3	µg/L	0.23	3	50		
LS-5	Chloromethane	8/5/09	1.4	µg/L	0.11	1	2.6		
LS-5	Chromium	8/5/09	22.2	µg/L	0.4	10	50		
LS-5	Cobalt	8/5/09	7.3	µg/L	0.6	10		70	
LS-5	COD	8/5/09	590000	µg/L	3100	NE		NE	
LS-5	Copper	8/5/09	671	µg/L	0.3	10	1000		
LS-5	Ethylbenzene	8/5/09	1.6	µg/L	0.3	1	550		
LS-5	Lead	8/5/09	12.5	µg/L	4	10	15		
LS-5	Nickel	8/5/09	87.9	µg/L	1.7	50	100		
LS-5	Nitrate/Nitrite as N	8/5/09	5500	µg/L	100	NE			
LS-5	Nitrite as N	8/5/09	9600	µg/L	28	1000			
LS-5	Phosphorus	8/5/09	1200	µg/L	50	NE			

Table 6
Detection Scan All Detections Reported by Laboratory in Leachate Locations
Wayne County Subtitle D Lined MSWLF

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	GWP [6]	Exceedance
LS-5	Selenium	8/5/09	6	µg/L	3.8	10	50		
LS-5	Silver	8/5/09	0.58	µg/L	0.1	10	18		
LS-5	Sulfate as SO4	8/5/09	6900	µg/L	78	250000			
LS-5	Toluene	8/5/09	1.2	µg/L	0.26	1	1000		
LS-5	**Vanadium**	**8/5/09**	**15.3 J**	**µg/L**	**0.2**	**25**		**3.5**	**11.8**
LS-5	Xylene (Total)	8/5/09	8.7	µg/L	0.66	5	530		
LS-5	Zinc	8/5/09	83.1	µg/L	0.4	10	1050		
LS-6	1,1-Dichloroethane	8/5/09	2.1	µg/L	0.32	5	70		
LS-6	**1,2-Dichloroethane**	**8/5/09**	**1.4**	**µg/L**	**0.12**	**1**	**0.38**		**1.02**
LS-6	**1,2-Dichloropropane**	**8/5/09**	**0.8 J**	**µg/L**	**0.27**	**1**	**0.51**		**0.29**
LS-6	**1,4-Dichlorobenzene**	**8/5/09**	**2.7**	**µg/L**	**0.33**	**1**	**1.4**		**1.3**
LS-6	4-Methyl-2-pentanone	8/5/09	2.4	µg/L	0.33	100		560	
LS-6	Arsenic	8/5/09	9.6	µg/L	2.7	10	50		
LS-6	Barium	8/5/09	305	µg/L	0.2	100	2000		
LS-6	**Benzene**	**8/5/09**	**14.8**	**µg/L**	**0.25**	**1**	**1**		**13.8**
LS-6	BOD	8/5/09	8700	µg/L	2000	NE		NE	
LS-6	Chlorobenzene	8/5/09	2.3	µg/L	0.23	3	50		
LS-6	Chromium	8/5/09	4.2	µg/L	0.4	10	50		
LS-6	Cobalt	8/5/09	4.8	µg/L	0.6	10		70	
LS-6	COD	8/5/09	230000	µg/L	3100	NE		NE	
LS-6	Copper	8/5/09	4.6	µg/L	0.3	10	1000		
LS-6	Ethylbenzene	8/5/09	20.8	µg/L	0.3	1	550		
LS-6	Nickel	8/5/09	24	µg/L	1.7	50	100		
LS-6	Nitrate as N	8/5/09	85	µg/L	5.6	10000	10		
LS-6	Nitrate/Nitrite as N	8/5/09	100	µg/L	21	NE			
LS-6	Nitrite as N	8/5/09	20	µg/L	5.6	1000			
LS-6	Phosphorus	8/5/09	360	µg/L	50	NE			
LS-6	Silver	8/5/09	0.15	µg/L	0.1	10	18		
LS-6	Sulfate as SO4	8/5/09	1900	µg/L	78	250000			
LS-6	Toluene	8/5/09	3.3	µg/L	0.26	1	1000		
LS-6	**Vanadium**	**8/5/09**	**6.8 J**	**µg/L**	**0.2**	**25**		**3.5**	**3.3**
LS-6	**Vinyl chloride**	**8/5/09**	**1.1**	**µg/L**	**0.62**	**1**	**0.015**		**1.085**
LS-6	Xylene (Total)	8/5/09	44.1	µg/L	0.66	5	530		
LS-6	Zinc	8/5/09	28.1	µg/L	0.4	10	1050		

[1] Table contains all constituents detected above MDL

[2] MDL = Method Detection Limit

[3] SWSL = Solid Waste Section Reporting Limit (Current as of Sampling Event)

[4] 2L = North Carolina Ground Water 2L Standard (Current as of Sampling Event)

[6] GWP = Groundwater Protection Standard (Current as of Sampling Event)

BOLD = Concentration ≥ GWP, 2L (Current as of Sampling Event)

Statistical Analysis Results Summary

Inter-Well Analysis Summary
Wayne County Subtitle D Lined MSWLF
Background Well: MW-1

Cadmium, total

%ND	Normality	Method	ND Adj.	Upper Limit (a = 95%)	Unit
100	-	Poisson Tolerance Limit	ND	3	ug/l

Well	Result	Significance
MW-6	3.3	yes
MW-8	3.9	yes
MW-9	1.1	no
MW-12	5.1	yes

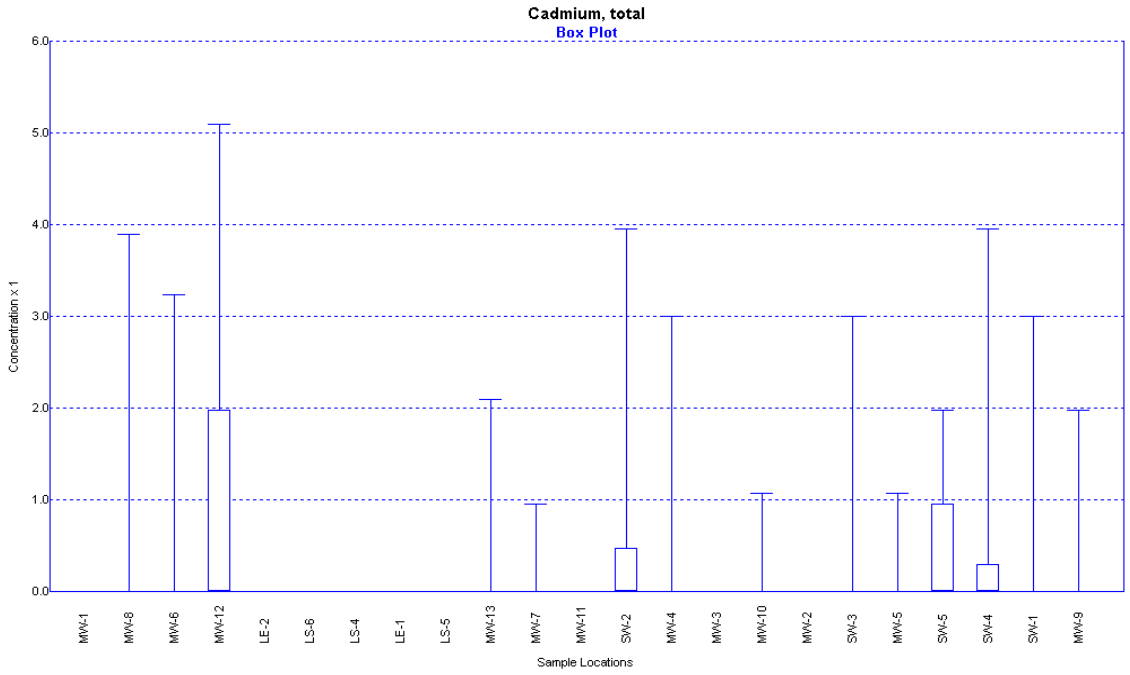
Zinc, total

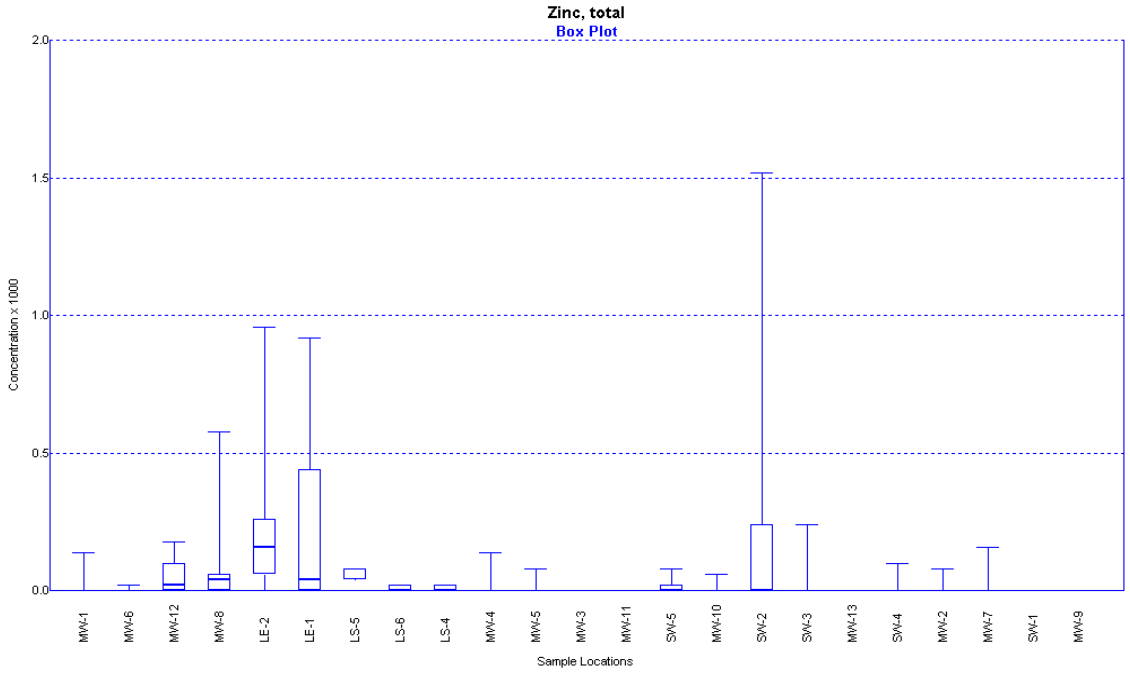
%ND	Normality	Method	ND Adj.	Upper Limit (a = 95%)	Unit
83.33	-	Non-Parametric Tolerance interval	1/2ND	148	ug/l

Well	Result	Significance
MW-6	20.2	no
MW-8	34.9	no
MW-12	16.3	no

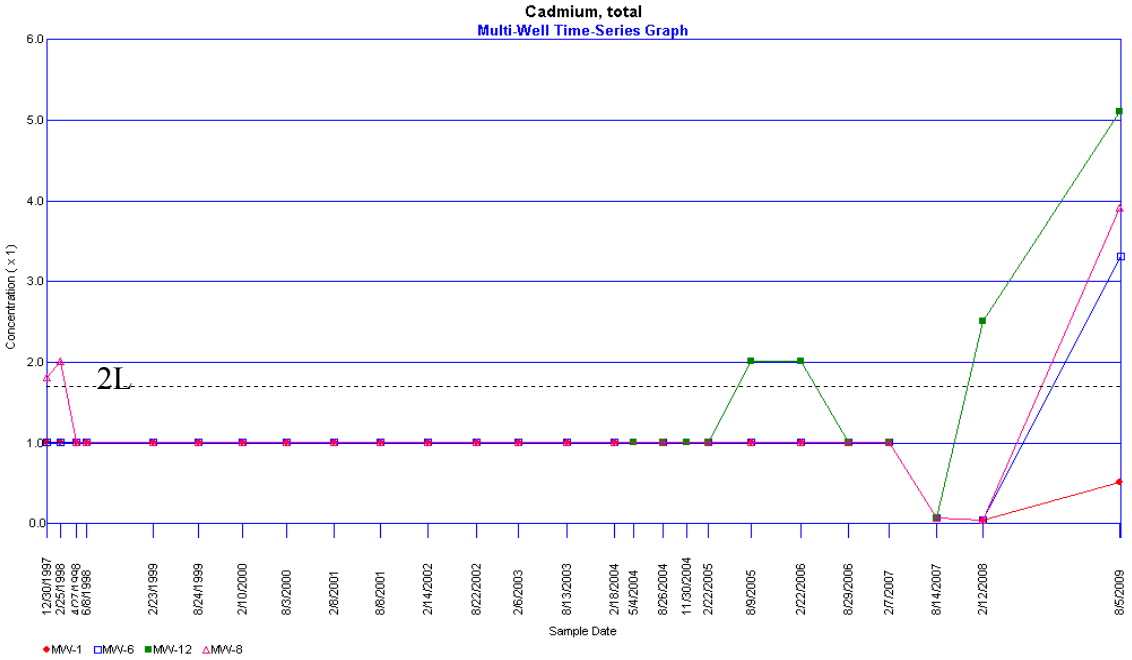
NOTE: **Bold**-faced monitoring points indicate detected levels exceeded 2L Standard.

Box Plots for Select Constituents
Wayne County Subtitle D Lined MSWLF





Time Series Graphs for Select Constituents
Wayne County Subtitle D Lined MSWLF



Non-Detects (ND) represented at Detection Limit

Basic Statistics

Dixon's Test for Outliers

Parameter: Cadmium, total

Compliance Wells

Original Data (Not Transformed)
Non-Detects Replaced with 1/2 DL

For 24 Samples
5% Level of Significance

Iteration	Highest	Lowest	Critical	Outlier
1	1	1	0.413	3.3

A Divide-By-Zero error occurred in the calculations.
Additional Outliers May Exist.

Well	Date	Conc.	Outlier
MW-6	12/30/1997	ND<0.5	FALSE
	2/25/1998	ND<0.5	FALSE
	4/27/1998	ND<0.5	FALSE
	6/8/1998	ND<0.5	FALSE
	2/23/1999	ND<0.5	FALSE
	8/24/1999	ND<0.5	FALSE
	2/10/2000	ND<0.5	FALSE
	8/3/2000	ND<0.5	FALSE
	2/8/2001	ND<0.5	FALSE
	8/8/2001	ND<0.5	FALSE
	2/14/2002	ND<0.5	FALSE
	8/22/2002	ND<0.5	FALSE
	2/6/2003	ND<0.5	FALSE
	8/13/2003	ND<0.5	FALSE
	2/18/2004	ND<0.5	FALSE
	8/26/2004	ND<0.5	FALSE
	2/22/2005	ND<0.5	FALSE
	8/9/2005	ND<0.5	FALSE
	2/22/2006	ND<0.5	FALSE
	8/29/2006	ND<0.5	FALSE
	2/7/2007	ND<0.5	FALSE
	8/14/2007	ND<0.03	FALSE
	2/12/2008	ND<0.02	FALSE
	8/6/2009	3.3	TRUE
MW-12	5/4/2004	ND<0.5	FALSE
	8/26/2004	ND<0.5	FALSE
	11/30/2004	ND<0.5	FALSE
	2/22/2005	ND<0.5	FALSE
	8/9/2005	2	FALSE
	2/22/2006	2	FALSE
	8/29/2006	ND<0.5	FALSE
	2/7/2007	ND<0.5	FALSE
	8/14/2007	ND<0.03	FALSE
	2/12/2008	2.5	FALSE
	8/5/2009	5.1	TRUE
MW-8	12/30/1997	1.8	FALSE
	2/25/1998	2	FALSE
	4/27/1998	ND<0.5	FALSE
	6/8/1998	ND<0.5	FALSE
	2/23/1999	ND<0.5	FALSE
	8/24/1999	ND<0.5	FALSE
	2/10/2000	ND<0.5	FALSE
	8/3/2000	ND<0.5	FALSE
	2/8/2001	ND<0.5	FALSE
	8/8/2001	ND<0.5	FALSE
	2/14/2002	ND<0.5	FALSE
	8/22/2002	ND<0.5	FALSE
	2/6/2003	ND<0.5	FALSE
	8/13/2003	ND<0.5	FALSE
	2/18/2004	ND<0.5	FALSE

8/26/2004	ND<0.5	FALSE
2/22/2005	ND<0.5	FALSE
8/9/2005	ND<0.5	FALSE
2/22/2006	ND<0.5	FALSE
8/29/2006	ND<0.5	FALSE
2/7/2007	ND<0.5	FALSE
8/14/2007	ND<0.03	FALSE
2/12/2008	ND<0.02	FALSE
8/5/2009	3.9	TRUE

Basic Statistics

Parameter: Zinc, total

Original Data (Not Transformed)
Non-Detects Replaced with 1/2 DL

	Total Observations
370	
Total Non-Detects	305
Pooled Mean	40.554
Pooled Std Dev	105.032
Background Mean	27.5625
Background Std Dev	26.4073

Background Wells

There is 1 background well

Well	Samples	Non-Detects	% ND	Total
MW-1	24	20	83.3333	661.5

Well	Mean	Std Dev	Std Err	Rank Sum	Rank Mean
MW-1	27.5625	26.4073	0	4356	181.5

Compliance Wells

There are 17 compliance wells

Well	Samples	Non-Detects	% ND	Total
MW-4	25	24	96	650.32
MW-5	25	23	92	625.32
MW-3	25	25	100	530.32
MW-11	11	10	90.9091	190.3
SW-5	9	5	55.5556	249.2
MW-10	26	25	96.1538	605.32
MW-9	25	25	100	530.32
SW-2	17	9	52.9412	3738.2
SW-3	24	20	83.3333	838.22
MW-13	11	11	100	180.32
SW-4	24	21	87.5	616.3
MW-2	24	20	83.3333	633.22
MW-6	24	23	95.8333	525.32
MW-7	27	19	70.3704	1129.6
MW-12	11	3	27.2727	722.3
MW-8	24	8	33.3333	2228.9
SW-1	14	14	100	350

Well	Mean	Std Dev	Dif From Bkg	Std Err	Rank Sum	Rank Mean
MW-4	26.0128	26.326	-1.5497	27.9739	4026	161.04
MW-5	25.0128	17.9072	-2.5497	27.9739	4199	167.96
MW-3	21.2128	8.89869	-6.3497	27.9739	3825	153
MW-11	17.3	10.9903	-10.2625	35.6421	1836	166.909
SW-5	27.6889	25.5122	0.126389	38.2614	2056	228.444
MW-10	23.2815	13.6854	-4.28096	27.7092	4167	160.269
MW-9	21.2128	8.89869	-6.3497	27.9739	3825	153
SW-2	219.894	408.847	192.332	31.0308	4222	248.353
SW-3	34.9258	48.5944	7.36333	28.2579	4418	184.083
MW-13	16.3927	12.0171	-11.1698	35.6421	1683	153
SW-4	25.6792	18.8218	-1.88333	28.2579	4197	174.875
MW-2	26.3842	16.9706	-1.17833	28.2579	4379	182.458
MW-6	21.8883	7.89791	-5.67417	28.2579	3841	160.042
MW-7	41.837	44.9808	14.2745	27.4618	5614	207.926
MW-12	65.6636	64.0444	38.1011	35.6421	3172	288.364
MW-8	92.8708	144.097	65.3083	28.2579	6677	278.208
SW-1	25	0	-2.5625	32.9195	2142	153

