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		May 26-30, 2009

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

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

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

Signature — 7-21-09 Date

Affix NC Licensed/ Professional Geologist Seal

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

7-21-09

254 W. Water Street, 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.
ENVIRONMENTAL AND CIVIL DESIGN

July 21, 2009

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 May of 2009.

The data indicates no exceedance of surface water standards. However, you will note from the Exceedance Summary Table that monitoring wells **MW-1** (1,4 Dichlorobenzene, Benzene, Tetrachloroethene, Trichloroethene, Vinyl Chloride), **MW-4** (Benzene), **MW-5** (1,2 Dichloropropane, 1,4 Dichlorobenzene, Benzene, Trichloroethene, Vinyl Chloride), **MW-10** (Tetrachloroethene, Trichloroethene), **MW-12** (Lead), **MW-15** (Tetrachloroethene), **MW-16D** (Benzene, Tetrachloroethene, Trichloroethene, Vinyl Chloride) show exceedance of 2L levels for the May 26th sampling events.

These exceedances result from historic landfill use. The landfill is now capped and closed. S&ME has been retained to provide statistical analysis and recommendations in accordance with governing regulations.

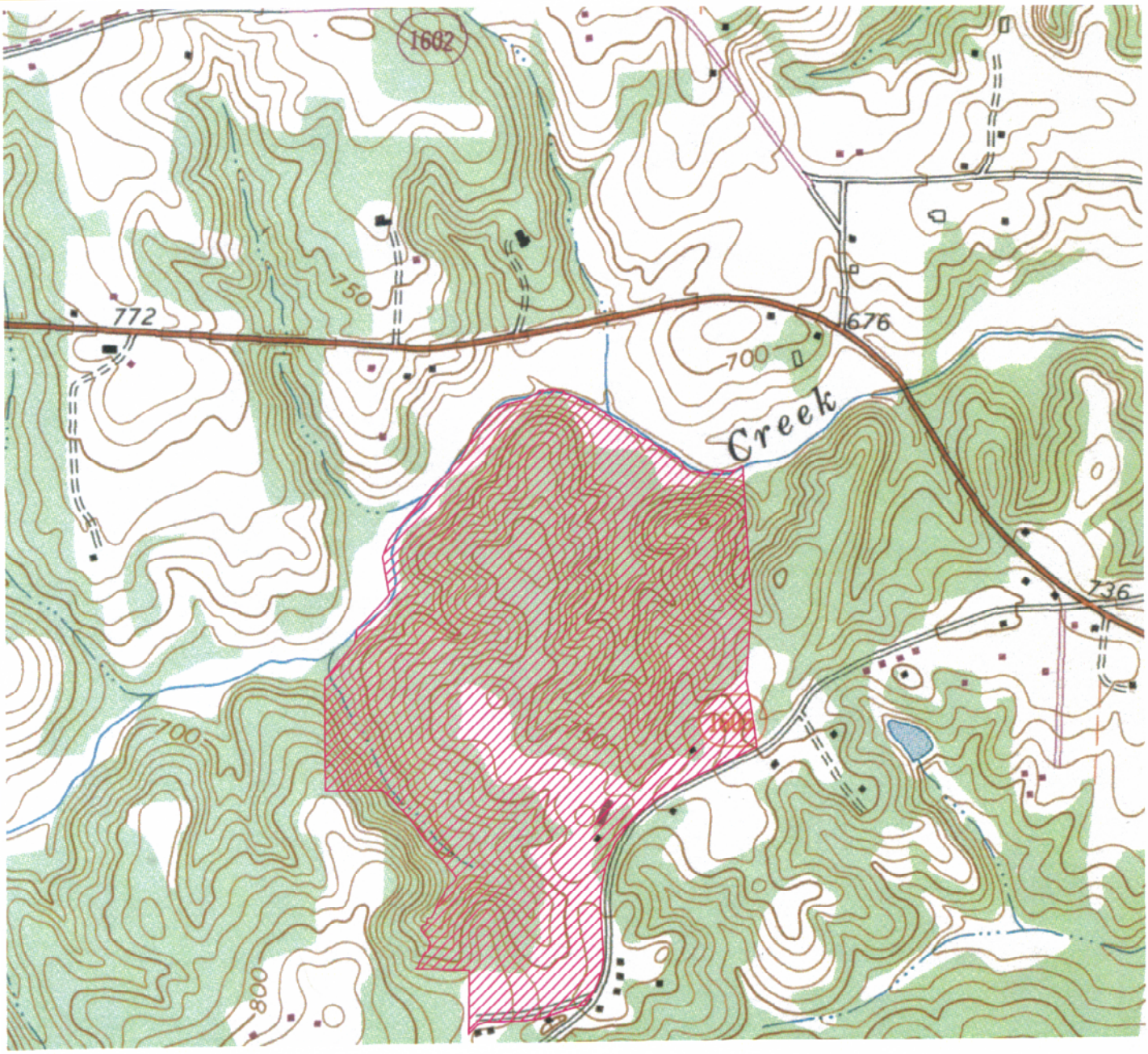
A meeting was held in Grey Engineering offices, on Friday, July 17, 2009 to discuss these and other issues with Jason Watkins and Hugh Jernigan of NCDENR. A meeting with Jackie Drummond, NCDENR Hydrogeologist, is scheduled for Monday, July 27th, in her Raleigh office, to discuss follow-up measures.

