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):

Grey Engineering, Inc.

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

Name: John C. Grey, Jr., PE Phone: 336-751-2110

E-mail: jgrey@greyengineering.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Davie County MSW Landfill	360 Dalton Rd., Mocksville, NC 27028	30-03		November 2-3, 2010

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

John C. Grey, Jr., PE — President — 336-751-2110

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

Signature — 12-8-10 Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA PROFESSIONAL SEAL 15407 ENGINEER JOHN C. GREY, JR.

12-8-10

254 W. Water St., Mocksville, NC 27028

Facility Representative Address

C-0909

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

Revised 6/2009

GREY
ENGINEERING, INC.

December 17, 2010

Compliance Unit
NCDENR-DWM, Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Re: MSW Landfill Monitoring
Davie County MSW Landfill
360 Dalton Rd, Mocksville
Project #202.019

Dear Sirs,

With respect to the Davie County Landfill, permit # 30-03, the following information is included on the enclosed CD: field collection reports, laboratory analysis report; exceedance summary table with history; detection summary table with history; environmental monitoring reporting form; vicinity map and monitoring well location map. The sampling was conducted in November 2010.

The data indicates no exceedance of surface water standards. However, you will note from the Exceedance Summary Table that monitoring wells **MW-1** (Benzene, Trichloroethene, Vinyl Chloride), **MW-4** (Benzene, Vinyl Chloride), **MW-5** (1,1-Dichloroethane,1,2 Dichloropropane, Benzene, Trichloroethene, Vinyl Chloride), **MW-10** (Tetrachloroethene, Trichloroethene), **MW-12** (Tetrachloroethene), **MW-15** (Tetrachloroethene), **MW-16D** (Benzene, Tetrachloroethene, Vinyl Chloride) show exceedance of 2L levels for the November 2-3rd sampling event.

These exceedances result from historic landfill use. The landfill is now capped and closed. S&ME has reasonably estimated of the limits waste, revised the compliance boundary and determined that some of the existing monitoring wells are inappropriately placed too close to the edge of buried waste and should be removed from the program.

Monitoring well 13A was installed adjacent to existing MW-13 for background monitoring purposes. MW-13 was damaged and frequently dry. MW-13A results are included in the detection summary. MW-13A as well as all other sampled wells with the exception of MW-16D returned detection results that include chloromethane. None of the chloromethane detections exceed 2L limits, however, in the project narrative accompanying the sampling results, ENCO addresses this detection as a potential contamination result and indicates that they have changed vial vendors as a precaution.

The County anticipates a report from S&ME summarizing work done in 2010, including previously authorized work deferred to 2011 due to winter access issues and recommendations for additional assessment activities.

If you should have any questions, do not hesitate to contact me.

Sincerely,
Grey Engineering, Inc

John C. Grey, PE
Cc: Ms. Beth Dirks, Davie County Manager

P.O. Box 9 • Mocksville, NC 27028 • Phone: (336) 751-2110 • Fax: (336) 751-6348 • www.greyengineering.com

Davie County Monitoring Wells
November 2010 Exceedance
With History

WELL ID	SWID	CAS	PARAMETER	Dec-03 RESULT	Jun-04 RESULT	Oct-04 RESULT	Apr-05 RESULT	Oct-05 RESULT	Mar-06 RESULT	Oct-06 RESULT	Apr-07 RESULT	Nov-07 RESULT	Apr-08 RESULT	Aug-08 RESULT	Nov-08 RESULT	May-09 RESULT	Oct-09 RESULT	Apr-10 RESULT	Nov-10 RESULT	Code	(As of 2010) MDL	MRL	SWSL	2L	2L*	GWP	Units	pH
MW-1	199	106-46-7	1,4- Dichlorobenzene	*	*	*	*	*	*	*	2.80	1.70	2.50	2.2	2.9	3.2	3.5	2.5	3.4		0.100	1.0	1	1.4	6.0	70.0	ug/L	6.16
MW-1	16	71-43-2	Benzene	*	5.5	*	6	5	5.2	*	*	1.80	1.70	1.5	1.8	2.4	2.4	2.0	1.7		0.050	1.0	1	1.0	1.0	NE	ug/L	6.16
MW-1	192	127-18-4	Tetrachloroethene	7	5.6	*	23	*	*	*	2.10	*	0.75	*	*	2.4	0.52	*	0.46		0.099	1.0	1	0.70	0.70	NE	ug/L	6.16
MW-1	201	79-01-6	Trichloroethene	*	8.8	7.9	9	*	11.7	11	10.00	9.00	8.00	7.7	8.4	7.2	8.2	5.5	7.0		0.130	1.0	1	2.8	3.0	NE	ug/L	6.16
MW-1	211	75-01-4	Vinyl chloride	*	*	*	*	*	*	*	4.00	2.10	2.60	4.1	3.0	2.7	3.4	2.8	2.5		0.083	1.0	1	0.015	0.030	NE	ug/L	6.16
MW-4	199	106-46-7	1,4- Dichlorobenzene	*	*	*	*	*	*	*	2.80	2.40	2.60	1.8	3.1	1.3	2.0	1.6	3.1		0.100	1.0	1	1.4	6.0	70.0	ug/L	5.08
MW-4	16	108-90-7	Benzene	*	*	*	*	*	*	*	*	2.90	2.90	2.2	2.8	1.8	2.0	1.8	1.9		0.050	1.0	1	1	1	NE	ug/L	5.08
MW-4	78	156-59-2	cis-1,2-Dichloroethene	32	10	20	22	55	76.6	56.0	16.00	24.00	15.00	10.0	14.0	4.0	7.1	4.3	6.9		0.075	1.0	5	70	70	NE	ug/L	5.08
MW-4	66	124-48-1	Dibromochloromethane	*	*	*	*	*	*	*	*	*	*	0.5	*	*	*	*	*		0.100	1.0	1.0	0.41	0.40	0.41	ug/L	5.08
MW-4	201	79-01-6	Trichloroethene	*	*	*	*	*	6.4	*	*	1.40	0.87	0.4	0.66	*	*	16.0	*		0.130	1.0	1	2.8	3	NE	ug/L	5.08
MW-4	211	75-01-4	Vinyl chloride	*	*	*	*	*	*	*	2.00	2.30	1.60	1.5	1.7	*	0.73	0.42	0.80	J	0.083	1.0	1	0.015	0.030	NE	ug/L	5.08
MW-5	75	75-34-3	1,1-Dichloroethane	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.3	7.4		0.050	1.0	5	70	6	NE	ug/L	6.54
MW-5	82	78-87-5	1,2 Dichloropropane	*	5.3	*	*	*	5.4	*	3.90	2.90	3.20	1.9	3.0	2.7	2.7	2.9	2.8		0.098	1.0	1	0.51	0.60	NE	ug/L	6.54
MW-5	199	106-46-7	1,4-Dichlorobenzene	*	*	*	*	*	*	*	2.10	0.65	1.40	1.0	1.3	1.6	1.2	1.2	1.6		0.100	1.0	1	1.4	6.0	NE	ug/L	6.54
MW-5	16	108-90-7	Benzene	*	*	*	*	*	*	*	*	2.80	3.30	2.0	2.8	2.9	2.9	2.8	2.9		0.050	1.0	1	1	1	NE	ug/L	6.54
MW-5	192	127-18-4	Tetrachloroethene	27	23	16	21	12	14.3	*	16.00	4.20	3.80	*	4.4	0.66	*	0.4	0.4	J	0.099	1.0	1	0.70	0.70	NE	ug/L	6.54
MW-5	201	79-01-6	Trichloroethene	25	24	15	20	*	21.4	18	20.00	10.00	15.00	13.1	14.0	22.0	19.0	16.0	17.0		0.130	1.0	1	2.8	3	NE	ug/L	6.54
MW-5	211	75-01-4	Vinyl chloride	*	*	*	*	*	*	*	0.99	0.61	0.91	1.0	0.93	0.69	0.91	1.10	1.00		0.083	1.0	1	0.015	0.030	NE	ug/L	6.54
MW-7	34	7440-43-9	Cadmium	*	*	*	*	*	*	*	*	*	*	*	*	0.09	5.31	*	0.37	J	0.36	1.0	1	1.75	2.00		ug/L	6.09
MW-7	131	7439-92-1	Lead	*	*	*	*	*	*	*	*	*	*	*	4.8	*	23.0	*	4.9	J	1.90	10.0	10	15	15	NE	ug/L	6.09
MW-10	131	7439-92-1	Lead	*	*	*	*	*	*	*	5.30	3.90	2.70	NR	*	*	19.2	2.4	*		1.90	10.0	10	15	15	NE	ug/L	6.86
MW-10	192	127-18-4	Tetrachloroethene	13	*	*	6	*	6.5	7.7	8.20	5.20	7.00	3.0	6.5	9.5	9.2	9.1	9.9		0.099	1.0	1	0.700	0.700	NE	ug/L	6.86
MW-10	201	79-01-6	Trichloroethene	*	*	*	*	*	*	*	*	*	*	*	*	3.1	3.2	3.6	3.8		0.130	1.0	1	2.8	3	NE	ug/L	6.86
MW-12	131	7439-92-1	Lead	17	*	*	*	*	*	33.4	13.00	56.80	2.80	*	19.7	16.4	9.33	*	*		1.900	10.0	10	15	15	NE	ug/L	6.64
MW-12	192	127-18-4	Tetrachloroethene	*	*	*	*	*	*	*	*	0.54	0.69	NR	0.67	0.64	0.61	0.79	1.10		0.099	1.0	1	0.700	0.700	NE	ug/L	6.64
MW-14	131	7439-92-1	Lead	*	*	*	*	*	*	*	*	*	*	*	43.7	7.9	4.59	*	*		1.900	10.0	10	15	15	NE	ug/L	6.87

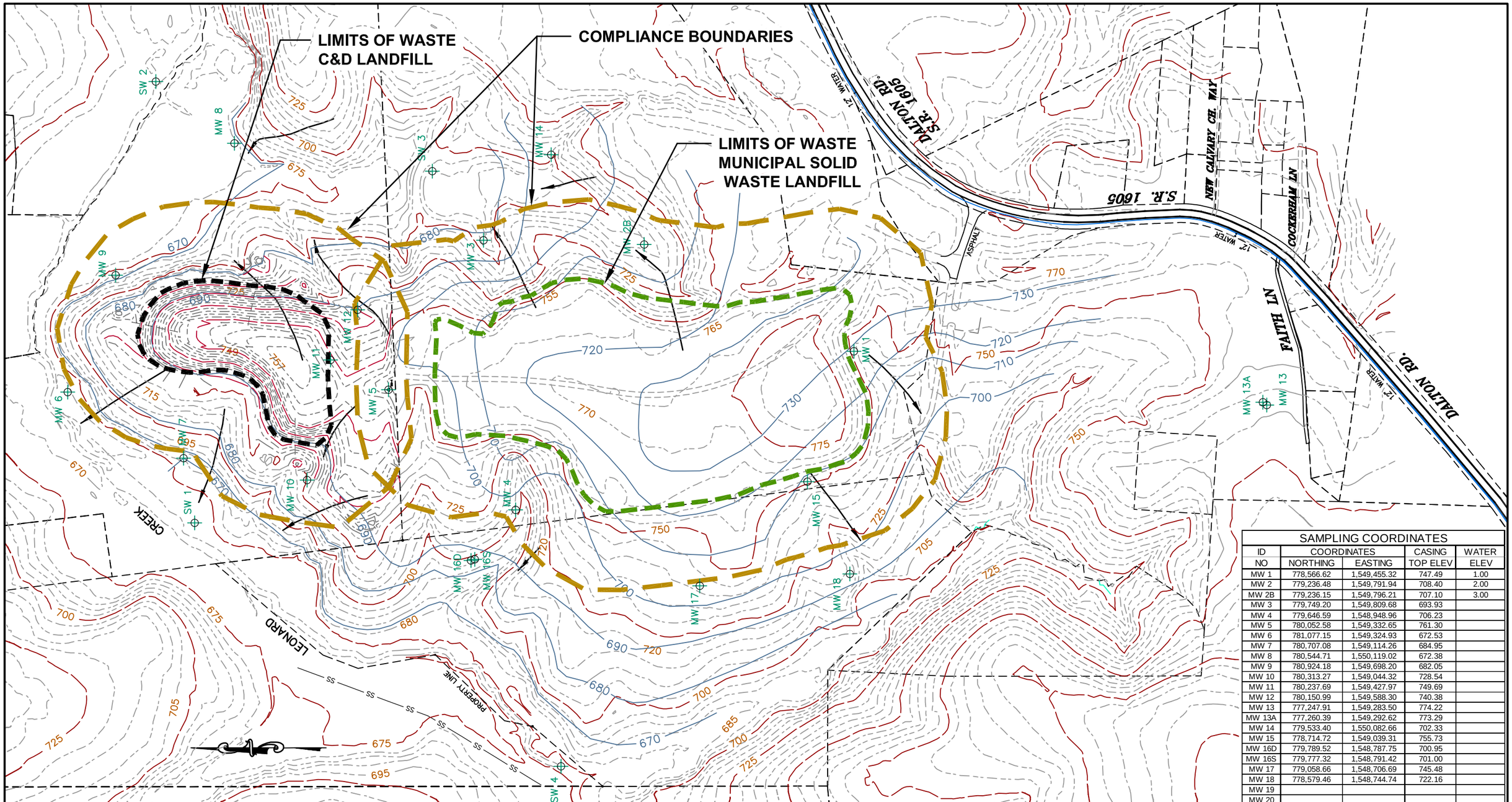
* The 2L standard was revised on February 5, 2010