Analysis of Variance Statistics

SS Wells	697771
SS Total	4.07068e+006

Kruskal-Wallis Statistics

Non-Detect Rank	153
Background Rank Sum	4356
Background Rank Mean	181.5
H Statistic	49.0543
H Adjusted for Ties	111.521

Basic Statistics

Parameter: Cadmium, total

Original Data (Not Transformed)
Non-Detects Replaced with 1/2 DL

	Total Observations
370	
Total Non-Detects	338
Pooled Mean	0.617189
Pooled Std Dev	0.623947
Background Mean	0.45
Background Std Dev	0.140465

Background Wells

There is 1 background well

Well	Samples	Non-Detects	% ND	Total
MW-1	24	24	100	10.8

Well	Mean	Std Dev	Std Err	Rank Sum	Rank Mean
MW-1	0.45	0.140465	0	4068	169.5

Compliance Wells

There are 17 compliance wells

Well	Samples	Non-Detects	% ND	Total
MW-13	11	9	81.8182	7.87
MW-7	27	25	92.5926	13.3
MW-11	11	11	100	4.3
SW-2	17	13	76.4706	17.25
MW-8	24	21	87.5	17.25
MW-9	25	23	92	13.65
MW-6	24	23	95.8333	13.85
MW-4	25	24	96	13.8
MW-3	25	25	100	11.3
MW-10	26	25	96.1538	12.65
MW-2	24	24	100	10.8
SW-3	24	23	95.8333	13.77
MW-5	25	24	96	11.9
MW-12	11	7	63.6364	14.63
SW-5	9	7	77.7778	6.77
SW-4	24	18	75	23.47
SW-1	14	12	85.7143	11

Well	Mean	Std Dev	Dif From Bkg	Std Err	Rank Sum	Rank Mean
MW-13	0.715455	0.677663	0.265455	0.218773	2229.5	202.682
MW-7	0.492593	0.19732	0.0425926	0.168562	4916.5	182.093
MW-11	0.390909	0.195676	-0.0590909	0.218773	1864.5	169.5
SW-2	1.01471	1.13355	0.564706	0.190468	3631.5	213.618
MW-8	0.71875	0.802249	0.26875	0.173448	4620.5	192.521
MW-9	0.546	0.354048	0.096	0.171705	4589.5	183.58
MW-6	0.577083	0.595224	0.127083	0.173448	4264.5	177.688
MW-4	0.552	0.528212	0.102	0.171705	4429	177.16
MW-3	0.452	0.137871	0.002	0.171705	4237.5	169.5
MW-10	0.486538	0.179621	0.0365385	0.17008	4580.5	176.173
MW-2	0.45	0.140465	0	0.173448	4068	169.5
SW-3	0.57375	0.528014	0.12375	0.173448	4260.5	177.521
MW-5	0.476	0.189231	0.026	0.171705	4412	176.48
MW-12	1.33	1.49342	0.88	0.218773	2615.5	237.773
SW-5	0.752222	0.726323	0.302222	0.23485	1891.5	210.167
SW-4	0.977917	1.03317	0.527917	0.173448	5201	216.708
SW-1	0.785714	0.752286	0.335714	0.202061	2755	196.786

Analysis of Variance Statistics

SS Wells	16.5792
SS Total	143.655

Kruskal-Wallis Statistics

Non-Detect Rank	169.5
Background Rank Sum	4068
Background Rank Mean	169.5
H Statistic	9.57227
H Adjusted for Ties	40.2758

Non-Parametric Tolerance Interval

Parameter: Zinc, total

Original Data (Not Transformed)
Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 65.0602%
Background Samples (n) = 24
Maximum Background Concentration = 148
Minimum Coverage = 88.3%
Average Coverage = 96%

Well	Sample	Result	Impacted
MW-6	12/30/1997	ND<25	FALSE
MW-6	2/25/1998	ND<25	FALSE
MW-6	4/27/1998	ND<25	FALSE
MW-6	6/8/1998	ND<25	FALSE
MW-6	2/23/1999	ND<25	FALSE
MW-6	8/24/1999	ND<25	FALSE
MW-6	2/10/2000	ND<25	FALSE
MW-6	8/3/2000	ND<25	FALSE
MW-6	2/8/2001	ND<25	FALSE
MW-6	8/8/2001	ND<25	FALSE
MW-6	2/14/2002	ND<25	FALSE
MW-6	8/22/2002	ND<25	FALSE
MW-6	2/6/2003	ND<25	FALSE
MW-6	8/13/2003	ND<25	FALSE
MW-6	2/18/2004	ND<25	FALSE
MW-6	8/26/2004	ND<25	FALSE
MW-6	2/22/2005	ND<25	FALSE
MW-6	8/9/2005	ND<25	FALSE
MW-6	2/22/2006	ND<25	FALSE
MW-6	8/29/2006	ND<25	FALSE
MW-6	2/7/2007	ND<5	FALSE
MW-6	8/14/2007	ND<0.1	FALSE
MW-6	2/12/2008	ND<0.02	FALSE
MW-6	8/6/2009	20.2	FALSE
MW-12	5/4/2004	ND<25	FALSE
MW-12	8/26/2004	69	FALSE
MW-12	11/30/2004	ND<25	FALSE
MW-12	2/22/2005	177	TRUE
MW-12	8/9/2005	183	TRUE
MW-12	2/22/2006	112	FALSE
MW-12	8/29/2006	59	FALSE
MW-12	2/7/2007	ND<5	FALSE
MW-12	8/14/2007	26	FALSE
MW-12	2/12/2008	25	FALSE
MW-12	8/5/2009	16.3	FALSE
MW-8	12/30/1997	481	TRUE
MW-8	2/25/1998	599	TRUE
MW-8	4/27/1998	70	FALSE
MW-8	6/8/1998	ND<25	FALSE
MW-8	2/23/1999	ND<25	FALSE
MW-8	8/24/1999	ND<25	FALSE
MW-8	2/10/2000	ND<25	FALSE
MW-8	8/3/2000	75	FALSE
MW-8	2/8/2001	52	FALSE
MW-8	8/8/2001	85	FALSE
MW-8	2/14/2002	ND<25	FALSE
MW-8	8/22/2002	ND<25	FALSE
MW-8	2/6/2003	189	TRUE
MW-8	8/13/2003	94	FALSE
MW-8	2/18/2004	ND<25	FALSE
MW-8	8/26/2004	63	FALSE

MW-8	2/22/2005	70	FALSE
MW-8	8/9/2005	85	FALSE
MW-8	2/22/2006	77	FALSE
MW-8	8/29/2006	ND<25	FALSE
MW-8	2/7/2007	12	FALSE
MW-8	8/14/2007	13	FALSE
MW-8	2/12/2008	29	FALSE
MW-8	8/5/2009	34.9	FALSE

Poisson Tolerance Limit

Parameter: Cadmium, total

Original Data (Not Transformed)
Non-Detects Replaced with Detection Limit

Poisson Count of 24 background Samples = 21.6
Degrees of Freedom = 45

95% Confidence Values

Chi-Squared Value (95% Confidence) = 61.6562
Lambda (from Zack's formula) = 1.2845
Smallest Degrees of Freedom = 8
Upper Tolerance Limit (95%) = 3

99% Confidence Values

Chi-Squared Value (99% Confidence) = 69.9569
Lambda (from Zack's formula) = 1.45744
Smallest Degrees of Freedom = 11
Upper Tolerance Limit (99%) = 4.5

	Date	Result	Impacted 95%	Impacted 99%
MW-8	12/30/1997	1.8	FALSE	FALSE
	2/25/1998	2	FALSE	FALSE
	4/27/1998	ND<1	FALSE	FALSE
	6/8/1998	ND<1	FALSE	FALSE
	2/23/1999	ND<1	FALSE	FALSE
	8/24/1999	ND<1	FALSE	FALSE
	2/10/2000	ND<1	FALSE	FALSE
	8/3/2000	ND<1	FALSE	FALSE
	2/8/2001	ND<1	FALSE	FALSE
	8/8/2001	ND<1	FALSE	FALSE
	2/14/2002	ND<1	FALSE	FALSE
	8/22/2002	ND<1	FALSE	FALSE
	2/6/2003	ND<1	FALSE	FALSE
	8/13/2003	ND<1	FALSE	FALSE
	2/18/2004	ND<1	FALSE	FALSE
	8/26/2004	ND<1	FALSE	FALSE
	2/22/2005	ND<1	FALSE	FALSE
	8/9/2005	ND<1	FALSE	FALSE
	2/22/2006	ND<1	FALSE	FALSE
	8/29/2006	ND<1	FALSE	FALSE
	2/7/2007	ND<1	FALSE	FALSE
	8/14/2007	ND<0.06	FALSE	FALSE
	2/12/2008	ND<0.04	FALSE	FALSE
	8/5/2009	3.9	TRUE	FALSE
MW-9	12/30/1997	ND<1	FALSE	FALSE
	2/25/1998	ND<1	FALSE	FALSE
	4/27/1998	ND<1	FALSE	FALSE
	6/8/1998	ND<1	FALSE	FALSE
	2/23/1999	ND<1	FALSE	FALSE
	8/24/1999	ND<1	FALSE	FALSE
	2/10/2000	ND<1	FALSE	FALSE
	8/3/2000	ND<1	FALSE	FALSE
	2/8/2001	ND<1	FALSE	FALSE
	8/8/2001	ND<1	FALSE	FALSE
	2/14/2002	ND<1	FALSE	FALSE
	8/22/2002	2	FALSE	FALSE
	2/6/2003	ND<1	FALSE	FALSE
	8/13/2003	ND<1	FALSE	FALSE
	2/18/2004	ND<1	FALSE	FALSE
	8/26/2004	ND<1	FALSE	FALSE
	8/26/2004	ND<1	FALSE	FALSE
	2/22/2005	ND<1	FALSE	FALSE
	8/9/2005	ND<1	FALSE	FALSE
	2/22/2006	ND<1	FALSE	FALSE
	8/29/2006	ND<1	FALSE	FALSE

	2/7/2007	ND<1	FALSE	FALSE
	8/14/2007	ND<0.06	FALSE	FALSE
	2/12/2008	ND<0.04	FALSE	FALSE
	8/5/2009	1.1	FALSE	FALSE
MW-6	12/30/1997	ND<1	FALSE	FALSE
	2/25/1998	ND<1	FALSE	FALSE
	4/27/1998	ND<1	FALSE	FALSE
	6/8/1998	ND<1	FALSE	FALSE
	2/23/1999	ND<1	FALSE	FALSE
	8/24/1999	ND<1	FALSE	FALSE
	2/10/2000	ND<1	FALSE	FALSE
	8/3/2000	ND<1	FALSE	FALSE
	2/8/2001	ND<1	FALSE	FALSE
	8/8/2001	ND<1	FALSE	FALSE
	2/14/2002	ND<1	FALSE	FALSE
	8/22/2002	ND<1	FALSE	FALSE
	2/6/2003	ND<1	FALSE	FALSE
	8/13/2003	ND<1	FALSE	FALSE
	2/18/2004	ND<1	FALSE	FALSE
	8/26/2004	ND<1	FALSE	FALSE
	2/22/2005	ND<1	FALSE	FALSE
	8/9/2005	ND<1	FALSE	FALSE
	2/22/2006	ND<1	FALSE	FALSE
	8/29/2006	ND<1	FALSE	FALSE
	2/7/2007	ND<1	FALSE	FALSE
	8/14/2007	ND<0.06	FALSE	FALSE
	2/12/2008	ND<0.04	FALSE	FALSE
	8/6/2009	3.3	TRUE	FALSE
MW-12	5/4/2004	ND<1	FALSE	FALSE
	8/26/2004	ND<1	FALSE	FALSE
	11/30/2004	ND<1	FALSE	FALSE
	2/22/2005	ND<1	FALSE	FALSE
	8/9/2005	2	FALSE	FALSE
	2/22/2006	2	FALSE	FALSE
	8/29/2006	ND<1	FALSE	FALSE
	2/7/2007	ND<1	FALSE	FALSE
	8/14/2007	ND<0.06	FALSE	FALSE
	2/12/2008	2.5	FALSE	FALSE
	8/5/2009	5.1	TRUE	TRUE

Laboratory Results

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August 20, 2009

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

RE: Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Dear Mr. Pfohl:
Enclosed are the analytical results for sample(s) received by the laboratory on August 07, 2009. 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,

Bonnie McKee

Bonnie McKee

bonnie.mckee@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Charlotte Certification IDs

Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
North Carolina Wastewater Certification #: 12
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84

Asheville Certification IDs

Connecticut Certification #: PH-0106
Virginia Certification #: 00072
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002
Pennsylvania Certification #: 68-03578
West Virginia Certification #: 356
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095
Florida/NELAP Certification #: E87648
North Carolina Wastewater Certification #: 40

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SAMPLE SUMMARY

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9250424001	**MW-1**	Water	08/04/09 15:00	08/07/09 14:37
9250424002	**MW-2**	Water	08/06/09 17:30	08/07/09 14:37
9250424003	**MW-3**	Water	08/05/09 16:05	08/07/09 14:37
9250424004	**MW-4**	Water	08/06/09 15:40	08/07/09 14:37
9250424005	**MW-5**	Water	08/06/09 11:30	08/07/09 14:37
9250424006	**MW-6**	Water	08/06/09 15:05	08/07/09 14:37
9250424007	**MW-7**	Water	08/06/09 13:00	08/07/09 14:37
9250424008	**MW-8**	Water	08/05/09 14:35	08/07/09 14:37
9250424009	**MW-9**	Water	08/05/09 15:35	08/07/09 14:37
9250424010	**MW-10**	Water	08/05/09 15:05	08/07/09 14:37
9250424011	**MW-11**	Water	08/05/09 14:00	08/07/09 14:37
9250424012	**MW-12**	Water	08/05/09 13:35	08/07/09 14:37
9250424013	**MW-13**	Water	08/04/09 16:30	08/07/09 14:37
9250424014	**SW-2**	Water	08/04/09 17:40	08/07/09 14:37
9250424015	**SW-3**	Water	08/06/09 16:20	08/07/09 14:37
9250424016	**SW-4**	Water	08/06/09 16:35	08/07/09 14:37
9250424017	**SW-5**	Water	08/06/09 17:00	08/07/09 14:37
9250424018	**LE-1**	Water	08/05/09 17:55	08/07/09 14:37
9250424019	**LE-2**	Water	08/05/09 17:10	08/07/09 14:37
9250424020	**LS-4**	Water	08/05/09 17:35	08/07/09 14:37
9250424021	**LS-5**	Water	08/05/09 16:30	08/07/09 14:37
9250424022	**LS-6**	Water	08/05/09 16:50	08/07/09 14:37

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SAMPLE ANALYTE COUNT

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9250424001	**MW-1**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424002	**MW-2**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424003	**MW-3**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424004	**MW-4**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424005	**MW-5**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424006	**MW-6**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424007	**MW-7**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424008	**MW-8**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424009	**MW-9**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424010	**MW-10**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424011	**MW-11**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424012	**MW-12**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424013	**MW-13**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424014	**SW-2**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424015	**SW-3**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424016	**SW-4**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424017	**SW-5**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424018	**LE-1**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424019	**LE-2**	EPA 6010	SHB	15	PASI-A