If you should have any questions, do not hesitate to give me a call.

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



MOCKSVILLE QUADRANGLE
NORTH CAROLINA
USGS 7.5 MINUTE TOPOGRAPHIC SERES
1969

0 1000 2000 3000

SCALE: 1"=1000' CONTOURS AT 2'

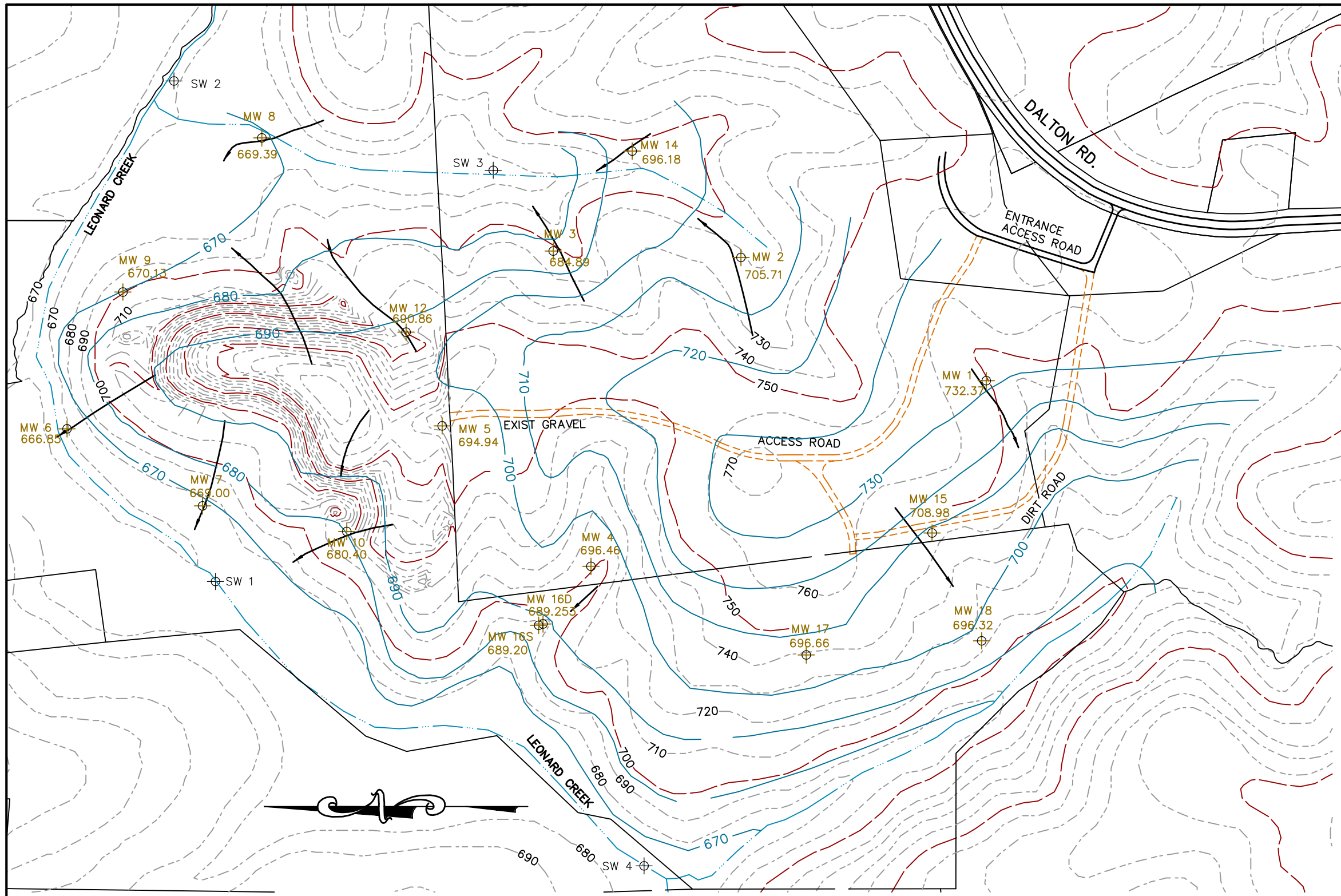
GREY ENGINEERING, INC.
Civil Design and Surveying
P.O. Box 9 Mocksville, N.C. 27028
greyengineering.com (336)751-2110