Davie County Monitoring Wells
November 2010 Exceedance
With History

WELL ID	SWID	CAS	PARAMETER	Dec-03 RESULT	Jun-04 RESULT	Oct-04 RESULT	Apr-05 RESULT	Oct-05 RESULT	Mar-06 RESULT	Oct-06 RESULT	Apr-07 RESULT	Nov-07 RESULT	Apr-08 RESULT	Aug-08 RESULT	Nov-08 RESULT	May-09 RESULT	Oct-09 RESULT	Apr-10 RESULT	Nov-10 RESULT	Code	MDL	MRL	SWSL	2L	2L*	GWP	Units	pH
																								(As of 2010)				
MW-15	131	7439-92-1	Lead	*	*	*	*	*	*	*	4.90	*	**40.00**	10.0	*	*	3.28	*	*		1.900	10.0	10	15	15	NE	ug/L	5.75
MW-15	140	75-09-2	Methylene chloride	*	*	*	*	*	*	*	1.10	**2.70**	0.60	0.8	*	*	0.83	0.91	*	J	0.070	2.0	1	2.600	5.000	2.6	ug/L	5.75
MW-15	192	127-18-4	Tetrachloroethene	*	*	*	*	*	*	*	**5.70**	**2.60**	**2.50**	**1.0**	**2.2**	**3.1**	**2.7**	**2.3**	**2.7**		0.099	1.0	1	0.700	0.700	NE	ug/L	5.75
MW-15	201	79-01-6	Trichloroethene	*	*	*	*	*	*	*	**3.50**	2.50	2.30	1.8	1.9	2.4	2.8	2.3	3.0		0.130	1.0	1	2.800	3.000	NE	ug/L	5.75
MW-15	211	75-01-4	Vinyl chloride	*	*	*	*	*	*	*	*	*	*	**0.3**	*	*	*	*	*		0.150	1.0	1	0.015	0.030	NE	ug/L	5.75
MW-16D	16	71-43-2	Benzene	*	*	*	*	*	*	*	*	0.52	0.98	0.8	**1.1**	**1.2**	**1.4**	**1.5**	**1.6**		0.200	1.0	1	1.0	1.0	NE	ug/L	5.32
MW-16D	137	75-09-2	Methylene chloride	*	*	*	*	*	*	*	0.72	**2.70**	0.94	1.3	*	*	2.1	2.4	1.7		0.530	2.0	1	2.600	5.000	2.6	ug/L	5.32
MW-16D	192	127-18-4	Tetrachloroethene	*	*	*	*	*	*	*	**3.80**	**2.00**	**3.00**	**0.8**	**2.2**	**3.0**	**2.9**	**2.5**	**3.1**		0.360	1.0	1	0.700	0.700	NE	ug/L	5.32
MW-16D	201	79-01-6	Tricholorethene	*	*	*	*	*	*	*	*	0.98	**1.40**	**1.0**	**1.3**	**1.5**	**1.7**	1.7	1.9		0.380	1.0	1	1	3	NE	ug/L	5.32
MW-16D	211	75-01-4	Vinyl Chloride	*	*	*	*	*	*	*	*	0.39	0.51	0.6	0.57	**0.53**	**0.75**	**0.82**	**0.74**	J	0.083	1.0	1	0.015	0.030	NE	ug/L	5.32

* did not meet minimum reporting parameter

* The 2L standard was revised on February 5, 2010



SAMPLING COORDINATES				
ID	COORDINATES		CASING	WATER
NO	NORTHING	EASTING	TOP ELEV	ELEV
MW 1	778,566.62	1,549,455.32	747.49	1.00
MW 2	779,236.48	1,549,791.94	708.40	2.00
MW 2B	779,236.15	1,549,796.21	707.10	3.00
MW 3	779,749.20	1,549,809.68	693.93	
MW 4	779,646.59	1,548,948.96	706.23	
MW 5	780,052.58	1,549,332.65	761.30	
MW 6	781,077.15	1,549,324.93	672.53	
MW 7	780,707.08	1,549,114.26	684.95	
MW 8	780,544.71	1,550,119.02	672.38	
MW 9	780,924.18	1,549,698.20	682.05	
MW 10	780,313.27	1,549,044.32	728.54	
MW 11	780,237.69	1,549,427.97	749.69	
MW 12	780,150.99	1,549,588.30	740.38	
MW 13	777,247.91	1,549,283.50	774.22	
MW 13A	777,260.39	1,549,292.62	773.29	
MW 14	779,533.40	1,550,082.66	702.33	
MW 15	778,714.72	1,549,039.31	755.73	
MW 16D	779,789.52	1,548,787.75	700.95	
MW 16S	779,777.32	1,548,791.42	701.00	
MW 17	779,058.66	1,548,706.69	745.48	
MW 18	778,579.46	1,548,744.74	722.16	
MW 19				
MW 20				
MW 21				
SW 1	780,671.78	1,548,907.64		
SW 2	780,795.77	1,550,316.07		
SW 3	779,912.71	1,550,030.14		
SW 4	779,501.70	1,548,130.73		

GENERAL NOTES:

1. NORTH IS BASED ON NATIONAL GEODETIC SURVEY 'NORTH CAROLINA GEOID 2009'.
2. EXISTING WELL NO'S 1 THROUGH 15, SW1 THROUGH SW4, ORIGINALLY FROM KUHN CONSTRUCTION SURVEYS, DAVIE COUNTY LANDFILL SURVEY, JOB 089-L, DWG 1997-4+; 10-97. ELEVATION ADJUSTED TO GEOID 2009.
3. EXISTING WELL NO'S 16S, 16P, 17, AND 18 SURVEYED BY GREY ENGINEERING, 12/11/03.
4. TOPOGRAPHY AND ROAD LOCATIONS ARE APPROXIMATE. TOPOGRAPHY FROM MOCKSVILLE NC QUADRANGLE; USGS 7.5 MINUTE TOPOGRAPHIC SERIES, 1994.
5. ELEVATIONS SHOWN AT TIME OF SAMPLING

LEGEND

⌖	SAMPLE LOCATIONS
MW	MONITORING WELL NO. & ELEV.
SW	SURFACE WATER
740	TOPOGRAPHIC CONTOUR LINE
680	GROUNDWATER CONTOUR LINE
→	GROUNDWATER FLOW DIRECTION

0 300 600 900

SCALE: 1"=300' CONTOURS AT 10'

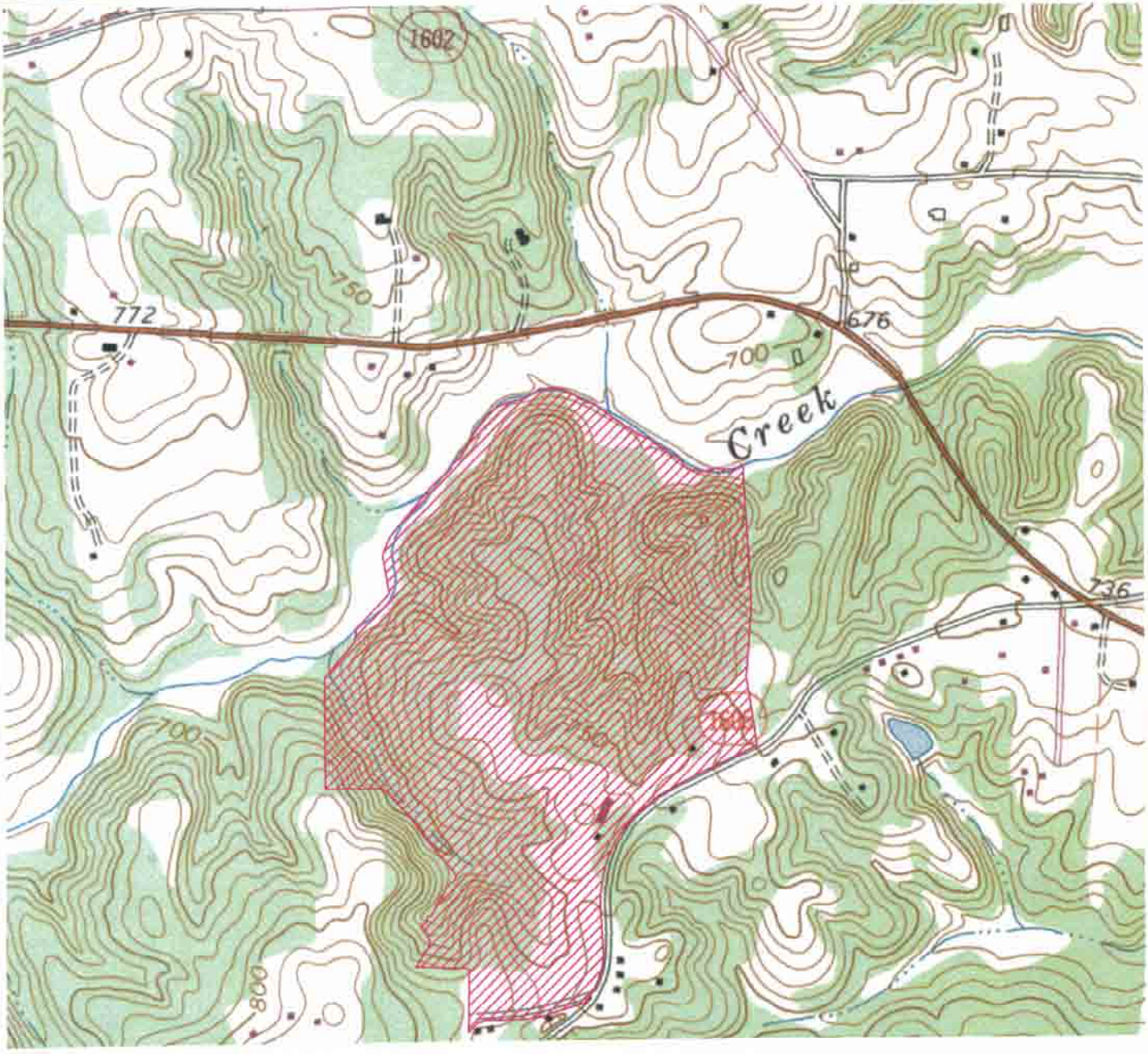
\202.075ge\Pln geoid09\Well Loc1

DAVIE COUNTY LANDFILL
MOCKSVILLE, NORTH CAROLINA

SAMPLE LOCATIONS/GROUNDWATER CONTOUR MAP
DECEMBER 2010

GREY ENGINEERING, INC.
greyengineering.com Mocksville, N.C. (336)751-2110

SHEET: 1 of 1



MOCKSVILLE QUADRANGLE
NORTH CAROLINA
USGS 7.5 MINUTE TOPOGRAPHIC SERES
1969

0 1000 2000 3000

SCALE: 1"=1000' CONTOURS AT 2'

GREY ENGINEERING, INC.
Civil Design and Surveying
P.O. Box 9 Mocksville, N.C. 27028
greyengineering.com (336)751-2110

DRAWN BY: C. DAVIDSON
DESIGN BY: C. DAVIDSON
PROJ. NO.: 202.019
DATE: 06-22-04

DAVIE COUNTY LANDFILL

MOCKSVILLE, NORTH CAROLINA
SITE LOCATION MAP

SHEET 1 OF 1

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

Thursday, November 18, 2010

Grey Engineering (GR009)

Attn: Joy Howard

254 West Water Street

Mocksville, NC 27028

RE: Laboratory Results for
Project Number: 1584-03-109, Project Name/Desc: Davie County Landfill
ENCO Workorder: C013019

Dear Joy Howard,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, November 4, 2010.

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 124.

PROJECT NARRATIVE

Overview

Environmental Conservation Laboratories, Inc. (ENCO) analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by ENCO are discussed in the QC Remarks section below.

Quality Control Samples

No Comments

Quality Control Remarks

No Comments

Other Comments
The target analyte Chloromethane was detected in samples 3001-MW1, 3001-MW2, 3001-MW3 MS/MSD, 3001-MW4, 3001-MW5A, 3001-MW6, 3001-MW7, 3001-MW8, 3001-MW9, 3001-MW10, 3001-MW12, 3001-MW13A, 3001-MW14, 3001-MW15, 3001-MW16S, 3001-MW17, 3001-MW18, 3001-MW21, 3001-Duplicate and 3001-TripBlank.