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SAMPLE ANALYTE COUNT

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	MCK	54	PASI-C
9250424020	**LS-4**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424021	**LS-5**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250424022	**LS-6**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-1 **Lab ID: 9250424001** Collected: 08/04/09 15:00 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 03:28	7440-36-0	
Arsenic	**6.8J**	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 03:28	7440-38-2	
Barium	**23.4J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 03:28	7440-39-3	
Beryllium	**0.35J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 03:28	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 03:28	7440-43-9	
Chromium	**21.6**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:28	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 03:28	7440-48-4	
Copper	**3.6J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 03:28	7440-50-8	
Lead	**5.2J**	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 03:28	7439-92-1	
Nickel	**1.7J**	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 03:28	7440-02-0	
Selenium	**4.6J**	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 03:28	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 03:28	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 03:28	7440-28-0	
Vanadium	**48.2**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 03:28	7440-62-2	
Zinc	**13.4**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:28	7440-66-6	R1,Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/12/09 22:25	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 22:25	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/12/09 22:25	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 22:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 22:25	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 22:25	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 22:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 22:25	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/12/09 22:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 22:25	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/12/09 22:25	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 22:25	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 22:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 22:25	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 22:25	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 22:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 22:25	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 22:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 22:25	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/12/09 22:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 22:25	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/12/09 22:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/12/09 22:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 22:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/12/09 22:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 22:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 22:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 22:25	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 22:25	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-1 **Lab ID: 9250424001** Collected: 08/04/09 15:00 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 22:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/09 22:25	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 22:25	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 22:25	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 22:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 22:25	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 22:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 22:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 22:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 22:25	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/09 22:25	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 22:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 22:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 22:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 22:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 22:25	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 22:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 22:25	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/12/09 22:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/09 22:25	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/09 22:25	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		08/12/09 22:25	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		08/12/09 22:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120		1		08/12/09 22:25	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/12/09 22:25	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-2 **Lab ID: 9250424002** Collected: 08/06/09 17:30 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 03:35	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 03:35	7440-38-2	
Barium	**19.8J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 03:35	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 03:35	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 03:35	7440-43-9	
Chromium	**2.3J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:35	7440-47-3	
Cobalt	**8.5J**	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 03:35	7440-48-4	
Copper	**0.34J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 03:35	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 03:35	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 03:35	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 03:35	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 03:35	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 03:35	7440-28-0	
Vanadium	**2.2J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 03:35	7440-62-2	
Zinc	**6.7J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:35	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**12.2J**	ug/L	100	2.2	1		08/13/09 01:15	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 01:15	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 01:15	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 01:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 01:15	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 01:15	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 01:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 01:15	78-93-3	
Carbon disulfide	**2.4J**	ug/L	100	1.2	1		08/13/09 01:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 01:15	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 01:15	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 01:15	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 01:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 01:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 01:15	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 01:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 01:15	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 01:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 01:15	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 01:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 01:15	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 01:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 01:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 01:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 01:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 01:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 01:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 01:15	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 01:15	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-2 **Lab ID: 9250424002** Collected: 08/06/09 17:30 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 01:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 01:15	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 01:15	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 01:15	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 01:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 01:15	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 01:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 01:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 01:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 01:15	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 01:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 01:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 01:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 01:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 01:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 01:15	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 01:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 01:15	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 01:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 01:15	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 01:15	95-47-6	
4-Bromofluorobenzene (S)	95	%	87-109		1		08/13/09 01:15	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		08/13/09 01:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	79-120		1		08/13/09 01:15	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/13/09 01:15	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-3 **Lab ID: 9250424003** Collected: 08/05/09 16:05 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 03:39	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 03:39	7440-38-2	
Barium	**21.6J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 03:39	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 03:39	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 03:39	7440-43-9	
Chromium	**3.4J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:39	7440-47-3	
Cobalt	**6.7J**	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 03:39	7440-48-4	
Copper	**2.2J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 03:39	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 03:39	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 03:39	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 03:39	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 03:39	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 03:39	7440-28-0	
Vanadium	**2.5J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 03:39	7440-62-2	
Zinc	**8.8J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:39	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/12/09 23:22	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 23:22	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/12/09 23:22	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 23:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 23:22	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 23:22	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 23:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 23:22	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/12/09 23:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 23:22	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/12/09 23:22	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 23:22	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 23:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 23:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 23:22	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 23:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 23:22	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 23:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 23:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/12/09 23:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 23:22	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/12/09 23:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/12/09 23:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 23:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/12/09 23:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 23:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 23:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 23:22	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 23:22	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-3 **Lab ID: 9250424003** Collected: 08/05/09 16:05 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 23:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/09 23:22	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 23:22	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 23:22	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 23:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 23:22	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 23:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 23:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 23:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 23:22	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/09 23:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 23:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 23:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 23:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 23:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 23:22	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 23:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 23:22	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/12/09 23:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/09 23:22	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/09 23:22	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/09 23:22	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		08/12/09 23:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/12/09 23:22	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/12/09 23:22	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-4 **Lab ID: 9250424004** Collected: 08/06/09 15:40 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 03:44	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 03:44	7440-38-2	
Barium	**30.0J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 03:44	7440-39-3	
Beryllium	**0.11J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 03:44	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 03:44	7440-43-9	
Chromium	**0.59J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:44	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 03:44	7440-48-4	
Copper	**0.63J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 03:44	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 03:44	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 03:44	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 03:44	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 03:44	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 03:44	7440-28-0	
Vanadium	**1.2J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 03:44	7440-62-2	
Zinc	**6.2J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:44	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 01:34	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 01:34	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 01:34	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 01:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 01:34	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 01:34	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 01:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 01:34	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 01:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 01:34	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 01:34	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 01:34	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 01:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 01:34	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 01:34	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 01:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 01:34	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 01:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 01:34	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 01:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 01:34	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 01:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 01:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 01:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 01:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 01:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 01:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 01:34	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 01:34	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-4 **Lab ID: 9250424004** Collected: 08/06/09 15:40 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 01:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 01:34	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 01:34	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 01:34	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 01:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 01:34	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 01:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 01:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 01:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 01:34	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 01:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 01:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 01:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 01:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 01:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 01:34	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 01:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 01:34	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 01:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 01:34	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 01:34	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/13/09 01:34	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		08/13/09 01:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	79-120		1		08/13/09 01:34	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/13/09 01:34	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-5 **Lab ID: 9250424005** Collected: 08/06/09 11:30 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 03:47	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 03:47	7440-38-2	
Barium	**30.2J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 03:47	7440-39-3	
Beryllium	**0.12J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 03:47	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 03:47	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:47	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 03:47	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 03:47	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 03:47	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 03:47	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 03:47	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 03:47	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 03:47	7440-28-0	
Vanadium	**0.29J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 03:47	7440-62-2	
Zinc	**6.7J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:47	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 01:53	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 01:53	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 01:53	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 01:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 01:53	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 01:53	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 01:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 01:53	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 01:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 01:53	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 01:53	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 01:53	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 01:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 01:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 01:53	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 01:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 01:53	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 01:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 01:53	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 01:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 01:53	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 01:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 01:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 01:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 01:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 01:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 01:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 01:53	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 01:53	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-5 **Lab ID: 9250424005** Collected: 08/06/09 11:30 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 01:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 01:53	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 01:53	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 01:53	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 01:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 01:53	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 01:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 01:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 01:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 01:53	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 01:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 01:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 01:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 01:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 01:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 01:53	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 01:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 01:53	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 01:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 01:53	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 01:53	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/13/09 01:53	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		08/13/09 01:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/13/09 01:53	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/13/09 01:53	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-6 **Lab ID: 9250424006** Collected: 08/06/09 15:05 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:01	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:01	7440-38-2	
Barium	**25.4J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:01	7440-39-3	
Beryllium	**0.13J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:01	7440-41-7	
Cadmium	**3.3**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:01	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:01	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:01	7440-48-4	
Copper	**1.0J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:01	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:01	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:01	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:01	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:01	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:01	7440-28-0	
Vanadium	**0.37J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:01	7440-62-2	
Zinc	**20.2**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:01	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 02:12	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 02:12	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 02:12	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 02:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 02:12	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 02:12	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 02:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 02:12	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 02:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 02:12	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 02:12	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 02:12	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 02:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 02:12	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 02:12	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 02:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 02:12	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 02:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 02:12	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 02:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 02:12	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 02:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 02:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 02:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 02:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 02:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 02:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 02:12	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 02:12	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-6 **Lab ID: 9250424006** Collected: 08/06/09 15:05 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 02:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 02:12	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 02:12	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 02:12	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 02:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 02:12	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 02:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 02:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 02:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 02:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 02:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 02:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 02:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 02:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 02:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 02:12	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 02:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 02:12	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 02:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 02:12	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 02:12	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/13/09 02:12	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		08/13/09 02:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/13/09 02:12	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/13/09 02:12	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-7 **Lab ID: 9250424007** Collected: 08/06/09 13:00 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:04	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:04	7440-38-2	
Barium	**41.4J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:04	7440-39-3	
Beryllium	**0.12J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:04	7440-41-7	
Cadmium	**0.68J**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:04	7440-43-9	
Chromium	**0.58J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:04	7440-47-3	
Cobalt	**5.5J**	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:04	7440-48-4	
Copper	**0.81J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:04	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:04	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:04	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:04	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:04	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:04	7440-28-0	
Vanadium	**1.2J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:04	7440-62-2	
Zinc	**11.5**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:04	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 02:31	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 02:31	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 02:31	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 02:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 02:31	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 02:31	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 02:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 02:31	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 02:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 02:31	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 02:31	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 02:31	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 02:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 02:31	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 02:31	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 02:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 02:31	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 02:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 02:31	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 02:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 02:31	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 02:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 02:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 02:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 02:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 02:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 02:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 02:31	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 02:31	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-7 **Lab ID: 9250424007** Collected: 08/06/09 13:00 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 02:31	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 02:31	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 02:31	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 02:31	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 02:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 02:31	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 02:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 02:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 02:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 02:31	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 02:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 02:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 02:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 02:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 02:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 02:31	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 02:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 02:31	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 02:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 02:31	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 02:31	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		08/13/09 02:31	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		08/13/09 02:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/13/09 02:31	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		08/13/09 02:31	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-8 **Lab ID: 9250424008** Collected: 08/05/09 14:35 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:08	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:08	7440-38-2	
Barium	**26.3J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:08	7440-39-3	
Beryllium	**0.32J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:08	7440-41-7	
Cadmium	**3.9**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:08	7440-43-9	
Chromium	**3.8J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:08	7440-47-3	
Cobalt	**2.4J**	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:08	7440-48-4	
Copper	**3.0J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:08	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:08	7439-92-1	
Nickel	**4.0J**	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:08	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:08	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:08	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:08	7440-28-0	
Vanadium	**5.2J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:08	7440-62-2	
Zinc	**34.9**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:08	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/12/09 23:41	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 23:41	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/12/09 23:41	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 23:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 23:41	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 23:41	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 23:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 23:41	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/12/09 23:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 23:41	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/12/09 23:41	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 23:41	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 23:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 23:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 23:41	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 23:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 23:41	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 23:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 23:41	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/12/09 23:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 23:41	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/12/09 23:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/12/09 23:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 23:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/12/09 23:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 23:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 23:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 23:41	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 23:41	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-8 **Lab ID: 9250424008** Collected: 08/05/09 14:35 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 23:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/09 23:41	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 23:41	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 23:41	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 23:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 23:41	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 23:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 23:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 23:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 23:41	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/09 23:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 23:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 23:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 23:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 23:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 23:41	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 23:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 23:41	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/12/09 23:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/09 23:41	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/09 23:41	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		08/12/09 23:41	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		08/12/09 23:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	79-120		1		08/12/09 23:41	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/12/09 23:41	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-9 **Lab ID: 9250424009** Collected: 08/05/09 15:35 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:12	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:12	7440-38-2	
Barium	**20.1J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:12	7440-39-3	
Beryllium	**0.17J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:12	7440-41-7	
Cadmium	**1.1**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:12	7440-43-9	
Chromium	**2.5J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:12	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:12	7440-48-4	
Copper	**0.70J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:12	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:12	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:12	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:12	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:12	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:12	7440-28-0	
Vanadium	**2.6J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:12	7440-62-2	
Zinc	**8.5J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:12	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 00:00	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 00:00	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 00:00	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 00:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 00:00	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 00:00	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 00:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 00:00	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 00:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 00:00	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 00:00	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 00:00	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 00:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 00:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 00:00	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 00:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 00:00	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 00:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 00:00	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 00:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 00:00	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 00:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 00:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 00:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 00:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 00:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 00:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 00:00	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 00:00	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-9 **Lab ID: 9250424009** Collected: 08/05/09 15:35 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 00:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 00:00	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 00:00	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 00:00	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 00:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 00:00	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 00:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 00:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 00:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 00:00	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 00:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 00:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 00:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 00:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 00:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 00:00	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 00:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 00:00	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 00:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 00:00	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 00:00	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		08/13/09 00:00	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		08/13/09 00:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/13/09 00:00	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		08/13/09 00:00	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-10 **Lab ID: 9250424010** Collected: 08/05/09 15:05 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:15	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:15	7440-38-2	
Barium	**41.6J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:15	7440-39-3	
Beryllium	**0.22J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:15	7440-41-7	
Cadmium	**1.1**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:15	7440-43-9	
Chromium	**1.0J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:15	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:15	7440-48-4	
Copper	**1.0J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:15	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:15	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:15	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:15	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:15	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:15	7440-28-0	
Vanadium	**1.4J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:15	7440-62-2	
Zinc	**4.3J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:15	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 00:19	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 00:19	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 00:19	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 00:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 00:19	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 00:19	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 00:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 00:19	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 00:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 00:19	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 00:19	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 00:19	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 00:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 00:19	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 00:19	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 00:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 00:19	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 00:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 00:19	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 00:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 00:19	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 00:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 00:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 00:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 00:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 00:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 00:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 00:19	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 00:19	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-10 **Lab ID: 9250424010** Collected: 08/05/09 15:05 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 00:19	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 00:19	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 00:19	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 00:19	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 00:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 00:19	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 00:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 00:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 00:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 00:19	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 00:19	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 00:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 00:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 00:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 00:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 00:19	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 00:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 00:19	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 00:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 00:19	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 00:19	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		08/13/09 00:19	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		08/13/09 00:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/13/09 00:19	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		08/13/09 00:19	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-11 **Lab ID: 9250424011** Collected: 08/05/09 14:00 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:19	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:19	7440-38-2	
Barium	**24.1J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:19	7440-39-3	
Beryllium	**0.18J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:19	7440-41-7	
Cadmium	**0.84J**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:19	7440-43-9	
Chromium	**0.81J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:19	7440-47-3	
Cobalt	**1.2J**	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:19	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:19	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:19	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:19	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:19	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:19	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:19	7440-28-0	
Vanadium	**0.87J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:19	7440-62-2	
Zinc	**9.7J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:19	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 00:38	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 00:38	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 00:38	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 00:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 00:38	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 00:38	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 00:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 00:38	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 00:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 00:38	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 00:38	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 00:38	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 00:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 00:38	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 00:38	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 00:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 00:38	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 00:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 00:38	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 00:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 00:38	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 00:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 00:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 00:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 00:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 00:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 00:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 00:38	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 00:38	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-11 **Lab ID: 9250424011** Collected: 08/05/09 14:00 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 00:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 00:38	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 00:38	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 00:38	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 00:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 00:38	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 00:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 00:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 00:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 00:38	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 00:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 00:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 00:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 00:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 00:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 00:38	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 00:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 00:38	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 00:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 00:38	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 00:38	95-47-6	
4-Bromofluorobenzene (S)	96	%	87-109		1		08/13/09 00:38	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		08/13/09 00:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/13/09 00:38	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		08/13/09 00:38	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-12 **Lab ID: 9250424012** Collected: 08/05/09 13:35 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:22	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:22	7440-38-2	
Barium	**24.5J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:22	7440-39-3	
Beryllium	**0.14J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:22	7440-41-7	
Cadmium	**5.1**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:22	7440-43-9	
Chromium	**1.0J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:22	7440-47-3	
Cobalt	**1.4J**	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:22	7440-48-4	
Copper	**4.0J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:22	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:22	7439-92-1	
Nickel	**3.2J**	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:22	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:22	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:22	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:22	7440-28-0	
Vanadium	**0.90J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:22	7440-62-2	
Zinc	**16.3**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:22	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 00:57	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 00:57	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 00:57	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 00:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 00:57	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 00:57	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 00:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 00:57	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 00:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 00:57	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 00:57	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 00:57	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 00:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 00:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 00:57	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 00:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 00:57	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 00:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 00:57	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 00:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 00:57	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 00:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 00:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 00:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 00:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 00:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 00:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 00:57	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 00:57	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-12 **Lab ID: 9250424012** Collected: 08/05/09 13:35 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 00:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 00:57	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 00:57	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 00:57	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 00:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 00:57	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 00:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 00:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 00:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 00:57	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 00:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 00:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 00:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 00:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 00:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 00:57	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 00:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 00:57	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 00:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 00:57	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 00:57	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/13/09 00:57	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		08/13/09 00:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/13/09 00:57	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		08/13/09 00:57	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-13 **Lab ID: 9250424013** Collected: 08/04/09 16:30 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:26	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:26	7440-38-2	
Barium	**24.0J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:26	7440-39-3	
Beryllium	**0.12J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:26	7440-41-7	
Cadmium	**0.63J**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:26	7440-43-9	
Chromium	**0.61J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:26	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:26	7440-48-4	
Copper	**1.4J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:26	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:26	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:26	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:26	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:26	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:26	7440-28-0	
Vanadium	**0.60J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:26	7440-62-2	
Zinc	**8.5J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:26	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/12/09 22:44	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 22:44	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/12/09 22:44	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 22:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 22:44	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 22:44	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 22:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 22:44	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/12/09 22:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 22:44	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/12/09 22:44	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 22:44	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 22:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 22:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 22:44	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 22:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 22:44	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 22:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 22:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/12/09 22:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 22:44	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/12/09 22:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/12/09 22:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 22:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/12/09 22:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 22:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 22:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 22:44	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 22:44	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: MW-13 **Lab ID: 9250424013** Collected: 08/04/09 16:30 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 22:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/09 22:44	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 22:44	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 22:44	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 22:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 22:44	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 22:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 22:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 22:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 22:44	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/09 22:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 22:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 22:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 22:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 22:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 22:44	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 22:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 22:44	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/12/09 22:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/09 22:44	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/09 22:44	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/09 22:44	460-00-4	
Dibromofluoromethane (S)	101	%	85-115		1		08/12/09 22:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/12/09 22:44	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		08/12/09 22:44	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: SW-2 **Lab ID: 9250424014** Collected: 08/04/09 17:40 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:29	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:29	7440-38-2	
Barium	**9.3J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:29	7440-39-3	
Beryllium	**0.10J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:29	7440-41-7	
Cadmium	**0.52J**	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:29	7440-43-9	
Chromium	**0.59J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:29	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:29	7440-48-4	
Copper	**0.51J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:29	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:29	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:29	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:29	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:29	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:29	7440-28-0	
Vanadium	**0.92J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:29	7440-62-2	
Zinc	**5.0J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:29	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/12/09 23:03	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 23:03	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/12/09 23:03	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 23:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 23:03	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 23:03	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 23:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 23:03	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/12/09 23:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 23:03	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/12/09 23:03	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 23:03	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 23:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 23:03	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 23:03	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 23:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 23:03	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 23:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 23:03	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/12/09 23:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 23:03	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/12/09 23:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/12/09 23:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 23:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/12/09 23:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 23:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 23:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 23:03	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 23:03	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: SW-2 **Lab ID: 9250424014** Collected: 08/04/09 17:40 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 23:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/09 23:03	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 23:03	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 23:03	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 23:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 23:03	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 23:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 23:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 23:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 23:03	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/09 23:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 23:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 23:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 23:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 23:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 23:03	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 23:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 23:03	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/12/09 23:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/09 23:03	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/09 23:03	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/09 23:03	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		08/12/09 23:03	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/12/09 23:03	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/12/09 23:03	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: SW-3 **Lab ID: 9250424015** Collected: 08/06/09 16:20 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:32	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:32	7440-38-2	
Barium	**25.4J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:32	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:32	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:32	7440-43-9	
Chromium	**1.1J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:32	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:32	7440-48-4	
Copper	**0.32J**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:32	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:32	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:32	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:32	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:32	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:32	7440-28-0	
Vanadium	**1.4J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:32	7440-62-2	
Zinc	**7.9J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:32	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 02:50	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 02:50	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 02:50	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 02:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 02:50	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 02:50	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 02:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 02:50	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 02:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 02:50	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 02:50	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 02:50	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 02:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 02:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 02:50	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 02:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 02:50	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 02:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 02:50	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 02:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 02:50	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 02:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 02:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 02:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 02:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 02:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 02:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 02:50	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 02:50	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: SW-3 **Lab ID: 9250424015** Collected: 08/06/09 16:20 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 02:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 02:50	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 02:50	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 02:50	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 02:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 02:50	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 02:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 02:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 02:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 02:50	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 02:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 02:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 02:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 02:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 02:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 02:50	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 02:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 02:50	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 02:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 02:50	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 02:50	95-47-6	
4-Bromofluorobenzene (S)	95	%	87-109		1		08/13/09 02:50	460-00-4	
Dibromofluoromethane (S)	105	%	85-115		1		08/13/09 02:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/13/09 02:50	17060-07-0	
Toluene-d8 (S)	102	%	70-120		1		08/13/09 02:50	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: SW-4 **Lab ID: 9250424016** Collected: 08/06/09 16:35 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:46	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:46	7440-38-2	
Barium	**53.9J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:46	7440-39-3	
Beryllium	**0.11J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:46	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:46	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:46	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:46	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:46	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:46	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:46	7440-02-0	
Selenium	**4.1J**	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:46	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:46	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:46	7440-28-0	
Vanadium	**0.95J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:46	7440-62-2	
Zinc	**7.4J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:46	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 03:09	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 03:09	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 03:09	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 03:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 03:09	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 03:09	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 03:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 03:09	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 03:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 03:09	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 03:09	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 03:09	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 03:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 03:09	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 03:09	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 03:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 03:09	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 03:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 03:09	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 03:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 03:09	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 03:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 03:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 03:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 03:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 03:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 03:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 03:09	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 03:09	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: SW-4 **Lab ID: 9250424016** Collected: 08/06/09 16:35 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 03:09	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 03:09	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 03:09	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 03:09	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 03:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 03:09	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 03:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 03:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 03:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 03:09	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 03:09	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 03:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 03:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 03:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 03:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 03:09	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 03:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 03:09	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 03:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 03:09	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 03:09	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		08/13/09 03:09	460-00-4	
Dibromofluoromethane (S)	103	%	85-115		1		08/13/09 03:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/13/09 03:09	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/13/09 03:09	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: SW-5 **Lab ID: 9250424017** Collected: 08/06/09 17:00 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 04:50	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:50	7440-38-2	
Barium	**58.2J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:50	7440-39-3	
Beryllium	**0.10J**	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:50	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:50	7440-43-9	
Chromium	**0.53J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:50	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:50	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:50	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:50	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:50	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:50	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:50	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:50	7440-28-0	
Vanadium	**1.2J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:50	7440-62-2	
Zinc	**5.1J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:50	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/13/09 03:27	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/13/09 03:27	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/13/09 03:27	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/13/09 03:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/13/09 03:27	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/13/09 03:27	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/13/09 03:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/13/09 03:27	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/13/09 03:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/13/09 03:27	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/13/09 03:27	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/13/09 03:27	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/13/09 03:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/13/09 03:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/13/09 03:27	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/13/09 03:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/13/09 03:27	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/13/09 03:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/13/09 03:27	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/13/09 03:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/13/09 03:27	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/13/09 03:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/13/09 03:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/13/09 03:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/13/09 03:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/13/09 03:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/13/09 03:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/13/09 03:27	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/13/09 03:27	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: SW-5 **Lab ID: 9250424017** Collected: 08/06/09 17:00 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/13/09 03:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/09 03:27	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/13/09 03:27	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/13/09 03:27	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/13/09 03:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/13/09 03:27	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/13/09 03:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/13/09 03:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/13/09 03:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/13/09 03:27	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/09 03:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/13/09 03:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/13/09 03:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/13/09 03:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/13/09 03:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/13/09 03:27	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/13/09 03:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/13/09 03:27	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/13/09 03:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/09 03:27	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/09 03:27	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		08/13/09 03:27	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		08/13/09 03:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/13/09 03:27	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/13/09 03:27	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LE-1 **Lab ID: 9250424018** Collected: 08/05/09 17:55 Received: 08/07/09 14:37 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	**2.6J**	ug/L	6.0	2.6	1	08/11/09 11:50	08/13/09 04:53	7440-36-0	
Arsenic	**24.4**	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:53	7440-38-2	
Barium	**249**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:53	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:53	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:53	7440-43-9	
Chromium	**25.4**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:53	7440-47-3	
Cobalt	**12.0**	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:53	7440-48-4	
Copper	**1770**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:53	7440-50-8	
Lead	**188**	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:53	7439-92-1	
Nickel	**77.4**	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:53	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:53	7782-49-2	
Silver	**0.51J**	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:53	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:53	7440-28-0	
Vanadium	**16.2J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:53	7440-62-2	
Zinc	**101**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:53	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**10.4J**	ug/L	100	2.2	1		08/12/09 14:51	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 14:51	107-13-1	
Benzene	**3.5**	ug/L	1.0	0.25	1		08/12/09 14:51	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 14:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 14:51	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 14:51	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 14:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 14:51	78-93-3	
Carbon disulfide	**2.2J**	ug/L	100	1.2	1		08/12/09 14:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 14:51	56-23-5	
Chlorobenzene	**1.2J**	ug/L	3.0	0.23	1		08/12/09 14:51	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 14:51	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 14:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 14:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 14:51	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 14:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 14:51	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 14:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 14:51	95-50-1	
1,4-Dichlorobenzene	**2.2**	ug/L	1.0	0.33	1		08/12/09 14:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 14:51	110-57-6	
1,1-Dichloroethane	**0.35J**	ug/L	5.0	0.32	1		08/12/09 14:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/12/09 14:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 14:51	75-35-4	
cis-1,2-Dichloroethene	**0.20J**	ug/L	5.0	0.19	1		08/12/09 14:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 14:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 14:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 14:51	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 14:51	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LE-1 **Lab ID: 9250424018** Collected: 08/05/09 17:55 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 14:51	10061-02-6	
Ethylbenzene	**7.3**	ug/L	1.0	0.30	1		08/12/09 14:51	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 14:51	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 14:51	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 14:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 14:51	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 14:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 14:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 14:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 14:51	127-18-4	
Toluene	**0.44J**	ug/L	1.0	0.26	1		08/12/09 14:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 14:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 14:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 14:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 14:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 14:51	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 14:51	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 14:51	75-01-4	
Xylene (Total)	**18.8**	ug/L	5.0	0.66	1		08/12/09 14:51	1330-20-7	
m&p-Xylene	**13.5**	ug/L	2.0	0.66	1		08/12/09 14:51	1330-20-7	
o-Xylene	**5.3**	ug/L	1.0	0.23	1		08/12/09 14:51	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/09 14:51	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		08/12/09 14:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/12/09 14:51	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/12/09 14:51	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LE-2 **Lab ID: 9250424019** Collected: 08/05/09 17:10 Received: 08/07/09 14:37 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	**5.0J**	ug/L	6.0	2.6	1	08/11/09 11:50	08/13/09 04:59	7440-36-0	
Arsenic	**17.1**	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 04:59	7440-38-2	
Barium	**315**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 04:59	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 04:59	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 04:59	7440-43-9	
Chromium	**28.5**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:59	7440-47-3	
Cobalt	**12.1**	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 04:59	7440-48-4	
Copper	**72.9**	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 04:59	7440-50-8	
Lead	**11.4**	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 04:59	7439-92-1	
Nickel	**92.8**	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 04:59	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 04:59	7782-49-2	
Silver	**0.53J**	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 04:59	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 04:59	7440-28-0	
Vanadium	**14.2J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 04:59	7440-62-2	
Zinc	**168**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 04:59	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**14.1J**	ug/L	100	2.2	1		08/12/09 15:10	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 15:10	107-13-1	
Benzene	**5.5**	ug/L	1.0	0.25	1		08/12/09 15:10	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 15:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 15:10	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 15:10	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 15:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 15:10	78-93-3	
Carbon disulfide	**3.9J**	ug/L	100	1.2	1		08/12/09 15:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 15:10	56-23-5	
Chlorobenzene	**0.92J**	ug/L	3.0	0.23	1		08/12/09 15:10	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 15:10	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 15:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 15:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 15:10	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 15:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 15:10	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 15:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 15:10	95-50-1	
1,4-Dichlorobenzene	**1.2**	ug/L	1.0	0.33	1		08/12/09 15:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 15:10	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/12/09 15:10	75-34-3	
1,2-Dichloroethane	**0.44J**	ug/L	1.0	0.12	1		08/12/09 15:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 15:10	75-35-4	
cis-1,2-Dichloroethene	**0.28J**	ug/L	5.0	0.19	1		08/12/09 15:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 15:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 15:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 15:10	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 15:10	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LE-2 **Lab ID: 9250424019** Collected: 08/05/09 17:10 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 15:10	10061-02-6	
Ethylbenzene	**7.0**	ug/L	1.0	0.30	1		08/12/09 15:10	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 15:10	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 15:10	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 15:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 15:10	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 15:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 15:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 15:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 15:10	127-18-4	
Toluene	**2.1**	ug/L	1.0	0.26	1		08/12/09 15:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 15:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 15:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 15:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 15:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 15:10	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 15:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 15:10	75-01-4	
Xylene (Total)	**20.2**	ug/L	5.0	0.66	1		08/12/09 15:10	1330-20-7	
m&p-Xylene	**15.1**	ug/L	2.0	0.66	1		08/12/09 15:10	1330-20-7	
o-Xylene	**5.1**	ug/L	1.0	0.23	1		08/12/09 15:10	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/09 15:10	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		08/12/09 15:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/12/09 15:10	17060-07-0	
Toluene-d8 (S)	103	%	70-120		1		08/12/09 15:10	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LS-4 **Lab ID: 9250424020** Collected: 08/05/09 17:35 Received: 08/07/09 14:37 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	08/14/09 12:35	08/17/09 21:08	7440-36-0	
Arsenic	**17.3**	ug/L	10.0	2.7	1	08/14/09 12:35	08/17/09 21:08	7440-38-2	
Barium	**185**	ug/L	100	0.20	1	08/14/09 12:35	08/17/09 21:08	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/14/09 12:35	08/17/09 21:08	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/14/09 12:35	08/17/09 21:08	7440-43-9	
Chromium	**19.7**	ug/L	10.0	0.40	1	08/14/09 12:35	08/17/09 21:08	7440-47-3	
Cobalt	**10.6**	ug/L	10.0	0.60	1	08/14/09 12:35	08/17/09 21:08	7440-48-4	
Copper	**36.0**	ug/L	10.0	0.30	1	08/14/09 12:35	08/17/09 21:08	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/14/09 12:35	08/17/09 21:08	7439-92-1	
Nickel	**59.7**	ug/L	50.0	1.7	1	08/14/09 12:35	08/17/09 21:08	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/14/09 12:35	08/17/09 21:08	7782-49-2	
Silver	**0.49J**	ug/L	10.0	0.10	1	08/14/09 12:35	08/17/09 21:08	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/14/09 12:35	08/17/09 21:08	7440-28-0	
Vanadium	**18.4J**	ug/L	25.0	0.20	1	08/14/09 12:35	08/17/09 21:08	7440-62-2	
Zinc	**25.6**	ug/L	10.0	0.40	1	08/14/09 12:35	08/17/09 21:08	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**7.8J**	ug/L	100	2.2	1		08/12/09 15:29	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 15:29	107-13-1	
Benzene	**6.4**	ug/L	1.0	0.25	1		08/12/09 15:29	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 15:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 15:29	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 15:29	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 15:29	78-93-3	
Carbon disulfide	**2.2J**	ug/L	100	1.2	1		08/12/09 15:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 15:29	56-23-5	
Chlorobenzene	**2.0J**	ug/L	3.0	0.23	1		08/12/09 15:29	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 15:29	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 15:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 15:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 15:29	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 15:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 15:29	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 15:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 15:29	95-50-1	
1,4-Dichlorobenzene	**3.9**	ug/L	1.0	0.33	1		08/12/09 15:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 15:29	110-57-6	
1,1-Dichloroethane	**0.61J**	ug/L	5.0	0.32	1		08/12/09 15:29	75-34-3	
1,2-Dichloroethane	**0.52J**	ug/L	1.0	0.12	1		08/12/09 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/12/09 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 15:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 15:29	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 15:29	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LS-4 **Lab ID: 9250424020** Collected: 08/05/09 17:35 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 15:29	10061-02-6	
Ethylbenzene	**13.1**	ug/L	1.0	0.30	1		08/12/09 15:29	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 15:29	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 15:29	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 15:29	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 15:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 15:29	127-18-4	
Toluene	**0.70J**	ug/L	1.0	0.26	1		08/12/09 15:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 15:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 15:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 15:29	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 15:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 15:29	75-01-4	
Xylene (Total)	**30.1**	ug/L	5.0	0.66	1		08/12/09 15:29	1330-20-7	
m&p-Xylene	**20.4**	ug/L	2.0	0.66	1		08/12/09 15:29	1330-20-7	
o-Xylene	**9.7**	ug/L	1.0	0.23	1		08/12/09 15:29	95-47-6	
4-Bromofluorobenzene (S)	101	%	87-109		1		08/12/09 15:29	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		08/12/09 15:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/12/09 15:29	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/12/09 15:29	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LS-5 **Lab ID: 9250424021** Collected: 08/05/09 16:30 Received: 08/07/09 14:37 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	**6.3**	ug/L	6.0	2.6	1	08/14/09 12:35	08/17/09 21:20	7440-36-0	
Arsenic	**9.7J**	ug/L	10.0	2.7	1	08/14/09 12:35	08/17/09 21:20	7440-38-2	
Barium	**114**	ug/L	100	0.20	1	08/14/09 12:35	08/17/09 21:20	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/14/09 12:35	08/17/09 21:20	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/14/09 12:35	08/17/09 21:20	7440-43-9	
Chromium	**22.2**	ug/L	10.0	0.40	1	08/14/09 12:35	08/17/09 21:20	7440-47-3	
Cobalt	**7.3J**	ug/L	10.0	0.60	1	08/14/09 12:35	08/17/09 21:20	7440-48-4	
Copper	**671**	ug/L	10.0	0.30	1	08/14/09 12:35	08/17/09 21:20	7440-50-8	
Lead	**12.5**	ug/L	10.0	4.0	1	08/14/09 12:35	08/17/09 21:20	7439-92-1	
Nickel	**87.9**	ug/L	50.0	1.7	1	08/14/09 12:35	08/17/09 21:20	7440-02-0	
Selenium	**6.0J**	ug/L	10.0	3.8	1	08/14/09 12:35	08/17/09 21:20	7782-49-2	
Silver	**0.58J**	ug/L	10.0	0.10	1	08/14/09 12:35	08/17/09 21:20	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/14/09 12:35	08/17/09 21:20	7440-28-0	
Vanadium	**15.3J**	ug/L	25.0	0.20	1	08/14/09 12:35	08/17/09 21:20	7440-62-2	
Zinc	**83.1**	ug/L	10.0	0.40	1	08/14/09 12:35	08/17/09 21:20	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**28.2J**	ug/L	100	2.2	1		08/12/09 15:48	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 15:48	107-13-1	
Benzene	**0.76J**	ug/L	1.0	0.25	1		08/12/09 15:48	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 15:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 15:48	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 15:48	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 15:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 15:48	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/12/09 15:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 15:48	56-23-5	
Chlorobenzene	**0.30J**	ug/L	3.0	0.23	1		08/12/09 15:48	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 15:48	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 15:48	67-66-3	
Chloromethane	**1.4**	ug/L	1.0	0.11	1		08/12/09 15:48	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 15:48	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 15:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 15:48	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 15:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 15:48	95-50-1	
1,4-Dichlorobenzene	**2.4**	ug/L	1.0	0.33	1		08/12/09 15:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 15:48	110-57-6	
1,1-Dichloroethane	**0.53J**	ug/L	5.0	0.32	1		08/12/09 15:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/12/09 15:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 15:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/12/09 15:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 15:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/12/09 15:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 15:48	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 15:48	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LS-5 **Lab ID: 9250424021** Collected: 08/05/09 16:30 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 15:48	10061-02-6	
Ethylbenzene	**1.6**	ug/L	1.0	0.30	1		08/12/09 15:48	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 15:48	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 15:48	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 15:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/12/09 15:48	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 15:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 15:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 15:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 15:48	127-18-4	
Toluene	**1.2**	ug/L	1.0	0.26	1		08/12/09 15:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 15:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 15:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 15:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 15:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 15:48	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 15:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/12/09 15:48	75-01-4	
Xylene (Total)	**8.7**	ug/L	5.0	0.66	1		08/12/09 15:48	1330-20-7	
m&p-Xylene	**7.3**	ug/L	2.0	0.66	1		08/12/09 15:48	1330-20-7	
o-Xylene	**1.4**	ug/L	1.0	0.23	1		08/12/09 15:48	95-47-6	
4-Bromofluorobenzene (S)	103	%	87-109		1		08/12/09 15:48	460-00-4	
Dibromofluoromethane (S)	104	%	85-115		1		08/12/09 15:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/09 15:48	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		08/12/09 15:48	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LS-6 **Lab ID: 9250424022** Collected: 08/05/09 16:50 Received: 08/07/09 14:37 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	08/14/09 12:35	08/17/09 21:35	7440-36-0	
Arsenic	**9.6J**	ug/L	10.0	2.7	1	08/14/09 12:35	08/17/09 21:35	7440-38-2	
Barium	**305**	ug/L	100	0.20	1	08/14/09 12:35	08/17/09 21:35	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/14/09 12:35	08/17/09 21:35	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/14/09 12:35	08/17/09 21:35	7440-43-9	
Chromium	**4.2J**	ug/L	10.0	0.40	1	08/14/09 12:35	08/17/09 21:35	7440-47-3	
Cobalt	**4.8J**	ug/L	10.0	0.60	1	08/14/09 12:35	08/17/09 21:35	7440-48-4	
Copper	**4.6J**	ug/L	10.0	0.30	1	08/14/09 12:35	08/17/09 21:35	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/14/09 12:35	08/17/09 21:35	7439-92-1	
Nickel	**24.0J**	ug/L	50.0	1.7	1	08/14/09 12:35	08/17/09 21:35	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/14/09 12:35	08/17/09 21:35	7782-49-2	
Silver	**0.15J**	ug/L	10.0	0.10	1	08/14/09 12:35	08/17/09 21:35	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/14/09 12:35	08/17/09 21:35	7440-28-0	
Vanadium	**6.8J**	ug/L	25.0	0.20	1	08/14/09 12:35	08/17/09 21:35	7440-62-2	
Zinc	**28.1**	ug/L	10.0	0.40	1	08/14/09 12:35	08/17/09 21:35	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/12/09 16:07	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/12/09 16:07	107-13-1	
Benzene	**14.8**	ug/L	1.0	0.25	1		08/12/09 16:07	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/12/09 16:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/12/09 16:07	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/12/09 16:07	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/12/09 16:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/12/09 16:07	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/12/09 16:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/12/09 16:07	56-23-5	
Chlorobenzene	**2.3J**	ug/L	3.0	0.23	1		08/12/09 16:07	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/12/09 16:07	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/12/09 16:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/12/09 16:07	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/12/09 16:07	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/12/09 16:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/12/09 16:07	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/12/09 16:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/12/09 16:07	95-50-1	
1,4-Dichlorobenzene	**2.7**	ug/L	1.0	0.33	1		08/12/09 16:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/12/09 16:07	110-57-6	
1,1-Dichloroethane	**2.1J**	ug/L	5.0	0.32	1		08/12/09 16:07	75-34-3	
1,2-Dichloroethane	**1.4**	ug/L	1.0	0.12	1		08/12/09 16:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/12/09 16:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/12/09 16:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/12/09 16:07	156-60-5	
1,2-Dichloropropane	**0.80J**	ug/L	1.0	0.27	1		08/12/09 16:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/12/09 16:07	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/12/09 16:07	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