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



SAMPLING COORDINATES

MW/SW NO.	NORTHING COORDINATES	EASTING COORDINATES	TOP OF CASING ELEV
MW1	778537.000	1549417.500	748.31
MW2	779166.964	1549715.551	709.06
MW3	779679.692	1549733.079	694.59
MW4	779576.716	1548872.406	705.62
MW5	779982.868	1549255.922	761.96
MW6	781007.434	1549247.770	673.19
MW7	780637.281	1549037.253	685.61
MW8	780502.500	1550061.000	673.82
MW9	780854.630	1549621.109	682.71
MW10	780277.000	1548994.000	729.20
MW11	780168.025	1549351.161	750.35
MW12	780091.000	1549522.500	741.04
MW13	777185.901	1549199.461	770.69
MW14	779464.004	1550006.148	702.99
MW15	778682.000	1549000.000	755.94
MW16D	779707.387	1548714.812	701.95
MW16S	779719.587	1548711.134	701.91
MW17	778988.687	1548630.376	746.14
MW18	778531.000	1548694.000	722.82
SW1	780601.889	1548830.653	
SW2	780715.500	1550197.500	
SW3	779869.500	1549971.500	
SW4	779431.489	1548054.235	

GENERAL NOTES:

1. NORTH IS BASED ON DAVIE COUNTY GIS MAP, REF NAD 83.
2. EXISTING WELL LOCATIONS 1 THROUGH 15, SW1 THROUGH SW4, FROM KUHN CONSTRUCTION SURVEYS, DAVIE COUNTY LANDFILL SURVEY, JOB NO. 089-L, DRAWING NO. 1997-4+; 10-97.
3. NEW WELL NO'S 16S, 16D, 17, AND 18 SURVEYED BY GREY ENGINEERING, 12/11/03. INSTALLED DEC 2003.
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 – WITH ELEVATION
- SW — SURFACE WATER
- 740 — TOPOGRAPHIC CONTOUR LINE
- 680 — GROUNDWATER CONTOUR LINE
- GROUNDWATER FLOW DIRECTION

0 300 600 900

SCALE: 1"=300' CONTOURS AT 10'