Recently, chloromethane was detected in monitoring wells where this compound was not previously found. In addition to the monitoring well detections, occasional hits for chloromethane were also seen in the trip blanks provided by the laboratory. These trip blanks are used to monitor both internal to the laboratory and external contamination sources.

Several possible routes of internal contamination were investigated including the inspection of all HVAC and refrigeration units used in the laboratory, changing the instrument sorbent traps and evaluating ambient air sources of contamination. All of these potential sources were eliminated.

In rare instances it has been noted that the hydrochloric acid used to preserve volatile samples can impart chloromethane contamination. While chloromethane detects are not seen in all sample vials analyzed, ENCO has decided to change vial vendors to eliminate this potential source of contamination.

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative or in the Flags/Notes and Definitions section of the report.

Released By:
Environmental Conservation Laboratories, Inc.

Chuck Smith
Project Manager

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: 3001-MW1 Lab ID: C013019-01 Sampled: 11/02/10 09:50 Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:01
EPA 7470A	11/30/10	11/09/10 08:31	11/9/2010 14:07
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 17:00

Client ID: 3001-MW2 Lab ID: C013019-02 Sampled: 11/03/10 16:50 Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 12:04
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 14:10
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 00:39

Client ID: 3001-MW3 MS/MSD Lab ID: C013019-03 Sampled: 11/03/10 09:25 Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 11:38
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 13:52
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 00:11

Client ID: 3001-MW4 Lab ID: C013019-04 Sampled: 11/03/10 15:05 Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 12:07
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 14:13
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 01:08

Client ID: 3001-MW5A Lab ID: C013019-05 Sampled: 11/03/10 17:35 Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 12:10
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 14:21
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 01:36

Client ID: 3001-MW6 Lab ID: C013019-06 Sampled: 11/03/10 12:30 Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 12:13
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 14:25
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 02:04

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Client ID: 3001-MW7	Lab ID: C013019-07	Sampled: 11/03/10 13:15	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 12:16
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 14:28
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 02:33

Client ID: 3001-MW8	Lab ID: C013019-08	Sampled: 11/03/10 10:20	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 12:18
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 14:31
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 03:01

Client ID: 3001-MW9	Lab ID: C013019-09	Sampled: 11/03/10 11:40	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 12:30
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 14:34
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 03:29

Client ID: 3001-MW10	Lab ID: C013019-10	Sampled: 11/02/10 17:00	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:34
EPA 7470A	11/30/10	11/09/10 08:31	11/9/2010 14:36
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 17:30

Client ID: 3001-MW12	Lab ID: C013019-11	Sampled: 11/02/10 16:05	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:37
EPA 7470A	11/30/10	11/09/10 08:31	11/9/2010 14:39
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 17:59

Client ID: 3001-MW13A	Lab ID: C013019-12	Sampled: 11/02/10 14:20	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:40
EPA 7470A	11/30/10	11/09/10 08:31	11/9/2010 14:42
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 18:29

Client ID: 3001-MW14	Lab ID: C013019-13	Sampled: 11/03/10 08:15	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 12:42
EPA 7470A	12/01/10	11/09/10 08:31	11/9/2010 14:45
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 03:57

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Client ID: 3001-MW15	Lab ID: C013019-14	Sampled: 11/02/10 15:10	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:45
EPA 7470A	11/30/10	11/09/10 08:31	11/9/2010 14:48
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 18:59

Client ID: 3001-MW16S	Lab ID: C013019-15	Sampled: 11/02/10 11:35	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:48
EPA 7470A	11/30/10	11/09/10 08:31	11/9/2010 14:57
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 19:29

Client ID: 3001-MW16D	Lab ID: C013019-16	Sampled: 11/02/10 11:00	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:52
EPA 7470A	11/30/10	11/09/10 08:31	11/9/2010 15:00
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 19:58

Client ID: 3001-MW17	Lab ID: C013019-17	Sampled: 11/02/10 12:15	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:55
EPA 7470A	11/30/10	11/09/10 08:36	11/9/2010 16:29
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 20:28

Client ID: 3001-MW18	Lab ID: C013019-18	Sampled: 11/02/10 15:55	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/01/11	11/09/10 08:29	11/11/2010 12:57
EPA 7470A	11/30/10	11/09/10 08:36	11/9/2010 16:32
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 20:57

Client ID: 3001-Duplicate	Lab ID: C013019-19	Sampled: 11/03/10 07:00	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 13:09
EPA 7470A	12/01/10	11/09/10 08:36	11/9/2010 16:35
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 04:26

Client ID: 3001-SW1	Lab ID: C013019-20	Sampled: 11/03/10 13:35	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 08:29	11/11/2010 13:12
EPA 7470A	12/01/10	11/09/10 08:36	11/9/2010 16:44
EPA 8260B	11/17/10	11/11/10 14:48	11/12/2010 04:54

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Client ID: 3001-SW2	Lab ID: C013019-21	Sampled: 11/03/10 10:45	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 11:05	11/12/2010 12:06
EPA 7470A	12/01/10	11/09/10 08:36	11/9/2010 16:47
EPA 8260B	11/17/10	11/12/10 12:05	11/12/2010 15:30

Client ID: 3001-SW3	Lab ID: C013019-22	Sampled: 11/03/10 08:35	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 11:05	11/12/2010 12:09
EPA 7470A	12/01/10	11/05/10 10:12	11/5/2010 16:22
EPA 8260B	11/17/10	11/12/10 12:05	11/12/2010 15:58

Client ID: 3001-SW4	Lab ID: C013019-23	Sampled: 11/03/10 14:00	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 11:05	11/12/2010 10:44
EPA 7470A	12/01/10	11/05/10 10:12	11/5/2010 16:24
EPA 8260B	11/17/10	11/12/10 12:05	11/12/2010 16:27

Client ID: 3001-MW21	Lab ID: C013019-24	Sampled: 11/03/10 15:55	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010C	05/02/11	11/09/10 11:05	11/12/2010 12:12
EPA 7470A	12/01/10	11/05/10 10:12	11/5/2010 16:38
EPA 8260B	11/17/10	11/12/10 12:05	11/12/2010 16:55

Client ID: 3001-TripBlank	Lab ID: C013019-25	Sampled: 11/02/10 09:50	Received: 11/04/10 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	11/16/10	11/11/10 11:03	11/11/2010 21:27

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: 3001-MW1 **Lab ID: C013019-01**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	4.1	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	3.4		1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	324		1	1.00	10.0	100	ug/L	EPA 6010C	
Benzene	1.7		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	0.51	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	4.0	J	1	0.30	1.0	10	ug/L	EPA 8260B	
Chloromethane	1.0		1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	1.85	J	1	1.00	10.0	10	ug/L	EPA 6010C	
cis-1,2-Dichloroethene	14		1	0.36	1.0	5	ug/L	EPA 8260B	
Tetrachloroethene	0.46	J	1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	7.0		1	0.38	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	2.5		1	0.30	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW2 **Lab ID: C013019-02**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	0.77	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Acetone	3.6	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium - Total	87.0	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Benzene	0.45	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	0.41	J	1	0.30	1.0	10	ug/L	EPA 8260B	
Chloromethane	1.3		1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	1.09	J	1	1.00	10.0	10	ug/L	EPA 6010C	

Client ID: 3001-MW3 MS/MSD **Lab ID: C013019-03**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	0.76	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Acetone	3.1	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium - Total	19.3	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chlorobenzene	0.81	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloromethane	0.44	J	1	0.34	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW4 **Lab ID: C013019-04**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	3.0	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	3.1		1	0.38	1.0	1	ug/L	EPA 8260B	
Acetone	2.6	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium - Total	86.0	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Benzene	1.9		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	1.0	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	2.6	J	1	0.30	1.0	10	ug/L	EPA 8260B	
Chloromethane	1.2		1	0.34	1.0	1	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	6.9		1	0.36	1.0	5	ug/L	EPA 8260B	
Vinyl chloride	0.80	J	1	0.30	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW5A **Lab ID: C013019-05**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	7.4		1	0.33	1.0	5	ug/L	EPA 8260B	
1,2-Dichloropropane	2.8		1	0.20	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW5A **Lab ID: C013019-05**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	1.6		1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	8.57	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Benzene	2.9		1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	1.3	J	1	0.30	1.0	10	ug/L	EPA 8260B	
Chloromethane	0.51	J	1	0.34	1.0	1	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	15		1	0.36	1.0	5	ug/L	EPA 8260B	
Tetrachloroethene	0.41	J	1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	17		1	0.38	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	1.0		1	0.30	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW6 **Lab ID: C013019-06**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Acetone	2.7	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium - Total	71.7	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	0.64	J	1	0.34	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW7 **Lab ID: C013019-07**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Acetone	2.5	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium - Total	43.4	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Cadmium - Total	0.370	J	1	0.360	1.00	1	ug/L	EPA 6010C	
Chloromethane	0.73	J	1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	3.20	J	1	1.00	10.0	10	ug/L	EPA 6010C	
Lead - Total	4.90	J	1	1.90	10.0	10	ug/L	EPA 6010C	

Client ID: 3001-MW8 **Lab ID: C013019-08**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	14.3	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	1.2		1	0.34	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW9 **Lab ID: C013019-09**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	5.16	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	1.5		1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	2.48	J	1	1.00	10.0	10	ug/L	EPA 6010C	

Client ID: 3001-MW10 **Lab ID: C013019-10**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.4	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,2-Dichloropropane	0.42	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Barium - Total	16.9	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	0.72	J	1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	1.29	J	1	1.00	10.0	10	ug/L	EPA 6010C	
cis-1,2-Dichloroethene	2.6	J	1	0.36	1.0	5	ug/L	EPA 8260B	
Tetrachloroethene	9.9		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	3.8		1	0.38	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW12 **Lab ID: C013019-11**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	18.1	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	1.0		1	0.34	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW12 **Lab ID: C013019-11**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Chromium - Total	3.62	J	1	1.00	10.0	10	ug/L	EPA 6010C	
Tetrachloroethene	1.1		1	0.36	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW13A **Lab ID: C013019-12**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	53.5	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	0.72	J	1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	21.5		1	1.00	10.0	10	ug/L	EPA 6010C	
Lead - Total	7.55	J	1	1.90	10.0	10	ug/L	EPA 6010C	

Client ID: 3001-MW14 **Lab ID: C013019-13**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	0.84	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	266		1	1.00	10.0	100	ug/L	EPA 6010C	
Chlorobenzene	2.0	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloromethane	1.2		1	0.34	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW15 **Lab ID: C013019-14**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	2.5	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	0.42	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	26.9	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Benzene	0.66	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	2.6	J	1	0.30	1.0	10	ug/L	EPA 8260B	
Chloromethane	0.56	J	1	0.34	1.0	1	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	3.0	J	1	0.36	1.0	5	ug/L	EPA 8260B	
m,p-Xylenes	0.59	J	1	0.48	2.0	NE	ug/L	EPA 8260B	
Tetrachloroethene	2.7		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	3.0		1	0.38	1.0	1	ug/L	EPA 8260B	
Trichlorofluoromethane	0.48	J	1	0.28	1.0	1	ug/L	EPA 8260B	
Xylenes (Total)	0.59	J	1	0.40	1.0	5	ug/L	EPA 8260B	

Client ID: 3001-MW16S **Lab ID: C013019-15**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	36.0	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	0.67	J	1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	1.87	J	1	1.00	10.0	10	ug/L	EPA 6010C	

Client ID: 3001-MW16D **Lab ID: C013019-16**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	5.1		1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	1.3		1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	77.0	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Benzene	1.6		1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	1.2	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	6.7		1	0.36	1.0	5	ug/L	EPA 8260B	
Methylene chloride	1.7		1	0.53	1.0	1	ug/L	EPA 8260B	
o-Xylene	0.59	J	1	0.27	1.0	NE	ug/L	EPA 8260B	
Tetrachloroethene	3.1		1	0.36	1.0	1	ug/L	EPA 8260B	
trans-1,2-Dichloroethene	0.51	J	1	0.34	1.0	5	ug/L	EPA 8260B	
Trichloroethene	1.9		1	0.38	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-MW16D **Lab ID: C013019-16**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Trichlorofluoromethane	0.58	J	1	0.28	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	0.74	J	1	0.30	1.0	1	ug/L	EPA 8260B	
Xylenes (Total)	0.59	J	1	0.40	1.0	5	ug/L	EPA 8260B	

Client ID: 3001-MW17 **Lab ID: C013019-17**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	90.2	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	1.1		1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	4.99	J	1	1.00	10.0	10	ug/L	EPA 6010C	
Lead - Total	8.04	J	1	1.90	10.0	10	ug/L	EPA 6010C	

Client ID: 3001-MW18 **Lab ID: C013019-18**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	7.92	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloromethane	0.81	J	1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	1.85	J	1	1.00	10.0	10	ug/L	EPA 6010C	

Client ID: 3001-Duplicate **Lab ID: C013019-19**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	0.76	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	263		1	1.00	10.0	100	ug/L	EPA 6010C	
Chlorobenzene	1.9	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloromethane	1.2		1	0.34	1.0	1	ug/L	EPA 8260B	