Sample: LS-6 **Lab ID: 9250424022** Collected: 08/05/09 16:50 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/12/09 16:07	10061-02-6	
Ethylbenzene	**20.8**	ug/L	1.0	0.30	1		08/12/09 16:07	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/12/09 16:07	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/12/09 16:07	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/12/09 16:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.4J**	ug/L	100	0.33	1		08/12/09 16:07	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/12/09 16:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/12/09 16:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/12/09 16:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/12/09 16:07	127-18-4	
Toluene	**3.3**	ug/L	1.0	0.26	1		08/12/09 16:07	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/12/09 16:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/12/09 16:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/12/09 16:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/12/09 16:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/12/09 16:07	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/12/09 16:07	108-05-4	
Vinyl chloride	**1.1**	ug/L	1.0	0.62	1		08/12/09 16:07	75-01-4	
Xylene (Total)	**44.1**	ug/L	5.0	0.66	1		08/12/09 16:07	1330-20-7	
m&p-Xylene	**30.8**	ug/L	2.0	0.66	1		08/12/09 16:07	1330-20-7	
o-Xylene	**13.3**	ug/L	1.0	0.23	1		08/12/09 16:07	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		08/12/09 16:07	460-00-4	
Dibromofluoromethane (S)	100	%	85-115		1		08/12/09 16:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	79-120		1		08/12/09 16:07	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		08/12/09 16:07	2037-26-5	