\202.019 April 07\SAMPLING MAP 07

DAVIE COUNTY LANDFILL
MOCKSVILLE, NORTH CAROLINA

SAMPLE LOCATIONS/GROUNDWATER CONTOUR MAP
APRIL 2007

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

SHEET: 1 of 1

S&ME, INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: MW-1

Locked: YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description: Top of Casing

Purge Date: 5/29/09

Purge Time: 1145 to 1215

Sample Date: 5/29/09

Sample Time: 1220

Sampled By: GWS

Weather: P/SUNNY 80°

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	17.19	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	39.3	ft.
5)	Height of water column (h)	22.11	ft.

Well Purging and Sample Collection

1)	Purge Method	Waterra Pump	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	3.75	gal.
4)	Volume of water removed prior to sampling	12.0	gal.
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	16.62	°C
2)	Specific Conductance	886	µm~~hos/cm~~ µS/cm
3)	pH	6.37	
4)	Physical Appearance and Odor	Clear and ~~Rancid~~ None	

NOTE: MS/MSD TAKEN @ THIS LOCATION

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-2
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of Casing

Purge Date: 5/28/09
Purge Time: 1420 to 1450
Sample Date: 5/28/09
Sample Time: 1500
Sampled By: GWS
Weather: P/CLOUDY 85°

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	4.19	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	22.1	ft.
5)	Height of water column (h)	17.91	ft.

Well Purging and Sample Collection

1)	Purge Method	PERISTALTIC PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	3.0	gal.
4)	Volume of water removed prior to sampling	6.0	~~gal.~~ LITER
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	13.99	°C
2)	Specific Conductance	310	µmhos/cm
3)	pH	6.23	mS/cm
4)	Physical Appearance and Odor	Clear and Odorless	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-3
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of Casing

Purge Date: 5/28/09
Purge Time: 1520 to 1555
Sample Date: 5/28/09
Sample Time: 1600
Sampled By: GWS
Weather: SUNNY / 85°

Water Level and Well Data

1) Depth to free product from measuring point ____ ft.
2) Depth to water from measuring point 10.53 ft.
3) Thickness of free product ____ ft.
4) Depth to well bottom from measuring point 36.75 ft.
5) Height of water column (h) 26.22 ft.

Well Purging and Sample Collection

1) Purge Method: PERISTALTIC PUMP
2) Sample Method: " "
3) Volume of water in well
   X 2" well...(v=0.163 x h) 4.5 gal.
4) Volume of water removed prior to sampling 8.0 gal.
5) Was well purged DRY ? YES ____ NO ✓

Field Analysis

1) Temperature 15.02 °C
2) Specific Conductance 530 ~~µmhos/cm~~ µS/cm
3) pH 6.28
4) Physical Appearance and Odor: Clear and Odorless

Casing separated @ first joint

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: MW-4 D

Locked: YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description: Top of Casing

Purge Date: 5/28

Purge Time: 0900 to 0930

Sample Date: 5/28

Sample Time: 0940

Sampled By: GWS

Weather: CLOUDY 75°

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	10.58	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	30.3	ft.
5)	Height of water column (h)	19.72	ft.

Well Purging and Sample Collection

1)	Purge Method	PERISTALTIC PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	3.35	gal.
4)	Volume of water removed prior to sampling	3.0	LITERS
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	13.35	°C
2)	Specific Conductance	464	~~µmhos/cm~~ µS/cm
3)	pH	5.63	
4)	Physical Appearance and Odor	CLEAR/NONE	

* Unable to purge well, well casing separated at approximately 15'; pulled grab sample

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-5
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of Casing

Purge Date: 5/29/09
Purge Time: 1325 to 1345
Sample Date: 5/29/09
Sample Time: 1350
Sampled By: GWS
Weather: SUNNY 80°

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	67.79	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	83.6	ft.
5)	Height of water column (h)	15.81	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	2.7	gal.
4)	Volume of water removed prior to sampling	4.0	gal.
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	17.05	°C
2)	Specific Conductance	317	~~µmhos/cm~~ µS/cm
3)	pH	6.60	
4)	Physical Appearance and Odor		

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: MW-6

Locked: YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description: Top of Casing

Purge Date: 5/28/09

Purge Time: 1100 to 1130

Sample Date: 5/28/09

Sample Time: 1140

Sampled By: GMS

Weather: ~~Partly~~ 80°

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	6.83	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	15.35	ft.
5)	Height of water column (h)	8.52	ft.