Client ID: 3001-SW1 **Lab ID: C013019-20**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	18.8	J	1	1.00	10.0	100	ug/L	EPA 6010C	

Client ID: 3001-SW2 **Lab ID: C013019-21**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Acetone	4.3	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium - Total	20.6	J	1	1.00	10.0	100	ug/L	EPA 6010C	

Client ID: 3001-SW3 **Lab ID: C013019-22**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Acetone	6.1	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium - Total	58.7	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chromium - Total	2.65	J	1	1.00	10.0	10	ug/L	EPA 6010C	
Lead - Total	2.92	J	1	1.90	10.0	10	ug/L	EPA 6010C	

Client ID: 3001-SW4 **Lab ID: C013019-23**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	19.4	J	1	1.00	10.0	100	ug/L	EPA 6010C	

Client ID: 3001-MW21 **Lab ID: C013019-24**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	10.5	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloroethane	0.66	J	1	0.30	1.0	10	ug/L	EPA 8260B	
Chloromethane	0.50	J	1	0.34	1.0	1	ug/L	EPA 8260B	
Chromium - Total	1.44	J	1	1.00	10.0	10	ug/L	EPA 6010C	

Client ID:	3001-TripBlank				Lab ID:	C013019-25			
Analyte	**Results**	**Flag**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**	**Notes**
Chloromethane	1.1		1	0.34	1.0	1	ug/L	EPA 8260B	

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ANALYTICAL RESULTS

Description: 3001-MW1 **Lab Sample ID:** C013019-01 **Received:** 11/04/10 11:30

Matrix: Ground Water **Sampled:** 11/02/10 09:50 **Work Order:** C013019

Project: Davie County Landfill **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 17:00	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 17:00	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
1,1-Dichloroethane [75-34-3] ^	**4.1**	J	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 17:00	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 17:00	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 17:00	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 17:00	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**3.4**		ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 17:00	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 17:00	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 17:00	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 17:00	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 17:00	JKG	
Benzene [71-43-2] ^	**1.7**		ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 17:00	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 17:00	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 17:00	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 17:00	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Chlorobenzene [108-90-7] ^	**0.51**	J	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 17:00	JKG	
Chloroethane [75-00-3] ^	**4.0**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 17:00	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 17:00	JKG	
Chloromethane [74-87-3] ^	**1.0**		ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**14**		ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 17:00	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 17:00	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 17:00	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 17:00	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 17:00	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 17:00	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Tetrachloroethene [127-18-4] ^	**0.46**	J	ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 17:00	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 17:00	JKG	

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Description: 3001-MW1 | **Lab Sample ID:** C013019-01 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 09:50 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Trichloroethene [79-01-6] ^	**7.0**		ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 17:00	JKG	
Vinyl chloride [75-01-4] ^	**2.5**		ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 17:00	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 17:00	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 17:00*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*87 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 17:00*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*93 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 17:00*	*JKG*	

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Description: 3001-MW1
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-01
Sampled: 11/02/10 09:50
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:07	NLH	

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Description: 3001-MW1 | **Lab Sample ID:** C013019-01 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 09:50 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:01	JDH	
Barium [7440-39-3] ^	**324**		ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:01	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:01	JDH	
Chromium [7440-47-3] ^	**1.85**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:01	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:01	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:01	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:01	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW2 | **Lab Sample ID:** C013019-02 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 16:50 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 00:39	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 00:39	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 00:39	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 00:39	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 00:39	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 00:39	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.77**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 00:39	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 00:39	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 00:39	JKG	
Acetone [67-64-1] ^	**3.6**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 00:39	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 00:39	JKG	
Benzene [71-43-2] ^	**0.45**	J	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 00:39	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 00:39	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 00:39	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 00:39	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 00:39	JKG	
Chloroethane [75-00-3] ^	**0.41**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 00:39	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 00:39	JKG	
Chloromethane [74-87-3] ^	**1.3**		ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 00:39	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 00:39	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 00:39	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 00:39	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 00:39	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 00:39	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 00:39	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 00:39	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 00:39	JKG	

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Description: 3001-MW2 | **Lab Sample ID:** C013019-02 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 16:50 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 00:39	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 00:39	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 00:39	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*54*	*1*	*50.0*	*107 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 00:39*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 00:39*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 00:39*	*JKG*	

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Description: 3001-MW2
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-02
Sampled: 11/03/10 16:50
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:10	NLH	

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Description: 3001-MW2 | **Lab Sample ID:** C013019-02 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 16:50 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:04	JDH	
Barium [7440-39-3] ^	**87.0**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:04	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:04	JDH	
Chromium [7440-47-3] ^	**1.09**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:04	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:04	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:04	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:04	JDH	

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Description: 3001-MW3 MS/MSD
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-03
Sampled: 11/03/10 09:25
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 00:11	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 00:11	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 00:11	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 00:11	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 00:11	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 00:11	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.76**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 00:11	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 00:11	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 00:11	JKG	
Acetone [67-64-1] ^	**3.1**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 00:11	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 00:11	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 00:11	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 00:11	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 00:11	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 00:11	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Chlorobenzene [108-90-7] ^	**0.81**	J	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 00:11	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 00:11	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 00:11	JKG	
Chloromethane [74-87-3] ^	**0.44**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 00:11	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 00:11	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 00:11	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 00:11	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 00:11	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 00:11	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 00:11	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 00:11	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 00:11	JKG	

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Description: 3001-MW3 MS/MSD
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-03
Sampled: 11/03/10 09:25
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 00:11	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 00:11	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 00:11	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*107 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 00:11*	*JKG*	
Dibromofluoromethane	*52*	*1*	*50.0*	*105 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 00:11*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 00:11*	*JKG*	

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Description: 3001-MW3 MS/MSD
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-03
Sampled: 11/03/10 09:25
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 13:52	NLH	

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Description: 3001-MW3 MS/MSD
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-03
Sampled: 11/03/10 09:25
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 11:38	JDH	
Barium [7440-39-3] ^	**19.3**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 11:38	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 11:38	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 11:38	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 11:38	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 11:38	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 11:38	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW4 | **Lab Sample ID:** C013019-04 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 15:05 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 01:08	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 01:08	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
1,1-Dichloroethane [75-34-3] ^	**3.0**	J	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 01:08	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 01:08	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 01:08	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 01:08	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**3.1**		ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 01:08	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 01:08	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 01:08	JKG	
Acetone [67-64-1] ^	**2.6**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 01:08	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 01:08	JKG	
Benzene [71-43-2] ^	**1.9**		ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 01:08	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 01:08	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 01:08	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 01:08	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Chlorobenzene [108-90-7] ^	**1.0**	J	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 01:08	JKG	
Chloroethane [75-00-3] ^	**2.6**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 01:08	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 01:08	JKG	
Chloromethane [74-87-3] ^	**1.2**		ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**6.9**		ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 01:08	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 01:08	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 01:08	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 01:08	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 01:08	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 01:08	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 01:08	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 01:08	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 01:08	JKG	

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Description: 3001-MW4 | **Lab Sample ID:** C013019-04 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 15:05 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 01:08	JKG	
Vinyl chloride [75-01-4] ^	**0.80**	J	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 01:08	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 01:08	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 01:08*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 01:08*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 01:08*	*JKG*	

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Description: 3001-MW4
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-04
Sampled: 11/03/10 15:05
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:13	NLH	

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Description: 3001-MW4 | **Lab Sample ID:** C013019-04 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 15:05 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:07	JDH	
Barium [7440-39-3] ^	**86.0**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:07	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:07	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:07	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:07	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:07	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:07	JDH	

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Description: 3001-MW5A
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-05
Sampled: 11/03/10 17:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 01:36	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 01:36	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
1,1-Dichloroethane [75-34-3] ^	**7.4**		ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 01:36	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 01:36	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 01:36	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 01:36	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
1,2-Dichloropropane [78-87-5] ^	**2.8**		ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**1.6**		ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 01:36	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 01:36	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 01:36	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 01:36	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 01:36	JKG	
Benzene [71-43-2] ^	**2.9**		ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 01:36	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 01:36	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 01:36	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 01:36	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 01:36	JKG	
Chloroethane [75-00-3] ^	**1.3**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 01:36	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 01:36	JKG	
Chloromethane [74-87-3] ^	**0.51**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**15**		ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 01:36	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 01:36	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 01:36	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 01:36	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 01:36	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 01:36	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Tetrachloroethene [127-18-4] ^	**0.41**	J	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 01:36	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 01:36	JKG	
Trichloroethene [79-01-6] ^	**17**		ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 01:36	JKG	

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Description: 3001-MW5A
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-05
Sampled: 11/03/10 17:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 01:36	JKG	
Vinyl chloride [75-01-4] ^	**1.0**		ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 01:36	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 01:36	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 01:36*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 01:36*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*99 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 01:36*	*JKG*	

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Description: 3001-MW5A
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-05
Sampled: 11/03/10 17:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:21	NLH	

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Description: 3001-MW5A
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-05
Sampled: 11/03/10 17:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:10	JDH	
Barium [7440-39-3] ^	**8.57**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:10	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:10	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:10	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:10	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:10	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:10	JDH	

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Description: 3001-MW6 | **Lab Sample ID:** C013019-06 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 12:30 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 02:04	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 02:04	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 02:04	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 02:04	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 02:04	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 02:04	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 02:04	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 02:04	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 02:04	JKG	
Acetone [67-64-1] ^	**2.7**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 02:04	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 02:04	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 02:04	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 02:04	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 02:04	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 02:04	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 02:04	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 02:04	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 02:04	JKG	
Chloromethane [74-87-3] ^	**0.64**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 02:04	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 02:04	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 02:04	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 02:04	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 02:04	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 02:04	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 02:04	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 02:04	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 02:04	JKG	

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Description: 3001-MW6 | **Lab Sample ID:** C013019-06 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 12:30 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 02:04	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 02:04	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 02:04	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*105 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 02:04*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*109 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 02:04*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 02:04*	*JKG*	

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Description: 3001-MW6
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-06
Sampled: 11/03/10 12:30
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:25	NLH	

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Description: 3001-MW6 | **Lab Sample ID:** C013019-06 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 12:30 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:13	JDH	
Barium [7440-39-3] ^	**71.7**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:13	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:13	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:13	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:13	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:13	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:13	JDH	

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Description: 3001-MW7 | **Lab Sample ID:** C013019-07 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 13:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 02:33	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 02:33	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 02:33	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 02:33	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 02:33	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 02:33	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 02:33	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 02:33	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 02:33	JKG	
Acetone [67-64-1] ^	**2.5**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 02:33	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 02:33	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 02:33	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 02:33	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 02:33	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 02:33	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 02:33	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 02:33	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 02:33	JKG	
Chloromethane [74-87-3] ^	**0.73**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 02:33	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 02:33	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 02:33	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 02:33	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 02:33	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 02:33	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 02:33	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 02:33	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 02:33	JKG	

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Description: 3001-MW7 | **Lab Sample ID:** C013019-07 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 13:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 02:33	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 02:33	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 02:33	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 02:33*	*JKG*	
Dibromofluoromethane	*55*	*1*	*50.0*	*111 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 02:33*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 02:33*	*JKG*	

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Description: 3001-MW7
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-07
Sampled: 11/03/10 13:15
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:28	NLH	

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Description: 3001-MW7 | **Lab Sample ID:** C013019-07 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 13:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:16	JDH	
Barium [7440-39-3] ^	**43.4**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:16	JDH	
Cadmium [7440-43-9] ^	**0.370**	J	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:16	JDH	
Chromium [7440-47-3] ^	**3.20**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:16	JDH	
Lead [7439-92-1] ^	**4.90**	J	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:16	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:16	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:16	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW8 | **Lab Sample ID:** C013019-08 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 10:20 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 03:01	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 03:01	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 03:01	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 03:01	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 03:01	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 03:01	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 03:01	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 03:01	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 03:01	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 03:01	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 03:01	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 03:01	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 03:01	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 03:01	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 03:01	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 03:01	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 03:01	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 03:01	JKG	
Chloromethane [74-87-3] ^	**1.2**		ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 03:01	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 03:01	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 03:01	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 03:01	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 03:01	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 03:01	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 03:01	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 03:01	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 03:01	JKG	

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Description: 3001-MW8 | **Lab Sample ID:** C013019-08 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 10:20 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 03:01	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 03:01	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 03:01	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 03:01*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 03:01*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 03:01*	*JKG*	

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Description: 3001-MW8
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-08
Sampled: 11/03/10 10:20
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:31	NLH	

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Description: 3001-MW8 | **Lab Sample ID:** C013019-08 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 10:20 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:18	JDH	
Barium [7440-39-3] ^	**14.3**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:18	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:18	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:18	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:18	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:18	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:18	JDH	