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QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

QC Batch: MPRP/4889 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9250424001, 9250424002, 9250424003, 9250424004, 9250424005, 9250424006, 9250424007, 9250424008, 9250424009, 9250424010, 9250424011, 9250424012, 9250424013, 9250424014, 9250424015, 9250424016, 9250424017, 9250424018, 9250424019

METHOD BLANK: 320264 Matrix: Water
Associated Lab Samples: 9250424001, 9250424002, 9250424003, 9250424004, 9250424005, 9250424006, 9250424007, 9250424008, 9250424009, 9250424010, 9250424011, 9250424012, 9250424013, 9250424014, 9250424015, 9250424016, 9250424017, 9250424018, 9250424019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	08/13/09 03:13	
Arsenic	ug/L	ND	10.0	08/13/09 03:13	
Barium	ug/L	ND	100	08/13/09 03:13	
Beryllium	ug/L	ND	1.0	08/13/09 03:13	
Cadmium	ug/L	ND	1.0	08/13/09 03:13	
Chromium	ug/L	ND	10.0	08/13/09 03:13	
Cobalt	ug/L	ND	10.0	08/13/09 03:13	
Copper	ug/L	ND	10.0	08/13/09 03:13	
Lead	ug/L	ND	10.0	08/13/09 03:13	
Nickel	ug/L	ND	50.0	08/13/09 03:13	
Selenium	ug/L	ND	10.0	08/13/09 03:13	
Silver	ug/L	ND	10.0	08/13/09 03:13	
Thallium	ug/L	ND	5.5	08/13/09 03:13	
Vanadium	ug/L	ND	25.0	08/13/09 03:13	
Zinc	ug/L	4.5J	10.0	08/13/09 03:13	

LABORATORY CONTROL SAMPLE: 320265

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	493	99	80-120	
Arsenic	ug/L	500	503	101	80-120	
Barium	ug/L	500	475	95	80-120	
Beryllium	ug/L	500	509	102	80-120	
Cadmium	ug/L	500	507	101	80-120	
Chromium	ug/L	500	518	104	80-120	
Cobalt	ug/L	500	504	101	80-120	
Copper	ug/L	500	473	95	80-120	
Lead	ug/L	500	496	99	80-120	
Nickel	ug/L	500	509	102	80-120	
Selenium	ug/L	500	488	98	80-120	
Silver	ug/L	250	250	100	80-120	
Thallium	ug/L	500	473	95	80-120	
Vanadium	ug/L	500	499	100	80-120	
Zinc	ug/L	500	519	104	80-120	

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QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

MATRIX SPIKE SAMPLE: 320266

Parameter	Units	9250422001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	500	100	75-125	
Arsenic	ug/L	ND	500	507	101	75-125	
Barium	ug/L	20.3J	500	492	94	75-125	
Beryllium	ug/L	ND	500	513	103	75-125	
Cadmium	ug/L	ND	500	507	101	75-125	
Chromium	ug/L	ND	500	518	104	75-125	
Cobalt	ug/L	ND	500	501	100	75-125	
Copper	ug/L	ND	500	476	95	75-125	
Lead	ug/L	ND	500	491	98	75-125	
Nickel	ug/L	2.1J	500	509	101	75-125	
Selenium	ug/L	4.0J	500	490	97	75-125	
Silver	ug/L	ND	250	250	100	75-125	
Thallium	ug/L	ND	500	470	94	75-125	
Vanadium	ug/L	0.60J	500	502	100	75-125	
Zinc	ug/L	4.8J	500	526	104	75-125	

SAMPLE DUPLICATE: 320267

Parameter	Units	9250424001 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	6.8J	5.7J	16	25	
Barium	ug/L	23.4J	22.7J	3	25	
Beryllium	ug/L	0.35J	0.32J		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	21.6	21.1	2	25	
Cobalt	ug/L	ND	ND		25	
Copper	ug/L	3.6J	3.2J		25	
Lead	ug/L	5.2J	5.0J	4	25	
Nickel	ug/L	1.7J	ND		25	
Selenium	ug/L	4.6J	ND		25	
Silver	ug/L	ND	ND		25	
Thallium	ug/L	ND	ND		25	
Vanadium	ug/L	48.2	47.3	2	25	
Zinc	ug/L	13.4	10.2	27	25	R1

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QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

QC Batch: MSV/7933 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9250424001, 9250424002, 9250424003, 9250424004, 9250424005, 9250424006, 9250424007, 9250424008, 9250424009, 9250424010, 9250424011, 9250424012, 9250424013, 9250424014, 9250424015, 9250424016, 9250424017

METHOD BLANK: 320356 Matrix: Water
Associated Lab Samples: 9250424001, 9250424002, 9250424003, 9250424004, 9250424005, 9250424006, 9250424007, 9250424008, 9250424009, 9250424010, 9250424011, 9250424012, 9250424013, 9250424014, 9250424015, 9250424016, 9250424017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	08/12/09 21:10	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/12/09 21:10	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	08/12/09 21:10	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/12/09 21:10	
1,1-Dichloroethane	ug/L	ND	5.0	08/12/09 21:10	
1,1-Dichloroethene	ug/L	ND	5.0	08/12/09 21:10	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/12/09 21:10	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	08/12/09 21:10	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	08/12/09 21:10	
1,2-Dichlorobenzene	ug/L	ND	5.0	08/12/09 21:10	
1,2-Dichloroethane	ug/L	ND	1.0	08/12/09 21:10	
1,2-Dichloropropane	ug/L	ND	1.0	08/12/09 21:10	
1,3-Dichloropropane	ug/L	ND	1.0	08/12/09 21:10	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/12/09 21:10	
2-Butanone (MEK)	ug/L	ND	100	08/12/09 21:10	
2-Hexanone	ug/L	ND	50.0	08/12/09 21:10	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	08/12/09 21:10	
Acetone	ug/L	ND	100	08/12/09 21:10	
Acrylonitrile	ug/L	ND	200	08/12/09 21:10	
Benzene	ug/L	ND	1.0	08/12/09 21:10	
Bromochloromethane	ug/L	ND	3.0	08/12/09 21:10	
Bromodichloromethane	ug/L	ND	1.0	08/12/09 21:10	
Bromoform	ug/L	ND	3.0	08/12/09 21:10	
Bromomethane	ug/L	ND	10.0	08/12/09 21:10	
Carbon disulfide	ug/L	ND	100	08/12/09 21:10	
Carbon tetrachloride	ug/L	ND	1.0	08/12/09 21:10	
Chlorobenzene	ug/L	ND	3.0	08/12/09 21:10	
Chloroethane	ug/L	ND	10.0	08/12/09 21:10	
Chloroform	ug/L	ND	5.0	08/12/09 21:10	
Chloromethane	ug/L	ND	1.0	08/12/09 21:10	
cis-1,2-Dichloroethene	ug/L	ND	5.0	08/12/09 21:10	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/12/09 21:10	
Dibromochloromethane	ug/L	ND	3.0	08/12/09 21:10	
Dibromomethane	ug/L	ND	10.0	08/12/09 21:10	
Ethylbenzene	ug/L	ND	1.0	08/12/09 21:10	
Iodomethane	ug/L	ND	10.0	08/12/09 21:10	
m&p-Xylene	ug/L	ND	2.0	08/12/09 21:10	
Methylene Chloride	ug/L	ND	2.0	08/12/09 21:10	
o-Xylene	ug/L	ND	1.0	08/12/09 21:10	

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QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

METHOD BLANK: 320356 Matrix: Water

Associated Lab Samples: 9250424001, 9250424002, 9250424003, 9250424004, 9250424005, 9250424006, 9250424007, 9250424008, 9250424009, 9250424010, 9250424011, 9250424012, 9250424013, 9250424014, 9250424015, 9250424016, 9250424017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	08/12/09 21:10	
Tetrachloroethene	ug/L	ND	1.0	08/12/09 21:10	
Toluene	ug/L	ND	1.0	08/12/09 21:10	
trans-1,2-Dichloroethene	ug/L	ND	5.0	08/12/09 21:10	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/12/09 21:10	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	08/12/09 21:10	
Trichloroethene	ug/L	ND	1.0	08/12/09 21:10	
Trichlorofluoromethane	ug/L	ND	1.0	08/12/09 21:10	
Vinyl acetate	ug/L	ND	50.0	08/12/09 21:10	
Vinyl chloride	ug/L	ND	1.0	08/12/09 21:10	
Xylene (Total)	ug/L	ND	5.0	08/12/09 21:10	
1,2-Dichloroethane-d4 (S)	%	98	79-120	08/12/09 21:10	
4-Bromofluorobenzene (S)	%	100	87-109	08/12/09 21:10	
Dibromofluoromethane (S)	%	100	85-115	08/12/09 21:10	
Toluene-d8 (S)	%	100	70-120	08/12/09 21:10	

LABORATORY CONTROL SAMPLE: 320357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.9	110	83-125	
1,1,1-Trichloroethane	ug/L	50	55.5	111	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	61.6	123	73-127	
1,1,2-Trichloroethane	ug/L	50	53.0	106	77-123	
1,1-Dichloroethane	ug/L	50	53.9	108	76-129	
1,1-Dichloroethene	ug/L	50	63.8	128	78-146	
1,2,3-Trichloropropane	ug/L	50	53.6	107	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	53.5	107	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	56.0	112	81-125	
1,2-Dichlorobenzene	ug/L	50	52.0	104	82-126	
1,2-Dichloroethane	ug/L	50	51.9	104	72-126	
1,2-Dichloropropane	ug/L	50	57.0	114	80-127	
1,3-Dichloropropane	ug/L	50	54.4	109	79-124	
1,4-Dichlorobenzene	ug/L	50	50.6	101	79-125	
2-Butanone (MEK)	ug/L	100	108	108	50-134	
2-Hexanone	ug/L	100	113	113	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-131	
Acetone	ug/L	100	92.9J	93	50-146	
Acrylonitrile	ug/L	250	280	112	66-124	
Benzene	ug/L	50	53.9	108	78-128	
Bromochloromethane	ug/L	50	46.0	92	73-124	
Bromodichloromethane	ug/L	50	44.8	90	81-125	
Bromoform	ug/L	50	45.8	92	71-125	
Bromomethane	ug/L	50	49.3	99	50-150	
Carbon disulfide	ug/L	50	61.3J	123	54-150	

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QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

LABORATORY CONTROL SAMPLE: 320357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	51.3	103	81-137	
Chlorobenzene	ug/L	50	51.7	103	82-126	
Chloroethane	ug/L	50	51.5	103	69-140	
Chloroform	ug/L	50	52.7	105	77-129	
Chloromethane	ug/L	50	56.9	114	54-139	
cis-1,2-Dichloroethene	ug/L	50	55.6	111	76-133	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	76-127	
Dibromochloromethane	ug/L	50	45.1	90	77-125	
Dibromomethane	ug/L	50	53.9	108	77-125	
Ethylbenzene	ug/L	50	55.1	110	80-127	
Iodomethane	ug/L	100	116	116	65-172	
m&p-Xylene	ug/L	100	97.1	97	82-127	
Methylene Chloride	ug/L	50	54.2	108	67-133	
o-Xylene	ug/L	50	57.2	114	83-124	
Styrene	ug/L	50	49.1	98	80-130	
Tetrachloroethene	ug/L	50	54.9	110	78-128	
Toluene	ug/L	50	51.7	103	76-126	
trans-1,2-Dichloroethene	ug/L	50	54.4	109	78-134	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	51.0J	102	51-140	
Trichloroethene	ug/L	50	52.6	105	79-127	
Trichlorofluoromethane	ug/L	50	59.8	120	76-148	
Vinyl acetate	ug/L	100	101	101	50-150	
Vinyl chloride	ug/L	50	47.2	94	67-143	
Xylene (Total)	ug/L	150	154	103	83-125	
1,2-Dichloroethane-d4 (S)	%			93	79-120	
4-Bromofluorobenzene (S)	%			102	87-109	
Dibromofluoromethane (S)	%			100	85-115	
Toluene-d8 (S)	%			100	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 320358 320359

Parameter	Units	9250424017 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	76.6	75.4	153	151	60-150	2	30	M0
Benzene	ug/L	ND	50	50	63.5	63.0	127	126	74-136	.7	30	
Chlorobenzene	ug/L	ND	50	50	61.8	61.2	124	122	79-135	1	30	
Toluene	ug/L	ND	50	50	60.9	59.9	122	120	73-131	2	30	
Trichloroethene	ug/L	ND	50	50	59.6	58.4	119	117	73-131	2	30	
1,2-Dichloroethane-d4 (S)	%						91	92	79-120			
4-Bromofluorobenzene (S)	%						100	101	87-109			
Dibromofluoromethane (S)	%						97	97	85-115			
Toluene-d8 (S)	%						99	99	70-120			

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QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

QC Batch: MPRP/4905 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9250424020, 9250424021, 9250424022

METHOD BLANK: 322369 Matrix: Water
Associated Lab Samples: 9250424020, 9250424021, 9250424022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	08/17/09 20:51	
Arsenic	ug/L	ND	10.0	08/17/09 20:51	
Barium	ug/L	ND	100	08/17/09 20:51	
Beryllium	ug/L	ND	1.0	08/17/09 20:51	
Cadmium	ug/L	ND	1.0	08/17/09 20:51	
Chromium	ug/L	ND	10.0	08/17/09 20:51	
Cobalt	ug/L	ND	10.0	08/17/09 20:51	
Copper	ug/L	ND	10.0	08/17/09 20:51	
Lead	ug/L	ND	10.0	08/17/09 20:51	
Nickel	ug/L	ND	50.0	08/17/09 20:51	
Selenium	ug/L	ND	10.0	08/17/09 20:51	
Silver	ug/L	ND	10.0	08/17/09 20:51	
Thallium	ug/L	ND	5.5	08/17/09 20:51	
Vanadium	ug/L	ND	25.0	08/17/09 20:51	
Zinc	ug/L	9.6J	10.0	08/17/09 20:51	

LABORATORY CONTROL SAMPLE: 322370

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	492	98	80-120	
Arsenic	ug/L	500	481	96	80-120	
Barium	ug/L	500	489	98	80-120	
Beryllium	ug/L	500	503	101	80-120	
Cadmium	ug/L	500	487	97	80-120	
Chromium	ug/L	500	499	100	80-120	
Cobalt	ug/L	500	499	100	80-120	
Copper	ug/L	500	489	98	80-120	
Lead	ug/L	500	493	99	80-120	
Nickel	ug/L	500	496	99	80-120	
Selenium	ug/L	500	476	95	80-120	
Silver	ug/L	250	251	100	80-120	
Thallium	ug/L	500	466	93	80-120	
Vanadium	ug/L	500	495	99	80-120	
Zinc	ug/L	500	491	98	80-120	

MATRIX SPIKE SAMPLE: 322371

Parameter	Units	9250424020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	536	107	75-125	
Arsenic	ug/L	17.3	500	569	110	75-125	

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QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

MATRIX SPIKE SAMPLE: 322371

Parameter	Units	9250424020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	185	500	627	88	75-125	
Beryllium	ug/L	ND	500	506	101	75-125	
Cadmium	ug/L	ND	500	478	96	75-125	
Chromium	ug/L	19.7	500	519	100	75-125	
Cobalt	ug/L	10.6	500	473	92	75-125	
Copper	ug/L	36.0	500	546	102	75-125	
Lead	ug/L	ND	500	462	92	75-125	
Nickel	ug/L	59.7	500	526	93	75-125	
Selenium	ug/L	ND	500	542	108	75-125	
Silver	ug/L	0.49J	250	278	111	75-125	
Thallium	ug/L	ND	500	403	81	75-125	
Vanadium	ug/L	18.4J	500	516	100	75-125	
Zinc	ug/L	25.6	500	562	107	75-125	

SAMPLE DUPLICATE: 322372

Parameter	Units	9250424021 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	6.3	6.2	3	25	
Arsenic	ug/L	9.7J	9.2J	5	25	
Barium	ug/L	114	115	.9	25	
Beryllium	ug/L	ND	ND		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	22.2	21.8	2	25	
Cobalt	ug/L	7.3J	7.3J	.5	25	
Copper	ug/L	671	674	.4	25	
Lead	ug/L	12.5	12.3	2	25	
Nickel	ug/L	87.9	88.1	.2	25	
Selenium	ug/L	6.0J	ND		25	
Silver	ug/L	0.58J	0.57J		25	
Thallium	ug/L	ND	ND		25	
Vanadium	ug/L	15.3J	15.3J	0	25	
Zinc	ug/L	83.1	85.6	3	25	

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QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

QC Batch: MSV/7941 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9250424018, 9250424019, 9250424020, 9250424021, 9250424022

METHOD BLANK: 320962 Matrix: Water
Associated Lab Samples: 9250424018, 9250424019, 9250424020, 9250424021, 9250424022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	08/12/09 08:51	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/12/09 08:51	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	08/12/09 08:51	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/12/09 08:51	
1,1-Dichloroethane	ug/L	ND	5.0	08/12/09 08:51	
1,1-Dichloroethene	ug/L	ND	5.0	08/12/09 08:51	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/12/09 08:51	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	08/12/09 08:51	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	08/12/09 08:51	
1,2-Dichlorobenzene	ug/L	ND	5.0	08/12/09 08:51	
1,2-Dichloroethane	ug/L	ND	1.0	08/12/09 08:51	
1,2-Dichloropropane	ug/L	ND	1.0	08/12/09 08:51	
1,3-Dichloropropane	ug/L	ND	1.0	08/12/09 08:51	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/12/09 08:51	
2-Butanone (MEK)	ug/L	ND	100	08/12/09 08:51	
2-Hexanone	ug/L	ND	50.0	08/12/09 08:51	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	08/12/09 08:51	
Acetone	ug/L	ND	100	08/12/09 08:51	
Acrylonitrile	ug/L	ND	200	08/12/09 08:51	
Benzene	ug/L	ND	1.0	08/12/09 08:51	
Bromochloromethane	ug/L	ND	3.0	08/12/09 08:51	
Bromodichloromethane	ug/L	ND	1.0	08/12/09 08:51	
Bromoform	ug/L	ND	3.0	08/12/09 08:51	
Bromomethane	ug/L	ND	10.0	08/12/09 08:51	
Carbon disulfide	ug/L	ND	100	08/12/09 08:51	
Carbon tetrachloride	ug/L	ND	1.0	08/12/09 08:51	
Chlorobenzene	ug/L	ND	3.0	08/12/09 08:51	
Chloroethane	ug/L	ND	10.0	08/12/09 08:51	
Chloroform	ug/L	ND	5.0	08/12/09 08:51	
Chloromethane	ug/L	ND	1.0	08/12/09 08:51	
cis-1,2-Dichloroethene	ug/L	ND	5.0	08/12/09 08:51	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/12/09 08:51	
Dibromochloromethane	ug/L	ND	3.0	08/12/09 08:51	
Dibromomethane	ug/L	ND	10.0	08/12/09 08:51	
Ethylbenzene	ug/L	ND	1.0	08/12/09 08:51	
Iodomethane	ug/L	ND	10.0	08/12/09 08:51	
m&p-Xylene	ug/L	ND	2.0	08/12/09 08:51	
Methylene Chloride	ug/L	ND	2.0	08/12/09 08:51	
o-Xylene	ug/L	ND	1.0	08/12/09 08:51	
Styrene	ug/L	ND	1.0	08/12/09 08:51	
Tetrachloroethene	ug/L	ND	1.0	08/12/09 08:51	
Toluene	ug/L	ND	1.0	08/12/09 08:51	
trans-1,2-Dichloroethene	ug/L	ND	5.0	08/12/09 08:51	