Well Purging and Sample Collection

1)	Purge Method	PERISTALTIC PUMP	
2)	Sample Method	____	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	1.45	gal.
4)	Volume of water removed prior to sampling	6.0	LITERS
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	14.80	°C
2)	Specific Conductance	100	~~µmhos/cm~~ µS/cm
3)	pH	5.59	
4)	Physical Appearance and Odor	CLEAR/NONE	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-7
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of Casing

Purge Date: 5/28/09
Purge Time: 1010 to 1030
Sample Date: 5/28/09
Sample Time: 1040
Sampled By: GWS
Weather: CLOUDY / DRIZZLE

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	17.23	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	20.67	ft.
5)	Height of water column (h)	3.44	ft.

Well Purging and Sample Collection

1)	Purge Method	PERISTALTIC PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	.6	gal.
4)	Volume of water removed prior to sampling	2.0	LITERS
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	5.64	°C
2)	Specific Conductance	42	~~umhos/cm~~ uS/cm
3)	pH	5.65	
4)	Physical Appearance and Odor		

No tag on well casing

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-8
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of casing

Purge Date: 5/28/09
Purge Time: 1310 to 1340
Sample Date: 5/28/09
Sample Time: 1350
Sampled By: GWS
Weather: P/cloudy 80°

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	4.11	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	14.15	ft.
5)	Height of water column (h)	10.04	ft.

Well Purging and Sample Collection

1)	Purge Method	PERISTALTIC PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	1.7	gal.
4)	Volume of water removed prior to sampling	6	LITER
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	15.53	°C
2)	Specific Conductance	60	~~µmhos/cm~~ µS/cm
3)	pH	5.52	
4)	Physical Appearance and Odor	CLEAR/NONE	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-9
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of casing

Purge Date: 5/28/09
Purge Time: 1210 to 1240
Sample Date: 5/28/09
Sample Time: 1250
Sampled By: GMS
Weather: P/CLOUDY

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	12.68	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	15.90	ft.
5)	Height of water column (h)	3.22	ft.

Well Purging and Sample Collection

1)	Purge Method	PERISTALTIC PUMP	
2)	Sample Method	" "	
3)	Volume of water in well X 2" well...(v=0.163 x h)	.54	gal.
4)	Volume of water removed prior to sampling	3	LITERS
5)	Was well purged DRY ? YES ____ NO	/	

Field Analysis

1)	Temperature	14.87	°C
2)	Specific Conductance	71	~~µmhos/cm~~ µS/cm
3)	pH	5.60	
4)	Physical Appearance and Odor	CLEAR/NONE	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: MW-10

Locked: YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description: Top of casing

Purge Date: 5/29/09

Purge Time: 1415 to 1445

Sample Date: 5/29/09

Sample Time: 1450

Sampled By: GWS

Weather: SUNNY 85°

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	47.98	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	57.6	ft.
5)	Height of water column (h)	9.62	ft.

Well Purging and Sample Collection

1)	Purge Method	Whale Pump	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	1.6	gal.
4)	Volume of water removed prior to sampling	5.0	gal.
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	16.92	°C
2)	Specific Conductance	95	~~µmhos/cm~~ µS/cm
3)	pH	6.11	
4)	Physical Appearance and Odor	CLEAR/NONE	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-12
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of casing

Purge Date: 5/29/09
Purge Time: 1535 to 1595
Sample Date: 5/29/09
Sample Time: 1600
Sampled By: GWS
Weather: CLOUDY 80°

Water Level and Well Data

1) Depth to free product from measuring point ____ ft.
2) Depth to water from measuring point 51.53 ft.
3) Thickness of free product ____ ft.
4) Depth to well bottom from measuring point 54.62 ft.
5) Height of water column (h) 3.09 ft.