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Description: 3001-MW9 | **Lab Sample ID:** C013019-09 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 11:40 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 03:29	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 03:29	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 03:29	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 03:29	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 03:29	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 03:29	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 03:29	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 03:29	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 03:29	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 03:29	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 03:29	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 03:29	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 03:29	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 03:29	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 03:29	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 03:29	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 03:29	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 03:29	JKG	
Chloromethane [74-87-3] ^	**1.5**		ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 03:29	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 03:29	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 03:29	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 03:29	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 03:29	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 03:29	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 03:29	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 03:29	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 03:29	JKG	

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Description: 3001-MW9 | **Lab Sample ID:** C013019-09 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 11:40 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 03:29	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 03:29	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 03:29	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 03:29*	*JKG*	
Dibromofluoromethane	*57*	*1*	*50.0*	*113 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 03:29*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 03:29*	*JKG*	

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Description: 3001-MW9
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-09
Sampled: 11/03/10 11:40
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:34	NLH	

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Description: 3001-MW9 | **Lab Sample ID:** C013019-09 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 11:40 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:30	JDH	
Barium [7440-39-3] ^	**5.16**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:30	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:30	JDH	
Chromium [7440-47-3] ^	**2.48**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:30	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:30	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:30	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:30	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW10 | **Lab Sample ID:** C013019-10 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 17:00 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 17:30	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 17:30	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
1,1-Dichloroethane [75-34-3] ^	**1.4**	J	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 17:30	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 17:30	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 17:30	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 17:30	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
1,2-Dichloropropane [78-87-5] ^	**0.42**	J	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 17:30	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 17:30	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 17:30	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 17:30	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 17:30	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 17:30	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 17:30	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 17:30	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 17:30	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 17:30	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 17:30	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 17:30	JKG	
Chloromethane [74-87-3] ^	**0.72**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**2.6**	J	ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 17:30	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 17:30	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 17:30	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 17:30	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 17:30	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 17:30	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Tetrachloroethene [127-18-4] ^	**9.9**		ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 17:30	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 17:30	JKG	
Trichloroethene [79-01-6] ^	**3.8**		ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 17:30	JKG	

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Description: 3001-MW10 | **Lab Sample ID:** C013019-10 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 17:00 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 17:30	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 17:30	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 17:30	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 17:30*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 17:30*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 17:30*	*JKG*	

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Description: 3001-MW10
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-10
Sampled: 11/02/10 17:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:36	NLH	

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Description: 3001-MW10 | **Lab Sample ID:** C013019-10 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 17:00 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:34	JDH	
Barium [7440-39-3] ^	**16.9**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:34	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:34	JDH	
Chromium [7440-47-3] ^	**1.29**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:34	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:34	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:34	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:34	JDH	

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Description: 3001-MW12 | **Lab Sample ID:** C013019-11 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 16:05 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 17:59	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 17:59	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 17:59	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 17:59	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 17:59	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 17:59	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 17:59	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 17:59	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 17:59	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 17:59	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 17:59	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 17:59	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 17:59	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 17:59	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 17:59	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 17:59	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 17:59	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 17:59	JKG	
Chloromethane [74-87-3] ^	**1.0**		ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 17:59	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 17:59	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 17:59	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 17:59	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 17:59	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 17:59	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Tetrachloroethene [127-18-4] ^	**1.1**		ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 17:59	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 17:59	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 17:59	JKG	

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Description: 3001-MW12 | **Lab Sample ID:** C013019-11 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 16:05 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 17:59	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 17:59	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 17:59	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 17:59*	*JKG*	
Dibromofluoromethane	*43*	*1*	*50.0*	*86 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 17:59*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 17:59*	*JKG*	

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Description: 3001-MW12
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-11
Sampled: 11/02/10 16:05
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:39	NLH	

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Description: 3001-MW12 | **Lab Sample ID:** C013019-11 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 16:05 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:37	JDH	
Barium [7440-39-3] ^	**18.1**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:37	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:37	JDH	
Chromium [7440-47-3] ^	**3.62**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:37	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:37	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:37	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:37	JDH	

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Description: 3001-MW13A
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-12
Sampled: 11/02/10 14:20
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 18:29	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 18:29	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 18:29	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 18:29	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 18:29	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 18:29	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 18:29	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 18:29	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 18:29	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 18:29	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 18:29	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 18:29	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 18:29	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 18:29	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 18:29	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 18:29	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 18:29	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 18:29	JKG	
Chloromethane [74-87-3] ^	**0.72**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 18:29	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 18:29	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 18:29	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 18:29	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 18:29	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 18:29	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 18:29	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 18:29	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 18:29	JKG	

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Description: 3001-MW13A
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-12
Sampled: 11/02/10 14:20
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 18:29	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 18:29	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 18:29	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 18:29*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*89 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 18:29*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*93 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 18:29*	*JKG*	

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Description: 3001-MW13A
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-12
Sampled: 11/02/10 14:20
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:42	NLH	

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Description: 3001-MW13A
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-12
Sampled: 11/02/10 14:20
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:40	JDH	
Barium [7440-39-3] ^	**53.5**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:40	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:40	JDH	
Chromium [7440-47-3] ^	**21.5**		ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:40	JDH	
Lead [7439-92-1] ^	**7.55**	J	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:40	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:40	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:40	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW14 | **Lab Sample ID:** C013019-13 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 08:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 03:57	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 03:57	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 03:57	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 03:57	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 03:57	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 03:57	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.84**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 03:57	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 03:57	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 03:57	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 03:57	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 03:57	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 03:57	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 03:57	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 03:57	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 03:57	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Chlorobenzene [108-90-7] ^	**2.0**	J	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 03:57	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 03:57	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 03:57	JKG	
Chloromethane [74-87-3] ^	**1.2**		ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 03:57	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 03:57	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 03:57	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 03:57	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 03:57	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 03:57	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 03:57	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 03:57	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 03:57	JKG	

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Description: 3001-MW14 | **Lab Sample ID:** C013019-13 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 08:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 03:57	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 03:57	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 03:57	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*105 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 03:57*	*JKG*	
Dibromofluoromethane	*56*	*1*	*50.0*	*112 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 03:57*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 03:57*	*JKG*	

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Description: 3001-MW14
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-13
Sampled: 11/03/10 08:15
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:45	NLH	

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Description: 3001-MW14 | **Lab Sample ID:** C013019-13 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 08:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:42	JDH	
Barium [7440-39-3] ^	**266**		ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:42	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:42	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:42	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:42	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:42	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:42	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW15 | **Lab Sample ID:** C013019-14 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 15:10 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 18:59	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 18:59	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
1,1-Dichloroethane [75-34-3] ^	**2.5**	J	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 18:59	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 18:59	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 18:59	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 18:59	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.42**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 18:59	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 18:59	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 18:59	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 18:59	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 18:59	JKG	
Benzene [71-43-2] ^	**0.66**	J	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 18:59	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 18:59	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 18:59	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 18:59	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 18:59	JKG	
Chloroethane [75-00-3] ^	**2.6**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 18:59	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 18:59	JKG	
Chloromethane [74-87-3] ^	**0.56**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**3.0**	J	ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 18:59	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 18:59	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 18:59	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 18:59	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.59**	J	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 18:59	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 18:59	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Tetrachloroethene [127-18-4] ^	**2.7**		ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 18:59	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 18:59	JKG	
Trichloroethene [79-01-6] ^	**3.0**		ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Trichlorofluoromethane [75-69-4] ^	**0.48**	J	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 18:59	JKG	

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Description: 3001-MW15 | **Lab Sample ID:** C013019-14 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 15:10 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 18:59	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 18:59	JKG	
Xylenes (Total) [1330-20-7] ^	**0.59**	J	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 18:59	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 18:59*	*JKG*	
Dibromofluoromethane	*43*	*1*	*50.0*	*86 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 18:59*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 18:59*	*JKG*	

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Description: 3001-MW15
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-14
Sampled: 11/02/10 15:10
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:48	NLH	

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Description: 3001-MW15 | **Lab Sample ID:** C013019-14 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 15:10 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:45	JDH	
Barium [7440-39-3] ^	**26.9**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:45	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:45	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:45	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:45	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:45	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:45	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW16S
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-15
Sampled: 11/02/10 11:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 19:29	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 19:29	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 19:29	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 19:29	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 19:29	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 19:29	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 19:29	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 19:29	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 19:29	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 19:29	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 19:29	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 19:29	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 19:29	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 19:29	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 19:29	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 19:29	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 19:29	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 19:29	JKG	
Chloromethane [74-87-3] ^	**0.67**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 19:29	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 19:29	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 19:29	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 19:29	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 19:29	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 19:29	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 19:29	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 19:29	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 19:29	JKG	

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Description: 3001-MW16S
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-15
Sampled: 11/02/10 11:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 19:29	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 19:29	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 19:29	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 19:29*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*87 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 19:29*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 19:29*	*JKG*	

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Description: 3001-MW16S
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-15
Sampled: 11/02/10 11:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 14:57	NLH	

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Description: 3001-MW16S
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-15
Sampled: 11/02/10 11:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:48	JDH	
Barium [7440-39-3] ^	**36.0**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:48	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:48	JDH	
Chromium [7440-47-3] ^	**1.87**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:48	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:48	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:48	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:48	JDH	

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Description: 3001-MW16D
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-16
Sampled: 11/02/10 11:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 19:58	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 19:58	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
1,1-Dichloroethane [75-34-3] ^	**5.1**		ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 19:58	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 19:58	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 19:58	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 19:58	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**1.3**		ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 19:58	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 19:58	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 19:58	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 19:58	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 19:58	JKG	
Benzene [71-43-2] ^	**1.6**		ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 19:58	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 19:58	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 19:58	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 19:58	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 19:58	JKG	
Chloroethane [75-00-3] ^	**1.2**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 19:58	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 19:58	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**6.7**		ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 19:58	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 19:58	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 19:58	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 19:58	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 19:58	JKG	
Methylene chloride [75-09-2] ^	**1.7**		ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
o-Xylene [95-47-6] ^	**0.59**	J	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 19:58	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Tetrachloroethene [127-18-4] ^	**3.1**		ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	**0.51**	J	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 19:58	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 19:58	JKG	
Trichloroethene [79-01-6] ^	**1.9**		ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Trichlorofluoromethane [75-69-4] ^	**0.58**	J	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 19:58	JKG	

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Description: 3001-MW16D
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-16
Sampled: 11/02/10 11:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl chloride [75-01-4] ^	**0.74**	J	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 19:58	JKG	
Xylenes (Total) [1330-20-7] ^	**0.59**	J	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 19:58	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*103 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 19:58*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 19:58*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 19:58*	*JKG*	

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Description: 3001-MW16D
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-16
Sampled: 11/02/10 11:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 15:00	NLH	

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Description: 3001-MW16D
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-16
Sampled: 11/02/10 11:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:52	JDH	
Barium [7440-39-3] ^	**77.0**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:52	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:52	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:52	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:52	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:52	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:52	JDH	

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Description: 3001-MW17 | **Lab Sample ID:** C013019-17 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 12:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 20:28	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 20:28	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 20:28	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 20:28	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 20:28	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 20:28	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 20:28	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 20:28	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 20:28	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 20:28	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 20:28	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 20:28	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 20:28	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 20:28	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 20:28	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 20:28	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 20:28	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 20:28	JKG	
Chloromethane [74-87-3] ^	**1.1**		ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 20:28	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 20:28	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 20:28	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 20:28	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 20:28	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 20:28	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 20:28	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 20:28	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 20:28	JKG	

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Description: 3001-MW17 | **Lab Sample ID:** C013019-17 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 12:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 20:28	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 20:28	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 20:28	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 20:28*	*JKG*	
Dibromofluoromethane	*43*	*1*	*50.0*	*87 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 20:28*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 20:28*	*JKG*	

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Description: 3001-MW17
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-17
Sampled: 11/02/10 12:15
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 16:29	NLH	

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Description: 3001-MW17 | **Lab Sample ID:** C013019-17 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 12:15 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:55	JDH	
Barium [7440-39-3] ^	**90.2**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:55	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:55	JDH	
Chromium [7440-47-3] ^	**4.99**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:55	JDH	
Lead [7439-92-1] ^	**8.04**	J	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:55	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:55	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:55	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW18 | **Lab Sample ID:** C013019-18 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 15:55 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 20:57	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 20:57	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 20:57	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 20:57	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 20:57	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 20:57	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 20:57	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 20:57	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 20:57	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 20:57	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 20:57	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 20:57	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 20:57	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 20:57	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 20:57	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 20:57	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 20:57	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 20:57	JKG	
Chloromethane [74-87-3] ^	**0.81**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 20:57	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 20:57	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 20:57	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 20:57	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 20:57	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 20:57	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 20:57	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 20:57	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 20:57	JKG	

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Description: 3001-MW18 | **Lab Sample ID:** C013019-18 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 15:55 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 20:57	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 20:57	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 20:57	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*105 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 20:57*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 20:57*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 20:57*	*JKG*	

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Description: 3001-MW18
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-18
Sampled: 11/02/10 15:55
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 16:32	NLH	