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(828)254-7176

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

QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

METHOD BLANK: 320962 Matrix: Water

Associated Lab Samples: 9250424018, 9250424019, 9250424020, 9250424021, 9250424022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/12/09 08:51	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	08/12/09 08:51	
Trichloroethene	ug/L	ND	1.0	08/12/09 08:51	
Trichlorofluoromethane	ug/L	ND	1.0	08/12/09 08:51	
Vinyl acetate	ug/L	ND	50.0	08/12/09 08:51	
Vinyl chloride	ug/L	ND	1.0	08/12/09 08:51	
Xylene (Total)	ug/L	ND	5.0	08/12/09 08:51	
1,2-Dichloroethane-d4 (S)	%	95	79-120	08/12/09 08:51	
4-Bromofluorobenzene (S)	%	102	87-109	08/12/09 08:51	
Dibromofluoromethane (S)	%	100	85-115	08/12/09 08:51	
Toluene-d8 (S)	%	99	70-120	08/12/09 08:51	

LABORATORY CONTROL SAMPLE: 320963

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.6	111	83-125	
1,1,1-Trichloroethane	ug/L	50	54.2	108	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	53.5	107	73-127	
1,1,2-Trichloroethane	ug/L	50	53.1	106	77-123	
1,1-Dichloroethane	ug/L	50	53.6	107	76-129	
1,1-Dichloroethene	ug/L	50	58.2	116	78-146	
1,2,3-Trichloropropane	ug/L	50	51.2	102	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	50.5	101	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	55.3	111	81-125	
1,2-Dichlorobenzene	ug/L	50	52.3	105	82-126	
1,2-Dichloroethane	ug/L	50	51.2	102	72-126	
1,2-Dichloropropane	ug/L	50	57.2	114	80-127	
1,3-Dichloropropane	ug/L	50	54.1	108	79-124	
1,4-Dichlorobenzene	ug/L	50	50.6	101	79-125	
2-Butanone (MEK)	ug/L	100	105	105	50-134	
2-Hexanone	ug/L	100	108	108	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	70-131	
Acetone	ug/L	100	94.9J	95	50-146	
Acrylonitrile	ug/L	250	274	110	66-124	
Benzene	ug/L	50	53.3	107	78-128	
Bromochloromethane	ug/L	50	37.1	74	73-124	
Bromodichloromethane	ug/L	50	45.7	91	81-125	
Bromoform	ug/L	50	46.3	93	71-125	
Bromomethane	ug/L	50	39.9	80	50-150	
Carbon disulfide	ug/L	50	56.6J	113	54-150	
Carbon tetrachloride	ug/L	50	49.7	99	81-137	
Chlorobenzene	ug/L	50	51.5	103	82-126	
Chloroethane	ug/L	50	45.6	91	69-140	
Chloroform	ug/L	50	52.1	104	77-129	
Chloromethane	ug/L	50	49.5	99	54-139	

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9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

LABORATORY CONTROL SAMPLE: 320963

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	54.3	109	76-133	
cis-1,3-Dichloropropene	ug/L	50	47.5	95	76-127	
Dibromochloromethane	ug/L	50	47.0	94	77-125	
Dibromomethane	ug/L	50	53.2	106	77-125	
Ethylbenzene	ug/L	50	53.7	107	80-127	
Iodomethane	ug/L	100	103	103	65-172	
m&p-Xylene	ug/L	100	93.8	94	82-127	
Methylene Chloride	ug/L	50	52.5	105	67-133	
o-Xylene	ug/L	50	55.2	110	83-124	
Styrene	ug/L	50	48.0	96	80-130	
Tetrachloroethene	ug/L	50	53.8	108	78-128	
Toluene	ug/L	50	50.9	102	76-126	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	78-134	
trans-1,3-Dichloropropene	ug/L	50	46.3	93	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	41.8J	84	51-140	
Trichloroethene	ug/L	50	55.0	110	79-127	
Trichlorofluoromethane	ug/L	50	46.2	92	76-148	
Vinyl acetate	ug/L	100	63.2	63	50-150	
Vinyl chloride	ug/L	50	42.6	85	67-143	
Xylene (Total)	ug/L	150	149	99	83-125	
1,2-Dichloroethane-d4 (S)	%			91	79-120	
4-Bromofluorobenzene (S)	%			101	87-109	
Dibromofluoromethane (S)	%			99	85-115	
Toluene-d8 (S)	%			100	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 320964 320965

Parameter	Units	9250426008 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	71.4	72.5	143	145	60-150	2	30	
Benzene	ug/L	ND	50	50	58.5	58.9	117	118	74-136	.8	30	
Chlorobenzene	ug/L	ND	50	50	56.8	56.1	114	112	79-135	1	30	
Toluene	ug/L	ND	50	50	56.9	57.5	113	115	73-131	1	30	
Trichloroethene	ug/L	ND	50	50	55.1	55.1	110	110	73-131	.02	30	
1,2-Dichloroethane-d4 (S)	%						93	98	79-120			
4-Bromofluorobenzene (S)	%						96	97	87-109			
Dibromofluoromethane (S)	%						99	100	85-115			
Toluene-d8 (S)	%						99	100	70-120			

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ACCREDITED IN ACCORDANCE WITH nelac

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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

QUALIFIERS

Project: WAYNE LINED MSWLF
Pace Project No.: 9250424

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.

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

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

LABORATORIES

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

ANALYTE QUALIFIERS

M0	Matrix spike recovery was outside laboratory control limits.
R1	RPD value was outside control limits.
Z2	Analyte present in the associated method blank above the detection limit.

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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.

1324192

Page: 1 of 2

1324191

Section A Required Client Information:

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

Section B Required Project Information:

Report To: Jonathan Pfohl
Copy To:
Purchase Order No.:
Project Name: Wayne Lined MSWLF
Project Number:

Section C Invoice Information:

Attention: see Section A
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Bonnie
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	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: VOCs - App I	Metals - App I	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9250424
1	MW-1	WT	G			8/4/09	3:00		4			1	3					✓	✓	N	001
2	MW-2					8/6/09	5:30														002
3	MW-3					8/5/09	4:05														003
4	MW-4					8/6/09	3:40														004
5	MW-5					8/6/09	11:30														005
6	MW-6					8/6/09	3:05														006
7	MW-7					8/6/09	1:00														007
8	MW-8					8/5/09	2:35														008
9	MW-9					8/5/09	3:35														009
10	MW-10					8/5/09	3:05														010
11	MW-11					8/5/09	2:00														011
12	MW-12					8/5/09	1:35														012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] /MESCO	8/6/09	9:45PM	[signature] Pace	8-7-09	9:23				
	[signature] pace c/H	8-7-09	14:37	[signature] / Pace	8/7/09	14:37	2.3	yes	NO	yes

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 Pfohl
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 8/6/09

*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.

1324191

Page: 2 of 2

1324192

Section A Required Client Information: (MESCO)

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

Section B Required Project Information:

Report To: Jonathan Pfohl
Copy To:
Purchase Order No.:
Project Name: Wayne Lined MSWLF
Project Number:

Section C Invoice Information:

Attention: See Sec A
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Bonnie
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N): VOCs - App I (N); Metals - App I (N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): VOCs - App I	Metals - App I	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9250424
1	MW-13	WT	G			8/4/09	4:30		4			1	3					✓	✓	N	013
2	SW-2					8/6/09	5:40														014
3	SW-3					8/6/09	4:20														015
4	SW-4					8/6/09	4:35														016
5	SW-5					8/6/09	5:00														017
6	LE-1					8/5/09	5:55														018
7	LE-2						5:10														019
8	LS-4						5:35														020
9	LS-5						4:30														021
10	LS-6						4:50														022
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	MESCO	8/6/09	9:45 PM	pace dlt	8-7-09	9:23				
	pace dlt	8-7-09	14:37	Pace	8/7/09	14:37	2.3	yes	No	yes

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 Pfohl

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 8/6/09

*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.

Pace Analytical

Sample Condition Upon Receipt

Client Name: Municipal Eng. Project # 92504 24

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: N/A
Proj. Name: N/A

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used T060 Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 2.3 Biological Tissue is Frozen: Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: CW 8/2

		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:	☑ Yes ☐ No ☐ N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑ Yes ☐ No ☐ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑ Yes ☐ No ☐ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
Samples checked for dechlorination:	☐ Yes ☐ No ☑ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☑ No ☐ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☑ N/A	
Pace Trip Blank Lot # (if purchased): N/A		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BKM Date: 8/10/09

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)

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, August 20, 2009

Municipal Engineering Services (MU001)

Attn: Jonathan Pfohl

P.O. Box 97

Garner, NC 27529

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: Wayne Co Lined MSWLF
ENCO Workorder: C909050

Dear Jonathan Pfohl,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, August 6, 2009.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 15.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: LE-1 **Lab ID: C909050-01** **Sampled: 08/05/09 17:55** **Received: 08/06/09 11:30**

Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	09/02/09			08/09/09	07:12	8/10/2009 11:42
EPA 353.2	08/07/09	17:55		08/07/09	13:35	8/7/2009 14:30
EPA 353.2	09/02/09			08/12/09	14:34	8/12/2009 17:14
EPA 353.2	09/02/09			08/20/09	07:00	8/20/2009 07:00
EPA 365.4	09/02/09			08/07/09	11:00	8/11/2009 13:47
SM 5210B	08/07/09	17:55	08/11/09	08/06/09	15:14	8/11/2009 15:12
SM 5220D	09/02/09			08/17/09	16:30	8/18/2009 11:10
SM4500-H/B	08/05/09	18:09		08/07/09	13:49	8/7/2009 13:49

Client ID: LE-2 **Lab ID: C909050-02** **Sampled: 08/05/09 17:10** **Received: 08/06/09 11:30**

Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	09/02/09			08/09/09	07:12	8/10/2009 11:58
EPA 353.2	08/07/09	17:10		08/07/09	13:35	8/7/2009 14:34
EPA 353.2	09/02/09			08/12/09	14:34	8/12/2009 17:16
EPA 353.2	09/02/09			08/20/09	07:00	8/20/2009 07:00
EPA 365.4	09/02/09			08/07/09	11:00	8/11/2009 13:48
SM 5210B	08/07/09	17:10	08/11/09	08/06/09	15:14	8/11/2009 15:12
SM 5220D	09/02/09			08/17/09	16:30	8/18/2009 11:10
SM4500-H/B	08/05/09	17:24		08/07/09	13:49	8/7/2009 13:49

Client ID: LS-4 **Lab ID: C909050-03** **Sampled: 08/05/09 17:35** **Received: 08/06/09 11:30**

Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	09/02/09			08/09/09	07:12	8/10/2009 12:48
EPA 353.2	08/07/09	17:35		08/07/09	13:35	8/7/2009 14:35
EPA 353.2	09/02/09			08/12/09	14:34	8/12/2009 17:20
EPA 353.2	09/02/09			08/20/09	07:00	8/20/2009 07:00
EPA 365.4	09/02/09			08/07/09	11:00	8/11/2009 13:50
SM 5210B	08/07/09	17:35	08/11/09	08/06/09	15:14	8/11/2009 15:12
SM 5220D	09/02/09			08/17/09	16:30	8/18/2009 11:10
SM4500-H/B	08/05/09	17:49		08/07/09	13:49	8/7/2009 13:49

Client ID: LS-5 **Lab ID: C909050-04** **Sampled: 08/05/09 16:30** **Received: 08/06/09 11:30**

Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	09/02/09			08/09/09	07:12	8/10/2009 13:05
EPA 353.2	09/02/09			08/20/09	07:00	8/20/2009 07:00
EPA 365.4	09/02/09			08/07/09	11:00	8/11/2009 14:17
SM 5210B	08/07/09	16:30	08/11/09	08/06/09	15:14	8/11/2009 15:12
SM 5220D	09/02/09			08/17/09	16:30	8/18/2009 11:10
SM4500-H/B	08/05/09	16:44		08/07/09	13:49	8/7/2009 13:49

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Client ID: LS-5	Lab ID: C909050-04RE1	Sampled: 08/05/09 16:30	Received: 08/06/09 11:30

Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)
EPA 353.2	08/07/09	16:30		08/07/09	13:35	8/7/2009 16:34
EPA 353.2	09/02/09			08/12/09	14:34	8/13/2009 08:37

Client ID: LS-6	Lab ID: C909050-05	Sampled: 08/05/09 16:50	Received: 08/06/09 11:30

Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	09/02/09			08/09/09	07:12	8/10/2009 13:22
EPA 353.2	08/07/09	16:50		08/07/09	13:35	8/7/2009 14:37
EPA 353.2	09/02/09			08/12/09	14:34	8/12/2009 17:24
EPA 353.2	09/02/09			08/20/09	07:00	8/20/2009 07:00
EPA 365.4	09/02/09			08/07/09	11:00	8/11/2009 14:20
SM 5210B	08/07/09	16:50	08/11/09	08/06/09	15:14	8/11/2009 15:12
SM 5220D	09/02/09			08/17/09	16:30	8/18/2009 11:10
SM4500-H/B	08/05/09	17:04		08/07/09	13:49	8/7/2009 13:49

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: LE-1 **Lab ID: C909050-01**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Biochemical Oxygen Demand	40		1	2.0	2.0	NE	mg/L	SM 5210B	
Chemical Oxygen Demand	780		1	3.1	10	NE	mg/L	SM 5220D	
Nitrate as N	0.081	J	1	0.0056	0.10	10	mg/L	EPA 353.2	
Nitrate/Nitrite as N	0.081	JB	1	0.021	0.10	NE	mg/L	EPA 353.2	J-01
Phosphorus	1.0		1	0.050	0.10	NE	mg/L	EPA 365.4	
Sulfate as SO4	2.4	J	1	0.078	5.0	250	mg/L	EPA 300.0	

Client ID: LE-2 **Lab ID: C909050-02**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Biochemical Oxygen Demand	44		1	2.0	2.0	NE	mg/L	SM 5210B	
Chemical Oxygen Demand	680		1	3.1	10	NE	mg/L	SM 5220D	
Nitrate as N	0.085	J	1	0.0056	0.10	10	mg/L	EPA 353.2	
Nitrate/Nitrite as N	0.085	JB	1	0.021	0.10	NE	mg/L	EPA 353.2	J-01
Phosphorus	1.2		1	0.050	0.10	NE	mg/L	EPA 365.4	
Sulfate as SO4	2.4	J	1	0.078	5.0	250	mg/L	EPA 300.0	

Client ID: LS-4 **Lab ID: C909050-03**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Biochemical Oxygen Demand	29		1	2.0	2.0	NE	mg/L	SM 5210B	
Chemical Oxygen Demand	610		1	3.1	10	NE	mg/L	SM 5220D	
Nitrate as N	0.072	J	1	0.0056	0.10	10	mg/L	EPA 353.2	
Nitrate/Nitrite as N	0.072	JB	1	0.021	0.10	NE	mg/L	EPA 353.2	J-01
Phosphorus	0.89		1	0.050	0.10	NE	mg/L	EPA 365.4	
Sulfate as SO4	2.4	J	1	0.078	5.0	250	mg/L	EPA 300.0	

Client ID: LS-5 **Lab ID: C909050-04**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Biochemical Oxygen Demand	65		1	2.0	2.0	NE	mg/L	SM 5210B	
Chemical Oxygen Demand	590		1	3.1	10	NE	mg/L	SM 5220D	
Phosphorus	1.2		1	0.050	0.10	NE	mg/L	EPA 365.4	
Sulfate as SO4	6.9	J	1	0.078	5.0	250	mg/L	EPA 300.0	

Client ID: LS-5 **Lab ID: C909050-04RE1**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Nitrate/Nitrite as N	5.5	BD	5	0.10	0.50	NE	mg/L	EPA 353.2	QB-01
Nitrite as N	9.6	D	5	0.028	0.50	1	mg/L	EPA 353.2	Q

Client ID: LS-6 **Lab ID: C909050-05**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Biochemical Oxygen Demand	8.7		1	2.0	2.0	NE	mg/L	SM 5210B	
Chemical Oxygen Demand	230		1	3.1	10	NE	mg/L	SM 5220D	
Nitrate as N	0.085	J	1	0.0056	0.10	10	mg/L	EPA 353.2	
Nitrate/Nitrite as N	0.10	B	1	0.021	0.10	NE	mg/L	EPA 353.2	J-01
Nitrite as N	0.020	J	1	0.0056	0.10	1	mg/L	EPA 353.2	
Phosphorus	0.36		1	0.050	0.10	NE	mg/L	EPA 365.4	
Sulfate as SO4	1.9	J	1	0.078	5.0	250	mg/L	EPA 300.0	

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ANALYTICAL RESULTS

Description: LE-1 | **Lab Sample ID:** C909050-01 | **Received:** 08/06/09 11:30

Matrix: Waste Water | **Sampled:** 08/05/09 17:55 | **Work Order:** C909050

Project: Wayne Co Lined MSWLF | **Sampled By:** Jonathan Pfohl

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Biochemical Oxygen Demand [ECL-0017] ^	**40**		mg/L	1	2.0	2.0	NE	SM 5210B	08/11/09 15:12	gpw	
Chemical Oxygen Demand [ECL-0035] ^	**780**		mg/L	1	3.1	10	NE	SM 5220D	08/18/09 11:10	GPW	
Nitrate as N [14797-55-8] ^	**0.081**	J	mg/L	1	0.0056	0.10	10	EPA 353.2	08/20/09 07:00	PEV	
Nitrate/Nitrite as N [ECL-0010] ^	**0.081**	JB	mg/L	1	0.021	0.10	NE	EPA 353.2	08/12/09 17:14	PEV	J-01
Nitrite as N [14797-65-0] ^	0.0056	U	mg/L	1	0.0056	0.10	1	EPA 353.2	08/07/09 14:30	GPW	
pH [ECL-0062] ^	**7.1**		pH Units	1	1.0	1.0		SM4500-H/B	08/07/09 13:49	FLT	Q
Phosphorus [7723-14-0] ^	**1.0**		mg/L	1	0.050	0.10	NE	EPA 365.4	08/11/09 13:47	PEV	
Sulfate as SO4 [14808-79-8] ^	**2.4**	J	mg/L	1	0.078	5.0	250	EPA 300.0	08/10/09 11:42	PEV	