Well Purging and Sample Collection

1) Purge Method: WHALER PUMP
2) Sample Method: " "
3) Volume of water in well
   X 2" well...(v=0.163 x h) .5 gal.
4) Volume of water removed prior to sampling 2.0 gal.
5) Was well purged DRY ? YES ✓ NO ____

DRY @ 1.1 GALLONS

Field Analysis

1) Temperature 19.06 °C
2) Specific Conductance 163 ~~µmhos/cm~~ µS/cm
3) pH 6.16
4) Physical Appearance and Odor TURBID / NONE

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-13
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of casing

Purge Date: 5/29/09 1625
Purge Time: ____ to ____
Sample Date: ____
Sample Time: ____
Sampled By: ____
Weather: ____

NOT SAMPLED

Water Level and Well Data

1) Depth to free product from measuring point ____ ft.
2) Depth to water from measuring point 34.76 ft.
3) Thickness of free product ____ ft.
4) Depth to well bottom from measuring point 35.17 ft.
5) Height of water column (h) ____ ft.

Well Purging and Sample Collection

1) Purge Method ____
2) Sample Method ____
3) Volume of water in well
   X 2" well...(v=0.163 x h) ____ gal.
4) Volume of water removed prior to sampling ____ gal.
5) Was well purged DRY ? YES ____ NO ____

Field Analysis

1) Temperature ____ °C
2) Specific Conductance ____ µmhos/cm
3) pH ____
4) Physical Appearance and Odor Clear

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-14
Locked: YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of casing

Purge Date: 5/28/09
Purge Time: 1620 to 1650
Sample Date: 5/28/09
Sample Time: 1655
Sampled By: GWS
Weather: P/CLOUDY 85°

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	7.55	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	17.7	ft.
5)	Height of water column (h)	10.15	ft.

Well Purging and Sample Collection

1)	Purge Method	PERISTALTIC PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	1.7	gal.
4)	Volume of water removed prior to sampling	6	~~gal.~~ LITERS
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	14.88	°C
2)	Specific Conductance	1345	µmhos/cm
3)	pH	6.49	µS/cm
4)	Physical Appearance and Odor	CLEAR/NONE	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-15
Locked ____ YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of casing

Purge Date: 5/29/09
Purge Time: 1105 to 1120
Sample Date: 5/29/09
Sample Time: 1125
Sampled By: GWS
Weather: CLOUDY 75°

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	47.90	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	55.1	ft.
5)	Height of water column (h)	7.20	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	1.3	gal.
4)	Volume of water removed prior to sampling	5.0	gal.
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	17.32	°C
2)	Specific Conductance	315	~~µmhos/cm~~ µS/cm
3)	pH	5.61	
4)	Physical Appearance and Odor	CLEAR/NONE	

Hinged broken on well cap

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: MW-16 Shallow

Locked ____ YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description

Top of casing

Purge Date: 5/29/09

Purge Time: 0820 to 0835

Sample Date: 5/29/09

Sample Time: 0840

Sampled By: GWS

Weather: CLOUDY

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	14.25	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	25.65	ft.
5)	Height of water column (h)	11.4	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	2.0	gal.
4)	Volume of water removed prior to sampling	6.0	gal.
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	13.67	°C
2)	Specific Conductance	80	~~µmhos/cm~~ µS/cm
3)	pH	5.84	
4)	Physical Appearance and Odor	CLEAR/NONE	

NOTE: DUP TAKEN @ THIS LOCATION

0700 HRS

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill
Source /Well: MW-16 Deep
Locked ____ YES X NO ____
PVC X Steel ____ Stainless ____
Measuring Point Description
Top of Casing

Purge Date: 5/28/09
Purge Time: 0740 to 0805
Sample Date: 5/28/09
Sample Time: 0810
Sampled By: GWS
Weather: CLOUDY/ DRIZZLE

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	14.33	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	58.65	ft.
5)	Height of water column (h)	44.32	ft.