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Description: 3001-MW18 | **Lab Sample ID:** C013019-18 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/02/10 15:55 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 12:57	JDH	
Barium [7440-39-3] ^	**7.92**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 12:57	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 12:57	JDH	
Chromium [7440-47-3] ^	**1.85**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 12:57	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:57	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 12:57	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 12:57	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-Duplicate
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-19
Sampled: 11/03/10 07:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 04:26	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 04:26	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 04:26	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 04:26	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 04:26	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 04:26	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.76**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 04:26	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 04:26	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 04:26	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 04:26	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 04:26	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 04:26	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 04:26	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 04:26	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 04:26	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Chlorobenzene [108-90-7] ^	**1.9**	J	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 04:26	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 04:26	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 04:26	JKG	
Chloromethane [74-87-3] ^	**1.2**		ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 04:26	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 04:26	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 04:26	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 04:26	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 04:26	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 04:26	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 04:26	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 04:26	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 04:26	JKG	

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Description: 3001-Duplicate
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-19
Sampled: 11/03/10 07:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 04:26	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 04:26	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 04:26	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*105 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 04:26*	*JKG*	
Dibromofluoromethane	*55*	*1*	*50.0*	*109 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 04:26*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 04:26*	*JKG*	

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Description: 3001-Duplicate
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-19
Sampled: 11/03/10 07:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 16:35	NLH	

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Description: 3001-Duplicate
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-19
Sampled: 11/03/10 07:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 13:09	JDH	
Barium [7440-39-3] ^	**263**		ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 13:09	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 13:09	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 13:09	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 13:09	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 13:09	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 13:09	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-SW1 | **Lab Sample ID:** C013019-20 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 13:35 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 04:54	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 04:54	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 04:54	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 04:54	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 04:54	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 04:54	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 04:54	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 04:54	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 04:54	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 04:54	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 04:54	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 04:54	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 04:54	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 04:54	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 04:54	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 04:54	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 04:54	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 04:54	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 04:54	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 04:54	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 04:54	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 04:54	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 04:54	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 04:54	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 04:54	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 04:54	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 04:54	JKG	

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Description: 3001-SW1 | **Lab Sample ID:** C013019-20 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 13:35 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 04:54	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 04:54	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 04:54	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K11036*	*EPA 8260B*	*11/12/10 04:54*	*JKG*	
Dibromofluoromethane	*58*	*1*	*50.0*	*117 %*	*68-117*	*0K11036*	*EPA 8260B*	*11/12/10 04:54*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*69-110*	*0K11036*	*EPA 8260B*	*11/12/10 04:54*	*JKG*	

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Description: 3001-SW1
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-20
Sampled: 11/03/10 13:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 16:44	NLH	

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Description: 3001-SW1 | **Lab Sample ID:** C013019-20 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 13:35 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/11/10 13:12	JDH	
Barium [7440-39-3] ^	**18.8**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/11/10 13:12	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/11/10 13:12	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/11/10 13:12	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 13:12	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/11/10 13:12	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/11/10 13:12	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-SW2 | **Lab Sample ID:** C013019-21 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 10:45 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 15:30	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 15:30	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 15:30	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 15:30	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 15:30	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 15:30	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 15:30	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 15:30	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 15:30	JKG	
Acetone [67-64-1] ^	**4.3**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 15:30	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 15:30	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 15:30	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 15:30	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 15:30	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 15:30	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 15:30	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 15:30	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 15:30	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 15:30	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 15:30	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 15:30	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 15:30	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 15:30	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 15:30	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 15:30	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 15:30	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 15:30	JKG	

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Description: 3001-SW2 | **Lab Sample ID:** C013019-21 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 10:45 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 15:30	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 15:30	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 15:30	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*54*	*1*	*50.0*	*108 %*	*51-122*	*0K12023*	*EPA 8260B*	*11/12/10 15:30*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*68-117*	*0K12023*	*EPA 8260B*	*11/12/10 15:30*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*69-110*	*0K12023*	*EPA 8260B*	*11/12/10 15:30*	*JKG*	

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Description: 3001-SW2
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-21
Sampled: 11/03/10 10:45
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/09/10 16:47	NLH	

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Description: 3001-SW2 | **Lab Sample ID:** C013019-21 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 10:45 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/12/10 12:06	JDH	
Barium [7440-39-3] ^	**20.6**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/12/10 12:06	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/12/10 12:06	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/12/10 12:06	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/12/10 12:06	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/12/10 12:06	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/12/10 12:06	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-SW3 | **Lab Sample ID:** C013019-22 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 08:35 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 15:58	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 15:58	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 15:58	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 15:58	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 15:58	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 15:58	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 15:58	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 15:58	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 15:58	JKG	
Acetone [67-64-1] ^	**6.1**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 15:58	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 15:58	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 15:58	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 15:58	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 15:58	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 15:58	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 15:58	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 15:58	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 15:58	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 15:58	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 15:58	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 15:58	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 15:58	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 15:58	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 15:58	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 15:58	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 15:58	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 15:58	JKG	

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Description: 3001-SW3
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-22
Sampled: 11/03/10 08:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 15:58	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 15:58	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 15:58	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*105 %*	*51-122*	*0K12023*	*EPA 8260B*	*11/12/10 15:58*	*JKG*	
Dibromofluoromethane	*52*	*1*	*50.0*	*104 %*	*68-117*	*0K12023*	*EPA 8260B*	*11/12/10 15:58*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*69-110*	*0K12023*	*EPA 8260B*	*11/12/10 15:58*	*JKG*	

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Description: 3001-SW3
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-22
Sampled: 11/03/10 08:35
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/05/10 16:22	NLH	

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Description: 3001-SW3 | **Lab Sample ID:** C013019-22 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 08:35 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/12/10 12:09	JDH	
Barium [7440-39-3] ^	**58.7**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/12/10 12:09	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/12/10 12:09	JDH	
Chromium [7440-47-3] ^	**2.65**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/12/10 12:09	JDH	
Lead [7439-92-1] ^	**2.92**	J	ug/L	1	1.90	10.0	10	EPA 6010C	11/12/10 12:09	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/12/10 12:09	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/12/10 12:09	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-SW4 | **Lab Sample ID:** C013019-23 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 14:00 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 16:27	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 16:27	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 16:27	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 16:27	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 16:27	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 16:27	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 16:27	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 16:27	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 16:27	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 16:27	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 16:27	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 16:27	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 16:27	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 16:27	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 16:27	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 16:27	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 16:27	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 16:27	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 16:27	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 16:27	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 16:27	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 16:27	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 16:27	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 16:27	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 16:27	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 16:27	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 16:27	JKG	

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Description: 3001-SW4 | **Lab Sample ID:** C013019-23 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 14:00 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 16:27	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 16:27	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 16:27	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*0K12023*	*EPA 8260B*	*11/12/10 16:27*	*JKG*	
Dibromofluoromethane	*52*	*1*	*50.0*	*104 %*	*68-117*	*0K12023*	*EPA 8260B*	*11/12/10 16:27*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*99 %*	*69-110*	*0K12023*	*EPA 8260B*	*11/12/10 16:27*	*JKG*	

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Description: 3001-SW4
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-23
Sampled: 11/03/10 14:00
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/05/10 16:24	NLH	

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Description: 3001-SW4 | **Lab Sample ID:** C013019-23 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 14:00 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/12/10 10:44	JDH	
Barium [7440-39-3] ^	**19.4**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/12/10 10:44	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/12/10 10:44	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	11/12/10 10:44	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/12/10 10:44	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/12/10 10:44	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/12/10 10:44	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-MW21 | **Lab Sample ID:** C013019-24 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 15:55 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 16:55	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/12/10 16:55	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/12/10 16:55	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/12/10 16:55	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/12/10 16:55	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/12/10 16:55	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/12/10 16:55	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/12/10 16:55	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/12/10 16:55	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/12/10 16:55	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/12/10 16:55	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/12/10 16:55	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/12/10 16:55	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/12/10 16:55	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/12/10 16:55	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/12/10 16:55	JKG	
Chloroethane [75-00-3] ^	**0.66**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/12/10 16:55	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/12/10 16:55	JKG	
Chloromethane [74-87-3] ^	**0.50**	J	ug/L	1	0.34	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/12/10 16:55	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/12/10 16:55	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/12/10 16:55	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/12/10 16:55	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/12/10 16:55	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/12/10 16:55	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/12/10 16:55	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/12/10 16:55	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/12/10 16:55	JKG	

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Description: 3001-MW21 | **Lab Sample ID:** C013019-24 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 15:55 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/12/10 16:55	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/12/10 16:55	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/12/10 16:55	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*105 %*	*51-122*	*0K12023*	*EPA 8260B*	*11/12/10 16:55*	*JKG*	
Dibromofluoromethane	*52*	*1*	*50.0*	*104 %*	*68-117*	*0K12023*	*EPA 8260B*	*11/12/10 16:55*	*JKG*	
Toluene-d8	*50*	*1*	*50.0*	*100 %*	*69-110*	*0K12023*	*EPA 8260B*	*11/12/10 16:55*	*JKG*	

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Description: 3001-MW21
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C013019-24
Sampled: 11/03/10 15:55
Sampled By: Gary Simcox

Received: 11/04/10 11:30
Work Order: C013019

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	11/05/10 16:38	NLH	

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Description: 3001-MW21 | **Lab Sample ID:** C013019-24 | **Received:** 11/04/10 11:30

Matrix: Ground Water | **Sampled:** 11/03/10 15:55 | **Work Order:** C013019

Project: Davie County Landfill | **Sampled By:** Gary Simcox

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	11/12/10 12:12	JDH	
Barium [7440-39-3] ^	**10.5**	J	ug/L	1	1.00	10.0	100	EPA 6010C	11/12/10 12:12	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	11/12/10 12:12	JDH	
Chromium [7440-47-3] ^	**1.44**	J	ug/L	1	1.00	10.0	10	EPA 6010C	11/12/10 12:12	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/12/10 12:12	JDH	
Selenium [7782-49-2] ^	2.70	U	ug/L	1	2.70	10.0	10	EPA 6010C	11/12/10 12:12	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	11/12/10 12:12	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: 3001-TripBlank
Matrix: Water
Project: Davie County Landfill

Lab Sample ID: C013019-25
Sampled: 11/02/10 09:50
Sampled By: ENCO

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 21:27	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/11/10 21:27	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/11/10 21:27	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/11/10 21:27	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/11/10 21:27	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/11/10 21:27	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/11/10 21:27	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/11/10 21:27	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/11/10 21:27	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/11/10 21:27	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	11/11/10 21:27	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/11/10 21:27	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/11/10 21:27	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/11/10 21:27	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/11/10 21:27	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/11/10 21:27	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/11/10 21:27	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/11/10 21:27	JKG	
Chloromethane [74-87-3] ^	**1.1**		ug/L	1	0.34	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/11/10 21:27	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/11/10 21:27	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/11/10 21:27	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	11/11/10 21:27	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/11/10 21:27	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/11/10 21:27	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/11/10 21:27	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/11/10 21:27	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/11/10 21:27	JKG	

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Description: 3001-TripBlank
Matrix: Water
Project: Davie County Landfill

Lab Sample ID: C013019-25
Sampled: 11/02/10 09:50
Sampled By: ENCO

Received: 11/04/10 11:30
Work Order: C013019

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	11/11/10 21:27	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/11/10 21:27	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/11/10 21:27	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*107 %*	*51-122*	*0K11023*	*EPA 8260B*	*11/11/10 21:27*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*87 %*	*68-117*	*0K11023*	*EPA 8260B*	*11/11/10 21:27*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*69-110*	*0K11023*	*EPA 8260B*	*11/11/10 21:27*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0K11023 - EPA 5030B_MS

Blank (0K11023-BLK1) Prepared: 11/11/2010 11:03 Analyzed: 11/11/2010 13:03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.40	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,1,2-Trichloroethane	0.37	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
1,1-Dichloroethene	0.24	U	1.0	ug/L							
1,2,3-Trichloropropane	0.55	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.42	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dichloroethane	0.65	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
1,4-Dichlorobenzene	0.38	U	1.0	ug/L							
2-Butanone	1.0	U	5.0	ug/L							
2-Hexanone	0.69	U	5.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.5	U	5.0	ug/L							
Acrylonitrile	2.1	U	10	ug/L							
Benzene	0.20	U	1.0	ug/L							
Bromochloromethane	0.42	U	1.0	ug/L							
Bromodichloromethane	0.37	U	1.0	ug/L							
Bromoform	0.71	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Carbon disulfide	0.54	U	5.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
Chloromethane	0.34	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.36	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.28	U	1.0	ug/L							
Dibromochloromethane	0.32	U	1.0	ug/L							
Dibromomethane	0.37	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Iodomethane	0.52	U	5.0	ug/L							
m,p-Xylenes	0.48	U	2.0	ug/L							
Methylene chloride	0.53	U	1.0	ug/L							
o-Xylene	0.27	U	1.0	ug/L							
Styrene	0.26	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
Toluene	0.27	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.34	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.38	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.54	U	1.0	ug/L							
Trichloroethene	0.38	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
Vinyl acetate	0.98	U	5.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0K11023 - EPA 5030B_MS