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Description: LE-2 | **Lab Sample ID:** C909050-02 | **Received:** 08/06/09 11:30

Matrix: Waste Water | **Sampled:** 08/05/09 17:10 | **Work Order:** C909050

Project: Wayne Co Lined MSWLF | **Sampled By:** Jonathan Pfohl

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Biochemical Oxygen Demand [ECL-0017] ^	**44**		mg/L	1	2.0	2.0	NE	SM 5210B	08/11/09 15:12	gpw	
Chemical Oxygen Demand [ECL-0035] ^	**680**		mg/L	1	3.1	10	NE	SM 5220D	08/18/09 11:10	GPW	
Nitrate as N [14797-55-8] ^	**0.085**	J	mg/L	1	0.0056	0.10	10	EPA 353.2	08/20/09 07:00	PEV	
Nitrate/Nitrite as N [ECL-0010] ^	**0.085**	JB	mg/L	1	0.021	0.10	NE	EPA 353.2	08/12/09 17:16	PEV	J-01
Nitrite as N [14797-65-0] ^	0.0056	U	mg/L	1	0.0056	0.10	1	EPA 353.2	08/07/09 14:34	GPW	
pH [ECL-0062] ^	**7.1**		pH Units	1	1.0	1.0		SM4500-H/B	08/07/09 13:49	FLT	Q
Phosphorus [7723-14-0] ^	**1.2**		mg/L	1	0.050	0.10	NE	EPA 365.4	08/11/09 13:48	PEV	
Sulfate as SO4 [14808-79-8] ^	**2.4**	J	mg/L	1	0.078	5.0	250	EPA 300.0	08/10/09 11:58	PEV	

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Description: LS-4 | **Lab Sample ID:** C909050-03 | **Received:** 08/06/09 11:30

Matrix: Waste Water | **Sampled:** 08/05/09 17:35 | **Work Order:** C909050

Project: Wayne Co Lined MSWLF | **Sampled By:** Jonathan Pfohl

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Biochemical Oxygen Demand [ECL-0017] ^	**29**		mg/L	1	2.0	2.0	NE	SM 5210B	08/11/09 15:12	gpw	
Chemical Oxygen Demand [ECL-0035] ^	**610**		mg/L	1	3.1	10	NE	SM 5220D	08/18/09 11:10	GPW	
Nitrate as N [14797-55-8] ^	**0.072**	J	mg/L	1	0.0056	0.10	10	EPA 353.2	08/20/09 07:00	PEV	
Nitrate/Nitrite as N [ECL-0010] ^	**0.072**	JB	mg/L	1	0.021	0.10	NE	EPA 353.2	08/12/09 17:20	PEV	J-01
Nitrite as N [14797-65-0] ^	0.0056	U	mg/L	1	0.0056	0.10	1	EPA 353.2	08/07/09 14:35	GPW	
pH [ECL-0062] ^	**7.1**		pH Units	1	1.0	1.0		SM4500-H/B	08/07/09 13:49	FLT	Q
Phosphorus [7723-14-0] ^	**0.89**		mg/L	1	0.050	0.10	NE	EPA 365.4	08/11/09 13:50	PEV	
Sulfate as SO4 [14808-79-8] ^	**2.4**	J	mg/L	1	0.078	5.0	250	EPA 300.0	08/10/09 12:48	PEV	

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Description: LS-5 | **Lab Sample ID:** C909050-04 | **Received:** 08/06/09 11:30

Matrix: Waste Water | **Sampled:** 08/05/09 16:30 | **Work Order:** C909050

Project: Wayne Co Lined MSWLF | **Sampled By:** Jonathan Pfohl

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Biochemical Oxygen Demand [ECL-0017] ^	**65**		mg/L	1	2.0	2.0	NE	SM 5210B	08/11/09 15:12	gpw	
Chemical Oxygen Demand [ECL-0035] ^	**590**		mg/L	1	3.1	10	NE	SM 5220D	08/18/09 11:10	GPW	
Nitrate as N [14797-55-8] ^	0.0056	U	mg/L	1	0.0056	0.50	10	EPA 353.2	08/20/09 07:00	PEV	
Nitrate/Nitrite as N [ECL-0010] ^	**5.5**	BD	mg/L	5	0.10	0.50	NE	EPA 353.2	08/13/09 08:37	PEV	QB-01
Nitrite as N [14797-65-0] ^	**9.6**	D	mg/L	5	0.028	0.50	1	EPA 353.2	08/07/09 16:34	GPW	Q
pH [ECL-0062] ^	**7.6**		pH Units	1	1.0	1.0		SM4500-H/B	08/07/09 13:49	FLT	Q
Phosphorus [7723-14-0] ^	**1.2**		mg/L	1	0.050	0.10	NE	EPA 365.4	08/11/09 14:17	PEV	
Sulfate as SO4 [14808-79-8] ^	**6.9**	J	mg/L	1	0.078	5.0	250	EPA 300.0	08/10/09 13:05	PEV	

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Description: LS-6 | **Lab Sample ID:** C909050-05 | **Received:** 08/06/09 11:30

Matrix: Waste Water | **Sampled:** 08/05/09 16:50 | **Work Order:** C909050

Project: Wayne Co Lined MSWLF | **Sampled By:** Jonathan Pfohl

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Biochemical Oxygen Demand [ECL-0017] ^	**8.7**		mg/L	1	2.0	2.0	NE	SM 5210B	08/11/09 15:12	gpw	
Chemical Oxygen Demand [ECL-0035] ^	**230**		mg/L	1	3.1	10	NE	SM 5220D	08/18/09 11:10	GPW	
Nitrate as N [14797-55-8] ^	**0.085**	J	mg/L	1	0.0056	0.10	10	EPA 353.2	08/20/09 07:00	PEV	
Nitrate/Nitrite as N [ECL-0010] ^	**0.10**	B	mg/L	1	0.021	0.10	NE	EPA 353.2	08/12/09 17:24	PEV	J-01
Nitrite as N [14797-65-0] ^	**0.020**	J	mg/L	1	0.0056	0.10	1	EPA 353.2	08/07/09 14:37	GPW	
pH [ECL-0062] ^	**6.7**		pH Units	1	1.0	1.0		SM4500-H/B	08/07/09 13:49	FLT	Q
Phosphorus [7723-14-0] ^	**0.36**		mg/L	1	0.050	0.10	NE	EPA 365.4	08/11/09 14:20	PEV	
Sulfate as SO4 [14808-79-8] ^	**1.9**	J	mg/L	1	0.078	5.0	250	EPA 300.0	08/10/09 13:22	PEV	

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QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 9H06021 - Same

Blank (9H06021-BLK1) Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 12:24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	0.050	U	0.10	mg/L							

LCS (9H06021-BS1) Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 12:26

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	1.6		0.10	mg/L	1.60		101	80-120		10	

Matrix Spike (9H06021-MS1) Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 12:27

Source: C908583-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	1.6		0.10	mg/L	1.60	0.050 U	103	80-120		25	

Matrix Spike Dup (9H06021-MSD1) Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 12:29

Source: C908583-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	2.1		0.10	mg/L	1.60	0.050 U	129	80-120	22	25	QM-07

Batch 9H06022 - NO PREP

Blank (9H06022-BLK1) Prepared: 08/06/2009 15:14 Analyzed: 08/11/2009 15:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Biochemical Oxygen Demand	2.0	U	2.0	mg/L							

LCS (9H06022-BS1) Prepared: 08/06/2009 15:14 Analyzed: 08/11/2009 15:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Biochemical Oxygen Demand	180		2.0	mg/L	198		92	85-115		10	

Duplicate (9H06022-DUP1) Prepared: 08/06/2009 15:14 Analyzed: 08/11/2009 15:12

Source: C908487-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Biochemical Oxygen Demand	2.0	U	2.0	mg/L		2.0 U				25	

Batch 9H06025 - Same

Blank (9H06025-BLK1) Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 13:52

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	0.050	U	0.10	mg/L							

LCS (9H06025-BS1) Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 13:53

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 9H06025 - Same

LCS (9H06025-BS1) Continued Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 13:53

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	1.6		0.10	mg/L	1.60		101	80-120		10	

Matrix Spike (9H06025-MS1) Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 13:55

Source: C908583-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	1.7		0.10	mg/L	1.60	0.050 U	107	80-120		25	

Matrix Spike Dup (9H06025-MSD1) Prepared: 08/07/2009 11:00 Analyzed: 08/11/2009 13:57

Source: C908583-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phosphorus	1.6		0.10	mg/L	1.60	0.050 U	103	80-120	4	25	

Batch 9H07019 - NO PREP

LCS (9H07019-BS1) Prepared & Analyzed: 08/07/2009 13:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
pH	7.0		1.0	pH Units	7.01		100	99-101		10	

Duplicate (9H07019-DUP1) Prepared & Analyzed: 08/07/2009 13:49

Source: C909050-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
pH	6.7		1.0	pH Units		6.7			0.1	25	Q

Batch 9H07029 - NO PREP

Blank (9H07029-BLK1) Prepared: 08/07/2009 13:35 Analyzed: 08/07/2009 14:22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	0.0056	U	0.10	mg/L							

LCS (9H07029-BS1) Prepared: 08/07/2009 13:35 Analyzed: 08/07/2009 14:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	0.98		0.10	mg/L	1.00		98	80-120		10	

Matrix Spike (9H07029-MS1) Prepared: 08/07/2009 13:35 Analyzed: 08/07/2009 14:31

Source: C909050-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	0.92		0.10	mg/L	1.00	-0.0031	92	80-120		25	

Matrix Spike Dup (9H07029-MSD1) Prepared: 08/07/2009 13:35 Analyzed: 08/07/2009 14:32

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 9H07029 - NO PREP

Matrix Spike Dup (9H07029-MSD1) Continued Prepared: 08/07/2009 13:35 Analyzed: 08/07/2009 14:32

Source: C909050-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	0.94		0.10	mg/L	1.00	-0.0031	94	80-120	3	25	

Batch 9H09003 - NO PREP

Blank (9H09003-BLK1) Prepared: 08/09/2009 07:12 Analyzed: 08/10/2009 06:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	0.078	U	5.0	mg/L							

LCS (9H09003-BS1) Prepared: 08/09/2009 07:12 Analyzed: 08/10/2009 06:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	49		5.0	mg/L	50.0		97	90-110		10	

Matrix Spike (9H09003-MS1) Prepared: 08/09/2009 07:12 Analyzed: 08/10/2009 06:58

Source: C908151-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	130	E	5.0	mg/L	50.0	84	102	80-120		15	QM-02

Matrix Spike Dup (9H09003-MSD1) Prepared: 08/09/2009 07:12 Analyzed: 08/10/2009 07:15

Source: C908151-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	130	E	5.0	mg/L	50.0	84	91	80-120	4	15	QM-02

Batch 9H12040 - NO PREP

Blank (9H12040-BLK1) Prepared: 08/12/2009 14:32 Analyzed: 08/12/2009 16:37

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	**0.021**	**J**	0.10	mg/L							

LCS (9H12040-BS1) Prepared: 08/12/2009 14:32 Analyzed: 08/12/2009 16:39

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.2	B	0.10	mg/L	1.25		97	80-120		10	

Matrix Spike (9H12040-MS1) Prepared: 08/12/2009 14:32 Analyzed: 08/12/2009 16:46

Source: C908566-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.5	B	0.10	mg/L	1.28	0.12	105	80-120		25	

Matrix Spike Dup (9H12040-MSD1) Prepared: 08/12/2009 14:32 Analyzed: 08/12/2009 16:48

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 9H12040 - NO PREP

Matrix Spike Dup (9H12040-MSD1) Continued Prepared: 08/12/2009 14:32 Analyzed: 08/12/2009 16:48

Source: C908566-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.5	B	0.10	mg/L	1.28	0.12	109	80-120	3	25	

Batch 9H17041 - NO PREP

Blank (9H17041-BLK1) Prepared: 08/17/2009 16:30 Analyzed: 08/18/2009 11:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chemical Oxygen Demand	3.1	U	10	mg/L							

LCS (9H17041-BS1) Prepared: 08/17/2009 16:30 Analyzed: 08/18/2009 11:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chemical Oxygen Demand	540		10	mg/L	500		107	90-110		10	

Matrix Spike (9H17041-MS1) Prepared: 08/17/2009 16:30 Analyzed: 08/18/2009 11:10

Source: C908597-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chemical Oxygen Demand	610		10	mg/L	500	72	107	90-110		10	

Matrix Spike Dup (9H17041-MSD1) Prepared: 08/17/2009 16:30 Analyzed: 08/18/2009 11:10

Source: C908597-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chemical Oxygen Demand	620		10	mg/L	500	72	109	90-110	2	10	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
J-01	Result is estimated due to positive results in the associated method blank.
Q	Analysis performed outside of method - specified holding time.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact of the deviation.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name	Municipal Engineering (MESCO)
Address	PO Box 97
City/ST/Zip	Garner NC 27529
Tel	(919) 772-5393
Fax	(919) 772-117
Sampler(s) Name, Affiliation (Print)	Jon Affolly MESCO
Sampler(s) Signature	
Project Number	
Project Name/Desc	Wayne Co. Lined MSWLF
PO # / Billing Info	
Reporting Contact	Jonathan Affol
Billing Contact	
Facility # (if required)	

Requested Analyses: H, COD, BOD, Phosphate, Sulfate, Nitrate

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due __/__/__

Lab Workorder: C909050

Preservation (See Codes) (Combine as necessary): None, S, None, ✓, ✓, None

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	H	COD	BOD	Phosphate	Sulfate	Nitrate					Sample Comments
	LE-1	8/5/09	5:55PM	Grab	WW		✓	✓	✓	✓	✓	✓					
	LE-2	↓	5:10PM	↓	↓		↓	↓	↓	↓	↓	↓					
	LS-4	↓	5:35PM	↓	↓		↓	↓	↓	↓	↓	↓					
	LS-5	↓	4:30PM	↓	↓		↓	↓	↓	↓	↓	↓					
	LS-6	↓	4:50PM	↓	↓		↓	↓	↓	↓	↓	↓					

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		/MESCO (Left office)	8/5/09 7:15PM		
Comments: Leachate		Relinquished By		Received By	
		Relinquished By		Received By	8/6/9 11:30

Cooler #'s & Temps on Receipt: 3.1°C

Condition Upon Receipt: X Acceptable ___ Unacceptable

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

www.encolabs.com

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(704)875-9092

August 20, 2009

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

RE: Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

Dear Mr. Pfohl:
Enclosed are the analytical results for sample(s) received by the laboratory on August 07, 2009. 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,

Bonnie McKee

Bonnie McKee

bonnie.mckee@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

Charlotte Certification IDs

Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
North Carolina Wastewater Certification #: 12
North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84

Asheville Certification IDs

Connecticut Certification #: PH-0106
Virginia Certification #: 00072
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002
Pennsylvania Certification #: 68-03578
West Virginia Certification #: 356
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095
Florida/NELAP Certification #: E87648
North Carolina Wastewater Certification #: 40

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SAMPLE SUMMARY

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9250422001	**EB**	Water	08/06/09 08:50	08/07/09 14:37
9250422002	**FB**	Water	08/06/09 08:55	08/07/09 14:37

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SAMPLE ANALYTE COUNT

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9250422001	**EB**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	54	PASI-C
9250422002	**FB**	EPA 8260	MCK	54	PASI-C

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ANALYTICAL RESULTS

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

Sample: EB **Lab ID: 9250422001** Collected: 08/06/09 08:50 Received: 08/07/09 14:37 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	08/11/09 11:50	08/13/09 03:20	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/11/09 11:50	08/13/09 03:20	7440-38-2	
Barium	**20.3J**	ug/L	100	0.20	1	08/11/09 11:50	08/13/09 03:20	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/11/09 11:50	08/13/09 03:20	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/11/09 11:50	08/13/09 03:20	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:20	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/11/09 11:50	08/13/09 03:20	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/11/09 11:50	08/13/09 03:20	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/11/09 11:50	08/13/09 03:20	7439-92-1	
Nickel	**2.1J**	ug/L	50.0	1.7	1	08/11/09 11:50	08/13/09 03:20	7440-02-0	
Selenium	**4.0J**	ug/L	10.0	3.8	1	08/11/09 11:50	08/13/09 03:20	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/11/09 11:50	08/13/09 03:20	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/11/09 11:50	08/13/09 03:20	7440-28-0	
Vanadium	**0.60J**	ug/L	25.0	0.20	1	08/11/09 11:50	08/13/09 03:20	7440-62-2	
Zinc	**4.8J**	ug/L	10.0	0.40	1	08/11/09 11:50	08/13/09 03:20	7440-66-6	Z2
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/14/09 17:39	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/14/09 17:39	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/14/09 17:39	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/14/09 17:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/14/09 17:39	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/14/09 17:39	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/14/09 17:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/14/09 17:39	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/14/09 17:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/14/09 17:39	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/14/09 17:39	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/14/09 17:39	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/14/09 17:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/14/09 17:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/14/09 17:39	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/14/09 17:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/14/09 17:39	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/14/09 17:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/14/09 17:39	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/14/09 17:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/14/09 17:39	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/14/09 17:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/14/09 17:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/14/09 17:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/14/09 17:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/14/09 17:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/14/09 17:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/14/09 17:39	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/14/09 17:39	10061-01-5	

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ANALYTICAL RESULTS

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

Sample: EB **Lab ID: 9250422001** Collected: 08/06/09 08:50 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/14/09 17:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/14/09 17:39	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/14/09 17:39	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/14/09 17:39	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/14/09 17:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/14/09 17:39	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/14/09 17:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/14/09 17:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/14/09 17:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/14/09 17:39	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/14/09 17:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/14/09 17:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/14/09 17:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/14/09 17:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/14/09 17:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/14/09 17:39	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/14/09 17:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/14/09 17:39	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/14/09 17:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/14/09 17:39	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/14/09 17:39	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		08/14/09 17:39	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		08/14/09 17:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/14/09 17:39	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/14/09 17:39	2037-26-5	