Blank (0K11023-BLK1) Continued Prepared: 11/11/2010 11:03 Analyzed: 11/11/2010 13:03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*51-122*			
Surrogate: Dibromofluoromethane	*43*			*ug/L*	*50.0*		*86*	*68-117*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*93*	*69-110*			

LCS (0K11023-BS1) Prepared: 11/11/2010 11:03 Analyzed: 11/11/2010 13:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		106	75-133			
Benzene	20		1.0	ug/L	20.0		100	81-134			
Chlorobenzene	19		1.0	ug/L	20.0		96	83-117			
Toluene	19		1.0	ug/L	20.0		93	71-118			
Trichloroethene	20		1.0	ug/L	20.0		101	75-115			
Surrogate: 4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*98*	*51-122*			
Surrogate: Dibromofluoromethane	*43*			*ug/L*	*50.0*		*86*	*68-117*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*69-110*			

Matrix Spike (0K11023-MS1) Prepared: 11/11/2010 11:03 Analyzed: 11/11/2010 14:02

Source: C013151-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.24 U	114	75-133			
Benzene	21		1.0	ug/L	20.0	0.20 U	104	81-134			
Chlorobenzene	21		1.0	ug/L	20.0	0.27 U	105	83-117			
Toluene	21		1.0	ug/L	20.0	0.27 U	104	71-118			
Trichloroethene	22		1.0	ug/L	20.0	0.38 U	110	75-115			
Surrogate: 4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*51-122*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*68-117*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*93*	*69-110*			

Matrix Spike Dup (0K11023-MSD1) Prepared: 11/11/2010 11:03 Analyzed: 11/11/2010 14:32

Source: C013151-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.24 U	112	75-133	2	20	
Benzene	21		1.0	ug/L	20.0	0.20 U	106	81-134	2	17	
Chlorobenzene	22		1.0	ug/L	20.0	0.27 U	108	83-117	2	16	
Toluene	22		1.0	ug/L	20.0	0.27 U	109	71-118	4	17	
Trichloroethene	22		1.0	ug/L	20.0	0.38 U	108	75-115	2	18	
Surrogate: 4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*108*	*51-122*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*89*	*68-117*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*95*	*69-110*			

Batch 0K11036 - EPA 5030B_MS

Blank (0K11036-BLK1) Prepared: 11/11/2010 14:48 Analyzed: 11/11/2010 22:17

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0K11036 - EPA 5030B_MS

Blank (0K11036-BLK1) Continued Prepared: 11/11/2010 14:48 Analyzed: 11/11/2010 22:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.40	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,1,2-Trichloroethane	0.37	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
1,1-Dichloroethene	0.24	U	1.0	ug/L							
1,2,3-Trichloropropane	0.55	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.42	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dichloroethane	0.65	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
1,4-Dichlorobenzene	0.38	U	1.0	ug/L							
2-Butanone	1.0	U	5.0	ug/L							
2-Hexanone	0.69	U	5.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.5	U	5.0	ug/L							
Acrylonitrile	2.1	U	10	ug/L							
Benzene	0.20	U	1.0	ug/L							
Bromochloromethane	0.42	U	1.0	ug/L							
Bromodichloromethane	0.37	U	1.0	ug/L							
Bromoform	0.71	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Carbon disulfide	0.54	U	5.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
Chloromethane	0.34	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.36	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.28	U	1.0	ug/L							
Dibromochloromethane	0.32	U	1.0	ug/L							
Dibromomethane	0.37	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Iodomethane	0.52	U	5.0	ug/L							
m,p-Xylenes	0.48	U	2.0	ug/L							
Methylene chloride	0.53	U	1.0	ug/L							
o-Xylene	0.27	U	1.0	ug/L							
Styrene	0.26	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
Toluene	0.27	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.34	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.38	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.54	U	1.0	ug/L							
Trichloroethene	0.38	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
Vinyl acetate	0.98	U	5.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0K11036 - EPA 5030B_MS

Blank (0K11036-BLK1) Continued Prepared: 11/11/2010 14:48 Analyzed: 11/11/2010 22:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*51-122*			
Surrogate: Dibromofluoromethane	*55*			*ug/L*	*50.0*		*109*	*68-117*			
Surrogate: Toluene-d8	*50*			*ug/L*	*50.0*		*100*	*69-110*			

LCS (0K11036-BS1) Prepared: 11/11/2010 14:48 Analyzed: 11/11/2010 22:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	24		1.0	ug/L	20.0		118	75-133			
Benzene	21		1.0	ug/L	20.0		103	81-134			
Chlorobenzene	20		1.0	ug/L	20.0		101	83-117			
Toluene	22		1.0	ug/L	20.0		109	71-118			
Trichloroethene	21		1.0	ug/L	20.0		103	75-115			
Surrogate: 4-Bromofluorobenzene	*55*			*ug/L*	*50.0*		*110*	*51-122*			
Surrogate: Dibromofluoromethane	*54*			*ug/L*	*50.0*		*107*	*68-117*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*105*	*69-110*			

Matrix Spike (0K11036-MS1) Prepared: 11/11/2010 14:48 Analyzed: 11/11/2010 23:14

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	28		1.0	ug/L	20.0	0.24 U	141	75-133			QM-07
Benzene	23		1.0	ug/L	20.0	0.20 U	113	81-134			
Chlorobenzene	24		1.0	ug/L	20.0	0.81	114	83-117			
Toluene	24		1.0	ug/L	20.0	0.27 U	122	71-118			QM-07
Trichloroethene	23		1.0	ug/L	20.0	0.38 U	113	75-115			
Surrogate: 4-Bromofluorobenzene	*55*			*ug/L*	*50.0*		*109*	*51-122*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*103*	*68-117*			
Surrogate: Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*69-110*			

Matrix Spike Dup (0K11036-MSD1) Prepared: 11/11/2010 14:48 Analyzed: 11/11/2010 23:43

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	24		1.0	ug/L	20.0	0.24 U	121	75-133	15	20	
Benzene	20		1.0	ug/L	20.0	0.20 U	102	81-134	11	17	
Chlorobenzene	21		1.0	ug/L	20.0	0.81	100	83-117	13	16	
Toluene	22		1.0	ug/L	20.0	0.27 U	109	71-118	11	17	
Trichloroethene	20		1.0	ug/L	20.0	0.38 U	102	75-115	10	18	
Surrogate: 4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*108*	*51-122*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*101*	*68-117*			
Surrogate: Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*69-110*			

Batch 0K12023 - EPA 5030B_MS

Blank (0K12023-BLK1) Prepared: 11/12/2010 10:05 Analyzed: 11/12/2010 11:42

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0K12023 - EPA 5030B_MS

Blank (0K12023-BLK1) Continued Prepared: 11/12/2010 10:05 Analyzed: 11/12/2010 11:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.40	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
1,1,2-Trichloroethane	0.37	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
1,1-Dichloroethene	0.24	U	1.0	ug/L							
1,2,3-Trichloropropane	0.55	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.42	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dichloroethane	0.65	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
1,4-Dichlorobenzene	0.38	U	1.0	ug/L							
2-Butanone	1.0	U	5.0	ug/L							
2-Hexanone	0.69	U	5.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.5	U	5.0	ug/L							
Acrylonitrile	2.1	U	10	ug/L							
Benzene	0.20	U	1.0	ug/L							
Bromochloromethane	0.42	U	1.0	ug/L							
Bromodichloromethane	0.37	U	1.0	ug/L							
Bromoform	0.71	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Carbon disulfide	0.54	U	5.0	ug/L							
Carbon tetrachloride	0.38	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
Chloromethane	0.34	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.36	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.28	U	1.0	ug/L							
Dibromochloromethane	0.32	U	1.0	ug/L							
Dibromomethane	0.37	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
Iodomethane	0.52	U	5.0	ug/L							
m,p-Xylenes	0.48	U	2.0	ug/L							
Methylene chloride	0.53	U	1.0	ug/L							
o-Xylene	0.27	U	1.0	ug/L							
Styrene	0.26	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
Toluene	0.27	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.34	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.38	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.54	U	1.0	ug/L							
Trichloroethene	0.38	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
Vinyl acetate	0.98	U	5.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0K12023 - EPA 5030B_MS

Blank (0K12023-BLK1) Continued Prepared: 11/12/2010 10:05 Analyzed: 11/12/2010 11:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*51-122*			
Surrogate: Dibromofluoromethane	*56*			*ug/L*	*50.0*		*111*	*68-117*			
Surrogate: Toluene-d8	*50*			*ug/L*	*50.0*		*101*	*69-110*			

LCS (0K12023-BS1) Prepared: 11/12/2010 10:05 Analyzed: 11/12/2010 12:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	25		1.0	ug/L	20.0		124	75-133			
Benzene	21		1.0	ug/L	20.0		106	81-134			
Chlorobenzene	21		1.0	ug/L	20.0		107	83-117			
Toluene	22		1.0	ug/L	20.0		112	71-118			
Trichloroethene	21		1.0	ug/L	20.0		103	75-115			
Surrogate: 4-Bromofluorobenzene	*55*			*ug/L*	*50.0*		*110*	*51-122*			
Surrogate: Dibromofluoromethane	*53*			*ug/L*	*50.0*		*106*	*68-117*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*103*	*69-110*			

Matrix Spike (0K12023-MS1) Prepared: 11/12/2010 10:05 Analyzed: 11/12/2010 13:36

Source: C013151-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0	0.24 U	133	75-133			
Benzene	22		1.0	ug/L	20.0	0.20 U	108	81-134			
Chlorobenzene	21		1.0	ug/L	20.0	0.27 U	107	83-117			
Toluene	23		1.0	ug/L	20.0	0.27 U	115	71-118			
Trichloroethene	21		1.0	ug/L	20.0	0.38 U	107	75-115			
Surrogate: 4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*108*	*51-122*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*101*	*68-117*			
Surrogate: Toluene-d8	*50*			*ug/L*	*50.0*		*101*	*69-110*			

Matrix Spike Dup (0K12023-MSD1) Prepared: 11/12/2010 10:05 Analyzed: 11/12/2010 14:04

Source: C013151-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.24 U	130	75-133	2	20	
Benzene	21		1.0	ug/L	20.0	0.20 U	107	81-134	1	17	
Chlorobenzene	21		1.0	ug/L	20.0	0.27 U	106	83-117	0.6	16	
Toluene	23		1.0	ug/L	20.0	0.27 U	113	71-118	1	17	
Trichloroethene	21		1.0	ug/L	20.0	0.38 U	105	75-115	2	18	
Surrogate: 4-Bromofluorobenzene	*56*			*ug/L*	*50.0*		*111*	*51-122*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*68-117*			
Surrogate: Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*69-110*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0K05014 - EPA 245.1

Blank (0K05014-BLK1) Prepared: 11/05/2010 10:12 Analyzed: 11/05/2010 15:01

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0K05014 - EPA 245.1

Blank (0K05014-BLK1) Continued Prepared: 11/05/2010 10:12 Analyzed: 11/05/2010 15:01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.170	U	0.200	ug/L							

LCS (0K05014-BS1) Prepared: 11/05/2010 10:12 Analyzed: 11/05/2010 15:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.28		0.200	ug/L	5.00		106	85-115			

Matrix Spike (0K05014-MS1) Prepared: 11/05/2010 10:12 Analyzed: 11/05/2010 15:10

Source: C013017-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.15		0.200	ug/L	5.00	0.170 U	103	85-115			

Matrix Spike Dup (0K05014-MSD1) Prepared: 11/05/2010 10:12 Analyzed: 11/05/2010 15:13

Source: C013017-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.31		0.200	ug/L	5.00	0.170 U	106	85-115	3	15	

Post Spike (0K05014-PS1) Prepared: 11/05/2010 10:12 Analyzed: 11/05/2010 15:16

Source: C013017-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.34		0.200	ug/L	5.00	-0.0224	87	75-125			

Batch 0K09006 - EPA 245.1

Blank (0K09006-BLK1) Prepared: 11/09/2010 08:31 Analyzed: 11/09/2010 13:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.170	U	0.200	ug/L							

LCS (0K09006-BS1) Prepared: 11/09/2010 08:31 Analyzed: 11/09/2010 13:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.94		0.200	ug/L	5.00		99	85-115			

Matrix Spike (0K09006-MS1) Prepared: 11/09/2010 08:31 Analyzed: 11/09/2010 13:55

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.69		0.200	ug/L	5.00	0.170 U	94	85-115			

Matrix Spike Dup (0K09006-MSD1) Prepared: 11/09/2010 08:31 Analyzed: 11/09/2010 13:58

Source: C013019-03

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0K09006 - EPA 245.1

Matrix Spike Dup (0K09006-MSD1) Continued Prepared: 11/09/2010 08:31 Analyzed: 11/09/2010 13:58

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.70		0.200	ug/L	5.00	0.170 U	94	85-115	0.3	15	

Post Spike (0K09006-PS1) Prepared: 11/09/2010 08:31 Analyzed: 11/09/2010 14:01

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.11		0.200	ug/L	5.00	0.00680	82	75-125			

Batch 0K09007 - EPA 245.1

Blank (0K09007-BLK1) Prepared: 11/09/2010 08:36 Analyzed: 11/09/2010 15:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.170	U	0.200	ug/L							

LCS (0K09007-BS1) Prepared: 11/09/2010 08:36 Analyzed: 11/09/2010 15:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.03		0.200	ug/L	5.00		101	85-115			

Matrix Spike (0K09007-MS1) Prepared: 11/09/2010 08:36 Analyzed: 11/09/2010 15:24

Source: C012801-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.06		0.200	ug/L	5.00	0.170 U	101	85-115			

Matrix Spike Dup (0K09007-MSD1) Prepared: 11/09/2010 08:36 Analyzed: 11/09/2010 15:32

Source: C012801-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.23		0.200	ug/L	5.00	0.170 U	105	85-115	3	15	

Post Spike (0K09007-PS1) Prepared: 11/09/2010 08:36 Analyzed: 11/09/2010 15:35

Source: C012801-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.18		0.200	ug/L	5.00	0.000900	84	75-125			

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 0K09005 - EPA 3005A

Blank (0K09005-BLK1) Prepared: 11/09/2010 08:29 Analyzed: 11/11/2010 11:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.80	U	10.0	ug/L							

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 0K09005 - EPA 3005A

Blank (0K09005-BLK1) Continued Prepared: 11/09/2010 08:29 Analyzed: 11/11/2010 11:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Barium	1.00	U	10.0	ug/L							
Cadmium	0.360	U	1.00	ug/L							
Chromium	1.00	U	10.0	ug/L							
Lead	1.90	U	10.0	ug/L							
Selenium	2.70	U	10.0	ug/L							
Silver	1.90	U	10.0	ug/L							

LCS (0K09005-BS1) Prepared: 11/09/2010 08:29 Analyzed: 11/11/2010 11:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	479		10.0	ug/L	500		96	80-120			
Barium	470		10.0	ug/L	500		94	80-120			
Cadmium	239		1.00	ug/L	250		95	80-120			
Chromium	476		10.0	ug/L	500		95	80-120			
Lead	484		10.0	ug/L	500		97	80-120			
Selenium	489		10.0	ug/L	500		98	80-120			
Silver	242		10.0	ug/L	250		97	80-120			

Matrix Spike (0K09005-MS1) Prepared: 11/09/2010 08:29 Analyzed: 11/11/2010 11:41

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	463		10.0	ug/L	500	2.80 U	93	75-125			
Barium	470		10.0	ug/L	500	19.3	90	75-125			
Cadmium	223		1.00	ug/L	250	0.360 U	89	75-125			
Chromium	456		10.0	ug/L	500	1.00 U	91	75-125			
Lead	454		10.0	ug/L	500	1.90 U	91	75-125			
Selenium	469		10.0	ug/L	500	2.70 U	94	75-125			
Silver	234		10.0	ug/L	250	1.90 U	94	75-125			

Matrix Spike Dup (0K09005-MSD1) Prepared: 11/09/2010 08:29 Analyzed: 11/11/2010 11:52

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	476		10.0	ug/L	500	2.80 U	95	75-125	3	20	
Barium	470		10.0	ug/L	500	19.3	90	75-125	0.2	20	
Cadmium	225		1.00	ug/L	250	0.360 U	90	75-125	0.5	20	
Chromium	450		10.0	ug/L	500	1.00 U	90	75-125	1	20	
Lead	462		10.0	ug/L	500	1.90 U	92	75-125	2	20	
Selenium	482		10.0	ug/L	500	2.70 U	96	75-125	3	20	
Silver	226		10.0	ug/L	250	1.90 U	91	75-125	3	20	

Post Spike (0K09005-PS1) Prepared: 11/09/2010 08:29 Analyzed: 11/11/2010 11:55

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.06		0.0100	mg/L	1.00	-0.00184	107	80-120			

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 0K09005 - EPA 3005A

Post Spike (0K09005-PS1) Continued Prepared: 11/09/2010 08:29 Analyzed: 11/11/2010 11:55

Source: C013019-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Barium	1.03		0.0100	mg/L	1.00	0.0193	101	80-120			
Cadmium	0.507		0.00100	mg/L	0.500	9.88E-5	101	80-120			
Chromium	1.02		0.0100	mg/L	1.00	0.000749	102	80-120			
Lead	1.02		0.0100	mg/L	1.00	0.00159	102	80-120			
Selenium	1.07		0.0100	mg/L	1.00	-0.00845	108	80-120			
Silver	0.512		0.0100	mg/L	0.500	0.000627	102	80-120			

Batch 0K09019 - EPA 3005A

Blank (0K09019-BLK1) Prepared: 11/09/2010 11:05 Analyzed: 11/12/2010 10:37

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.80	U	10.0	ug/L							
Barium	1.00	U	10.0	ug/L							
Cadmium	0.360	U	1.00	ug/L							
Chromium	1.00	U	10.0	ug/L							
Lead	1.90	U	10.0	ug/L							
Selenium	2.70	U	10.0	ug/L							
Silver	1.90	U	10.0	ug/L							

LCS (0K09019-BS1) Prepared: 11/09/2010 11:05 Analyzed: 11/12/2010 10:41

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	480		10.0	ug/L	500		96	80-120			
Barium	472		10.0	ug/L	500		94	80-120			
Cadmium	239		1.00	ug/L	250		96	80-120			
Chromium	477		10.0	ug/L	500		95	80-120			
Lead	483		10.0	ug/L	500		97	80-120			
Selenium	485		10.0	ug/L	500		97	80-120			
Silver	241		10.0	ug/L	250		96	80-120			

Matrix Spike (0K09019-MS1) Prepared: 11/09/2010 11:05 Analyzed: 11/12/2010 10:47

Source: C013019-23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	484		10.0	ug/L	500	2.80 U	97	75-125			
Barium	502		10.0	ug/L	500	19.4	97	75-125			
Cadmium	240		1.00	ug/L	250	0.360 U	96	75-125			
Chromium	485		10.0	ug/L	500	1.00 U	97	75-125			
Lead	486		10.0	ug/L	500	1.90 U	97	75-125			
Selenium	496		10.0	ug/L	500	2.70 U	99	75-125			
Silver	248		10.0	ug/L	250	1.90 U	99	75-125			

Matrix Spike Dup (0K09019-MSD1) Prepared: 11/09/2010 11:05 Analyzed: 11/12/2010 10:49

Source: C013019-23

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 0K09019 - EPA 3005A

Matrix Spike Dup (0K09019-MSD1) Continued Prepared: 11/09/2010 11:05 Analyzed: 11/12/2010 10:49

Source: C013019-23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	475		10.0	ug/L	500	2.80 U	95	75-125	2	20	
Barium	492		10.0	ug/L	500	19.4	95	75-125	2	20	
Cadmium	235		1.00	ug/L	250	0.360 U	94	75-125	2	20	
Chromium	474		10.0	ug/L	500	1.00 U	95	75-125	2	20	
Lead	480		10.0	ug/L	500	1.90 U	96	75-125	1	20	
Selenium	491		10.0	ug/L	500	2.70 U	98	75-125	1	20	
Silver	242		10.0	ug/L	250	1.90 U	97	75-125	2	20	

Post Spike (0K09019-PS1) Prepared: 11/09/2010 11:05 Analyzed: 11/12/2010 10:52

Source: C013019-23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.10		0.0100	mg/L	1.00	-0.00391	110	80-120			
Barium	1.10		0.0100	mg/L	1.00	0.0194	108	80-120			
Cadmium	0.538		0.00100	mg/L	0.500	9.56E-5	108	80-120			
Chromium	1.08		0.0100	mg/L	1.00	0.000375	108	80-120			
Lead	1.08		0.0100	mg/L	1.00	0.000576	108	80-120			
Selenium	1.12		0.0100	mg/L	1.00	-0.00318	113	80-120			
Silver	0.535		0.0100	mg/L	0.500	-0.000471	107	80-120			

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.
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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(904) 296-3007 Fax (904) 296-6210

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

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Page 1 of 2

Client Name: S&ME, Inc. (SM004)	Project Number: [none]
Address: 3718 Old Battleground Rd.	Project Name/Desc: Davie County Landfill
City/ST/Zip: Greensboro, NC 27410	PO # / Billing Info
Tel: (336) 288-7180 Fax: (336) 288-8980	Reporting Contact: Edmund Henriques
Sampler(s) Name, Affiliation (Print): Gary Simcox / S&ME	Billing Contact: Accounts Payable
Sampler(s) Signature:	Site Location / Time Zone

Requested Analyses: 8260B Appendix 1; Ag,As,Ba,Cd,Cr,Pb,Se; Hg

Requested Turnaround Times
Note : Rush requests subject to acceptance by the facility
___ Standard
___ Expedited
Due __/__/__

Lab Workorder: C013019

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	Ag,As,Ba,Cd,Cr,Pb,Se	Hg								Sample Comments
	MW-1	11/2/10	0950	G	GW	4	X	X	X								
	MW-2	11/3/10	1650	G	GW	4	X	X	X								
	MW-3 MS/MSD	11/3/10	0925	G	GW	4	X	X	X								
	MW-4	11/3/10	1505	G	GW	4	X	X	X								
	MW-5A	11/3/10	1735	G	GW	4	X	X	X								
	MW-6	11/3/10	1230	G	GW	4	X	X	X								
	MW-7	11/3/10	1315	G	GW	4	X	X	X								
	MW-8	11/3/10	1020	G	GW	4	X	X	X								
	MW-9	11/3/10	1140	G	GW	4	X	X	X								
	MW-10	11/2/10	1700	G	GW	4	X	X	X								
	MW-12	11/2/10	1605	G	GW	4	X	X	X								
	MW-13A	11/2/10	1420	G	GW	4	X	X	X								

<-- Total # of Containers

Sample Kit Prepared By: [illegible]	Date/Time: 10/28	Relinquished By: [illegible]	Date/Time: 11/4/10 0800	Received By: [illegible]	Date/Time: 11/4/10 1130
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C-596 2.0°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil DW-Drinking Water 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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Page 2 of 2

Client Name: S&ME, Inc. (SM004)	Project Number: [none]
Address: 3718 Old Battleground Rd.	Project Name/Desc: Davie County Landfill
City/ST/Zip: Greensboro, NC 27410	PO # / Billing Info:
Tel: (336) 288-7180 Fax: (336) 288-8980	Reporting Contact: Edmund Henriques
Sampler(s) Name, Affiliation (Print): Gary Simcox / S&ME	Billing Contact: Accounts Payable
Sampler(s) Signature:	Site Location / Time Zone:

Requested Analyses: 8260B Appendix 1; Ag,As,Ba,Cd,Cr,Pb,Se; Hg

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C013019

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	Ag,As,Ba,Cd,Cr,Pb,Se	Hg							Sample Comments
	MW-14	11/3/10	0815	G	GW	4	X	X	X							
	MW-15	11/2/10	1510	G	GW	4	X	X	X							
	MW-16S	11/2/10	1135	G	GW	4	X	X	X							
	MW-16D	11/2/10	1100	G	GW	4	X	X	X							
	MW-17	11/2/10	1215	G	GW	4	X	X	X							
	MW-18	11/2/10	1555	G	GW	4	X	X	X							
	Trip Blank				WA	2	X	X	X							
	DUPLICATE	11/3/10	0700	G	GW	4	X	X	X							
	SW-1	11/3/10	1335	G	GW	4	X	X	X							
	SW-2	11/3/10	1045	G	GW	4	X	X	X							
	SW-3	11/3/10	0835	G	GW	4	X	X	X							
	SW-4	11/3/10	1400	G	GW	4	X	X	X							

<-- Total # of Containers

Sample Kit Prepared By: CB	Date/Time: 10/28	Relinquished By:	Date/Time: 11/4/10 0800	Received By:	Date/Time: 11/4/10 1130
Comments/Special Reporting Requirements		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler #'s & Temps on Receipt: C-596 20°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil DW-Drinking Water 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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Page ____ of ____

Client Name	S & ME
Address	3718 OLD BATTLEGROUND RD.
City/ST/Zip	GREENSBORO NC 27410
Tel	336-288-7180
Fax	336-288-8980
Sampler(s) Name, Affiliation (Print)	GARY SIMCOX / S&ME
Sampler(s) Signature	
Project Number	
Project Name/Desc	DAVIE CO. LANDFILL
PO # / Billing Info	
Reporting Contact	ED HENRIQUES
Billing Contact	
Site Location / Time Zone	

Requested Analyses: BCLOB App. 1; Ag, As, Ba, Cd, Cr, Pb; Se; Hg

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C013019

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	BCLOB App. 1	Ag, As, Ba, Cd, Cr, Pb	Se	Hg	Sample Comments
	MW-21	11/3/10	1555	G	GW	4	X	X	X	X	

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time 11/4/10 0800	Received By	Date/Time 11/4/10 1130
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil DW-Drinking Water 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