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ANALYTICAL RESULTS

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

Sample: FB **Lab ID: 9250422002** Collected: 08/06/09 08:55 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/14/09 17:59	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/14/09 17:59	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/14/09 17:59	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/14/09 17:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/14/09 17:59	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/14/09 17:59	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/14/09 17:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/14/09 17:59	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/14/09 17:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/14/09 17:59	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/14/09 17:59	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/14/09 17:59	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/14/09 17:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/14/09 17:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/14/09 17:59	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/14/09 17:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/14/09 17:59	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/14/09 17:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/14/09 17:59	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/14/09 17:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/14/09 17:59	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/14/09 17:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/14/09 17:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/14/09 17:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/14/09 17:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/14/09 17:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/14/09 17:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/14/09 17:59	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/14/09 17:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/14/09 17:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/14/09 17:59	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/14/09 17:59	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/14/09 17:59	74-88-4	
Methylene Chloride	ND	ug/L	2.0	0.97	1		08/14/09 17:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/14/09 17:59	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/14/09 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/14/09 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/14/09 17:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/14/09 17:59	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/14/09 17:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/14/09 17:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/14/09 17:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/14/09 17:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/14/09 17:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/14/09 17:59	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/14/09 17:59	108-05-4	

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ANALYTICAL RESULTS

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

Sample: FB **Lab ID: 9250422002** Collected: 08/06/09 08:55 Received: 08/07/09 14:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/14/09 17:59	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/14/09 17:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/14/09 17:59	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/14/09 17:59	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		08/14/09 17:59	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/14/09 17:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/14/09 17:59	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		08/14/09 17:59	2037-26-5	

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QUALITY CONTROL DATA

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

QC Batch: MPRP/4889
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9250422001

METHOD BLANK: 320264
Matrix: Water
Associated Lab Samples: 9250422001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	08/13/09 03:13	
Arsenic	ug/L	ND	10.0	08/13/09 03:13	
Barium	ug/L	ND	100	08/13/09 03:13	
Beryllium	ug/L	ND	1.0	08/13/09 03:13	
Cadmium	ug/L	ND	1.0	08/13/09 03:13	
Chromium	ug/L	ND	10.0	08/13/09 03:13	
Cobalt	ug/L	ND	10.0	08/13/09 03:13	
Copper	ug/L	ND	10.0	08/13/09 03:13	
Lead	ug/L	ND	10.0	08/13/09 03:13	
Nickel	ug/L	ND	50.0	08/13/09 03:13	
Selenium	ug/L	ND	10.0	08/13/09 03:13	
Silver	ug/L	ND	10.0	08/13/09 03:13	
Thallium	ug/L	ND	5.5	08/13/09 03:13	
Vanadium	ug/L	ND	25.0	08/13/09 03:13	
Zinc	ug/L	4.5J	10.0	08/13/09 03:13	

LABORATORY CONTROL SAMPLE: 320265

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	493	99	80-120	
Arsenic	ug/L	500	503	101	80-120	
Barium	ug/L	500	475	95	80-120	
Beryllium	ug/L	500	509	102	80-120	
Cadmium	ug/L	500	507	101	80-120	
Chromium	ug/L	500	518	104	80-120	
Cobalt	ug/L	500	504	101	80-120	
Copper	ug/L	500	473	95	80-120	
Lead	ug/L	500	496	99	80-120	
Nickel	ug/L	500	509	102	80-120	
Selenium	ug/L	500	488	98	80-120	
Silver	ug/L	250	250	100	80-120	
Thallium	ug/L	500	473	95	80-120	
Vanadium	ug/L	500	499	100	80-120	
Zinc	ug/L	500	519	104	80-120	

MATRIX SPIKE SAMPLE: 320266

Parameter	Units	9250422001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	500	100	75-125	
Arsenic	ug/L	ND	500	507	101	75-125	

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QUALITY CONTROL DATA

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

MATRIX SPIKE SAMPLE: 320266

Parameter	Units	9250422001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	20.3J	500	492	94	75-125	
Beryllium	ug/L	ND	500	513	103	75-125	
Cadmium	ug/L	ND	500	507	101	75-125	
Chromium	ug/L	ND	500	518	104	75-125	
Cobalt	ug/L	ND	500	501	100	75-125	
Copper	ug/L	ND	500	476	95	75-125	
Lead	ug/L	ND	500	491	98	75-125	
Nickel	ug/L	2.1J	500	509	101	75-125	
Selenium	ug/L	4.0J	500	490	97	75-125	
Silver	ug/L	ND	250	250	100	75-125	
Thallium	ug/L	ND	500	470	94	75-125	
Vanadium	ug/L	0.60J	500	502	100	75-125	
Zinc	ug/L	4.8J	500	526	104	75-125	

SAMPLE DUPLICATE: 320267

Parameter	Units	9250424001 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	6.8J	5.7J	16	25	
Barium	ug/L	23.4J	22.7J	3	25	
Beryllium	ug/L	0.35J	0.32J		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	21.6	21.1	2	25	
Cobalt	ug/L	ND	ND		25	
Copper	ug/L	3.6J	3.2J		25	
Lead	ug/L	5.2J	5.0J	4	25	
Nickel	ug/L	1.7J	ND		25	
Selenium	ug/L	4.6J	ND		25	
Silver	ug/L	ND	ND		25	
Thallium	ug/L	ND	ND		25	
Vanadium	ug/L	48.2	47.3	2	25	
Zinc	ug/L	13.4	10.2	27	25	R1

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QUALITY CONTROL DATA

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

QC Batch: MSV/7962 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9250422001, 9250422002

METHOD BLANK: 321964 | Matrix: Water
Associated Lab Samples: 9250422001, 9250422002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	08/14/09 13:02	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/14/09 13:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	08/14/09 13:02	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/14/09 13:02	
1,1-Dichloroethane	ug/L	ND	5.0	08/14/09 13:02	
1,1-Dichloroethene	ug/L	ND	5.0	08/14/09 13:02	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/14/09 13:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	08/14/09 13:02	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	08/14/09 13:02	
1,2-Dichlorobenzene	ug/L	ND	5.0	08/14/09 13:02	
1,2-Dichloroethane	ug/L	ND	1.0	08/14/09 13:02	
1,2-Dichloropropane	ug/L	ND	1.0	08/14/09 13:02	
1,3-Dichloropropane	ug/L	ND	1.0	08/14/09 13:02	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/14/09 13:02	
2-Butanone (MEK)	ug/L	ND	100	08/14/09 13:02	
2-Hexanone	ug/L	ND	50.0	08/14/09 13:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	08/14/09 13:02	
Acetone	ug/L	ND	100	08/14/09 13:02	
Acrylonitrile	ug/L	ND	200	08/14/09 13:02	
Benzene	ug/L	ND	1.0	08/14/09 13:02	
Bromochloromethane	ug/L	ND	3.0	08/14/09 13:02	
Bromodichloromethane	ug/L	ND	1.0	08/14/09 13:02	
Bromoform	ug/L	ND	3.0	08/14/09 13:02	
Bromomethane	ug/L	ND	10.0	08/14/09 13:02	
Carbon disulfide	ug/L	ND	100	08/14/09 13:02	
Carbon tetrachloride	ug/L	ND	1.0	08/14/09 13:02	
Chlorobenzene	ug/L	ND	3.0	08/14/09 13:02	
Chloroethane	ug/L	ND	10.0	08/14/09 13:02	
Chloroform	ug/L	ND	5.0	08/14/09 13:02	
Chloromethane	ug/L	ND	1.0	08/14/09 13:02	
cis-1,2-Dichloroethene	ug/L	ND	5.0	08/14/09 13:02	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/14/09 13:02	
Dibromochloromethane	ug/L	ND	3.0	08/14/09 13:02	
Dibromomethane	ug/L	ND	10.0	08/14/09 13:02	
Ethylbenzene	ug/L	ND	1.0	08/14/09 13:02	
Iodomethane	ug/L	ND	10.0	08/14/09 13:02	
m&p-Xylene	ug/L	ND	2.0	08/14/09 13:02	
Methylene Chloride	ug/L	ND	2.0	08/14/09 13:02	
o-Xylene	ug/L	ND	1.0	08/14/09 13:02	
Styrene	ug/L	ND	1.0	08/14/09 13:02	
Tetrachloroethene	ug/L	ND	1.0	08/14/09 13:02	
Toluene	ug/L	ND	1.0	08/14/09 13:02	
trans-1,2-Dichloroethene	ug/L	ND	5.0	08/14/09 13:02	

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QUALITY CONTROL DATA

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

METHOD BLANK: 321964 Matrix: Water

Associated Lab Samples: 9250422001, 9250422002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/14/09 13:02	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	08/14/09 13:02	
Trichloroethene	ug/L	ND	1.0	08/14/09 13:02	
Trichlorofluoromethane	ug/L	ND	1.0	08/14/09 13:02	
Vinyl acetate	ug/L	ND	50.0	08/14/09 13:02	
Vinyl chloride	ug/L	ND	1.0	08/14/09 13:02	
Xylene (Total)	ug/L	ND	5.0	08/14/09 13:02	
1,2-Dichloroethane-d4 (S)	%	98	79-120	08/14/09 13:02	
4-Bromofluorobenzene (S)	%	101	87-109	08/14/09 13:02	
Dibromofluoromethane (S)	%	91	85-115	08/14/09 13:02	
Toluene-d8 (S)	%	98	70-120	08/14/09 13:02	

LABORATORY CONTROL SAMPLE: 321965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.8	110	83-125	
1,1,1-Trichloroethane	ug/L	50	51.1	102	80-129	
1,1,2,2-Tetrachloroethane	ug/L	50	53.7	107	73-127	
1,1,2-Trichloroethane	ug/L	50	54.0	108	77-123	
1,1-Dichloroethane	ug/L	50	49.5	99	76-129	
1,1-Dichloroethene	ug/L	50	52.5	105	78-146	
1,2,3-Trichloropropane	ug/L	50	52.6	105	72-125	
1,2-Dibromo-3-chloropropane	ug/L	50	52.6	105	65-128	
1,2-Dibromoethane (EDB)	ug/L	50	55.3	111	81-125	
1,2-Dichlorobenzene	ug/L	50	51.6	103	82-126	
1,2-Dichloroethane	ug/L	50	51.5	103	72-126	
1,2-Dichloropropane	ug/L	50	53.6	107	80-127	
1,3-Dichloropropane	ug/L	50	53.6	107	79-124	
1,4-Dichlorobenzene	ug/L	50	50.1	100	79-125	
2-Butanone (MEK)	ug/L	100	99.1J	99	50-134	
2-Hexanone	ug/L	100	104	104	58-138	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-131	
Acetone	ug/L	100	107	107	50-146	
Acrylonitrile	ug/L	250	256	103	66-124	
Benzene	ug/L	50	49.8	100	78-128	
Bromochloromethane	ug/L	50	54.1	108	73-124	
Bromodichloromethane	ug/L	50	50.2	100	81-125	
Bromoform	ug/L	50	46.8	94	71-125	
Bromomethane	ug/L	50	59.4	119	50-150	
Carbon disulfide	ug/L	50	54.7J	109	54-150	
Carbon tetrachloride	ug/L	50	50.1	100	81-137	
Chlorobenzene	ug/L	50	50.7	101	82-126	
Chloroethane	ug/L	50	47.1	94	69-140	
Chloroform	ug/L	50	49.5	99	77-129	
Chloromethane	ug/L	50	40.0	80	54-139	

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QUALITY CONTROL DATA

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

LABORATORY CONTROL SAMPLE: 321965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	51.6	103	76-133	
cis-1,3-Dichloropropene	ug/L	50	55.2	110	76-127	
Dibromochloromethane	ug/L	50	52.7	105	77-125	
Dibromomethane	ug/L	50	53.2	106	77-125	
Ethylbenzene	ug/L	50	51.9	104	80-127	
Iodomethane	ug/L	100	129	129	65-172	
m&p-Xylene	ug/L	100	107	107	82-127	
Methylene Chloride	ug/L	50	48.8	98	67-133	
o-Xylene	ug/L	50	55.3	111	83-124	
Styrene	ug/L	50	48.9	98	80-130	
Tetrachloroethene	ug/L	50	49.4	99	78-128	
Toluene	ug/L	50	49.0	98	76-126	
trans-1,2-Dichloroethene	ug/L	50	48.7	97	78-134	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	75-125	
trans-1,4-Dichloro-2-butene	ug/L	50	49.7J	99	51-140	
Trichloroethene	ug/L	50	52.6	105	79-127	
Trichlorofluoromethane	ug/L	50	49.4	99	76-148	
Vinyl acetate	ug/L	100	68.1	68	50-150	
Vinyl chloride	ug/L	50	50.0	100	67-143	
Xylene (Total)	ug/L	150	163	108	83-125	
1,2-Dichloroethane-d4 (S)	%			95	79-120	
4-Bromofluorobenzene (S)	%			103	87-109	
Dibromofluoromethane (S)	%			98	85-115	
Toluene-d8 (S)	%			98	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 321966 321967

Parameter	Units	9250227006 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	53.8	125	108	60-150	15	30	
Benzene	ug/L	ND	50	50	60.8	52.8	122	106	74-136	14	30	
Chlorobenzene	ug/L	ND	50	50	59.2	51.9	118	104	79-135	13	30	
Toluene	ug/L	ND	50	50	60.0	51.5	120	103	73-131	15	30	
Trichloroethene	ug/L	ND	50	50	62.5	54.3	125	109	73-131	14	30	
1,2-Dichloroethane-d4 (S)	%						100	101	79-120			
4-Bromofluorobenzene (S)	%						103	103	87-109			
Dibromofluoromethane (S)	%						98	98	85-115			
Toluene-d8 (S)	%						99	99	70-120			

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QUALIFIERS

Project: WAYNE MSWLF BLANKS
Pace Project No.: 9250422

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.

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

LABORATORIES

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

ANALYTE QUALIFIERS

R1	RPD value was outside control limits.
Z2	Analyte present in the associated method blank above the detection limit.

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1324185

Section A Required Client Information:

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

Section B Required Project Information:

Report To: Jonathan Pfohl
Copy To:
Purchase Order No.:
Project Name: Wayne MSWLF Blanks
Project Number:

Section C Invoice Information:

Attention: See Section A
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
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

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED 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	Metals - App I	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9250422
1	EB	WT	G			8/6/09	8:50		4			1	3					✓	✓	N	001
2	FB	↓	↓			8/6/09	8:55		3				3					✓			002
3	No TB sent as Requested																				
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Disposable - "Sink Fast Baler" for EB	[signature] / MESCO	8/6/09	9:50 PM	[signature] pace dt	8/7/09	9:22				
Blanks for Both Dudley Facilities	[signature] pace dt	8-7-09	14:37	[signature] / Pace	8/7/09	14:37	2-3	yes	no	yes
							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 Pfohl
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 8/6/09

*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.

Pace Analytical

Sample Condition Upon Receipt

Client Name: Municipal Eng Project # 9250422

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: N/A
Proj. Name: N/A

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

Thermometer Used T060 Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 2.3 Biological Tissue is Frozen: Yes No N/A

Date and initials of person examining contents: CW 8/7

Temp should be above freezing to 6°C

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

Client Notification/ Resolution:

Field Data Required? Y / N / N/A

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BKM Date: 8/10/09

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)

Sampling Data Sheet

Municipal Services Engineering Company
Garner, NC Boone, NC

Samplers: J. Pfohl Page 1 of 2

Project: Wayne Co. Subtitle D Lined MSWLF, Dudley

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	Notes	Total Depth	Water Quality Parameters: CO2 (mg/l)	DO (mg/L)	ORP	pH	Temp. ©	Specific Cond. (us/cm	TDS (mg/L)	Turbidity	CH4 Gas Vapors (ppm)
MW-1	8/4/09	3:00	15.13	DM	8	P&DB	N		22.5	NR	7.9	261	6.13	19.9	180	80	426 ST	Q
MW-2	8/6/09	5:30	10.01	DM	8	P&DB	N		20		1.7	183	6.83	20.0	200	90	53.3 c	NR
MW-3	8/5/09	4:05	5.33	DM	10	P&DB	N		20		1.3	193	5.91	20.3	400	190	67.9 ST	NR
MW-4	8/6/09	3:40	16.63	DM	9	DB	N		25		2.3	191	6.07	19.6	10	0	2.08 c	NR
MW-5	8/6/09	~~3:05~~	~~16.18~~ 11:37	DM	9	P&DB	Y		23		2.0	203	6.31	19.6	30	10	5.61	NR
MW-6	8/6/09	~~3:05~~	~~16.18~~ 17.28	DM	6	P&DB	Y		25		0.4	231	5.89	19.2	20	10	9.81 c	NR
MW-7	8/6/09	1:00	5.88	DM	7	DB	N		20		1.4	186	6.51	20.1	200	90	9.82 c	NR
MW-8	8/5/09	2:35	7.87	DM	8	DB	N		20		2.4	193	6.23	19.7	200	90	49.8 c	NR
MW-9	8/5/09	3:35	11.58	DM	9	P&DB	Y		23		1.6	211	6.71	19.6	40	10	33.5 c	NR
MW-10	8/5/09	3:05	~~16.13~~ 17.79	DM	9	P&DB	N		23		1.2	183	6.31	19.8	60	20	11.6 c	NR
MW-11	8/5/09	2:00	4.11	DM	8	P&DB	N		15.49		1.8	197	6.38	19.5	60	20	9.86 c	NR
MW-12	8/5/09	1:35	4.74	DM	8	DB	Y		16.45		1.7	131	6.19	19.7	160	70	11.9 c	Q
MW-13	8/4/09	4:30	8.78	DM	7	P&DB	N		15.85		2.6	119	6.19	19.8	30	10	2.13 c	Q
SW-2	8/6/09	5:40	—	DM	-	Dip	-	Moving	-		7.8	307	6.83	25.3	100	40	20.3 c	-
SW-3	8/6/09	4:20	—	DM	-	Dip	-	Moving	-		7.9	312	6.91	25.8	110	50	11.7 c	-
SW-4	8/6/09	4:35	—	DM	-	Dip	-	Moving	-		8.1	323	6.83	26.2	30	10	7.14 ST	-
SW-5	8/6/09	5:00	—	DM	-	Dip	-	Moving	-		7.9	316	6.78	26.3	30	10	10.5 ST	-

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

Sampling Data Sheet

Municipal Services Engineering Company
Garner, NC Boone, NC

Project: Wayne Co Subtitle D Lined MSWLF

Samplers: J. Pfohl Page 2 of 2

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)
LE-1	8/5/09	5:55	—	Leachate	—		—		—	NR	NR	NR	6.67	NR	>instrument range		ST	—
LE-2	8/5/09	5:10	—	Leachate	—		—		—	↓	↓	↓	6.81	↓	↓	↓	MT	—
LS-4	8/5/09	5:35	—	Leachate	—	B	—		—	↓	↓	↓	6.93	↓	↓	↓	MT	—
LS-5	8/5/09	4:30	—	Leachate	—	Valve Big	—	Valve	—	↓	↓	↓	6.99	↓	↓	↓	MT	—
LS-6	8/5/09	4:50	—	Leachate	—	Big valve	—	3/12"	—	↓	↓	↓	6.58	↓	>↓	↓	MT	—

Metals & VOC analysis PACE
All other analysis ENCO due to Hold time constraints.

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

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