Well Purging and Sample Collection

1)	Purge Method	Waterra Pump	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	7.5	gal.
4)	Volume of water removed prior to sampling	12.0	gal.
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	14.44	°C
2)	Specific Conductance	286	~~µmhos/cm~~ mS/cm
3)	pH	6.28	
4)	Physical Appearance and Odor	CLEAR/NONE	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: MW-17

Locked: ____ YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description: Top of casing

Purge Date: 5/28/09

Purge Time: 0905 to 0915

Sample Date: 5/28/09

Sample Time: 1530

Sampled By: GWS

Weather: CLOUDY 70°

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	52.28	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	59.1	ft.
5)	Height of water column (h)	6.82	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP	
2)	Sample Method	BAILER	
3)	Volume of water in well X 2" well...(v=0.163 x h)	1.2	gal.
4)	Volume of water removed prior to sampling	3.5	gal.
5)	Was well purged DRY ? YES ✓ NO ____		

Field Analysis

1)	Temperature	16.37	°C
2)	Specific Conductance	92	~~µmhos/cm~~ µS/cm
3)	pH	6.06	
4)	Physical Appearance and Odor	CLEAR / NONE	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: MW-18

Locked ____ YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description

Top of casing

Purge Date: 5/29/09

Purge Time: 0940 to 0955

Sample Date: 5/29/09

Sample Time: 1000

Sampled By: GWS

Weather: CLOUDY 70°

Water Level and Well Data

1)	Depth to free product from measuring point		ft.
2)	Depth to water from measuring point	27.09	ft.
3)	Thickness of free product		ft.
4)	Depth to well bottom from measuring point	35.65	ft.
5)	Height of water column (h)	8.56	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP	
2)	Sample Method	" "	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	1.5	gal.
4)	Volume of water removed prior to sampling	5.0	gal.
5)	Was well purged DRY ? YES ____ NO	✓	

Field Analysis

1)	Temperature	15.78	°C
2)	Specific Conductance	68	~~umhos/cm~~ uS/cm
3)	pH	5.90	
4)	Physical Appearance and Odor	CLEAR/ NONE	

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: SW-1

Locked: YES _____ NO X

PVC _____ Steel _____ Stainless _____

Measuring Point Description: N-A

Purge Date: N-A

Purge Time: _____ to _____

Sample Date: 5/30/09

Sample Time: 0845

Sampled By: GWS

Weather: CLEAR 65°

Water Level and Well Data

1) Depth to free product from measuring point: N-A ft.
2) Depth to water from measuring point: _____ ft.
3) Thickness of free product: N-A ft.
4) Depth to well bottom from measuring point: N-A ft.
5) Height of water column (h): _____ ft.

Well Purging and Sample Collection

1) Purge Method: _____
2) Sample Method: _____
3) Volume of water in well
   _____ 2" well...(v=0.163 x h): _____ gal.
4) Volume of water removed prior to sampling: N-A gal.
5) Was well purged DRY ? YES _____ NO _____

Field Analysis

1) Temperature: 16.67 °C
2) Specific Conductance: 111 ~~µmhos/cm~~ µS/cm
3) pH: 7.30
4) Physical Appearance and Odor: CLEAR/NONE

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: SW-2

Locked: YES _____ NO X

PVC _____ Steel _____ Stainless _____

Measuring Point Description: N-A

Purge Date: N-A

Purge Time: _____ to _____

Sample Date: 5/30/09

Sample Time: 0925

Sampled By: GWS

Weather: CLEAR 65°

Water Level and Well Data

1) Depth to free product from measuring point: N-A ft.
2) Depth to water from measuring point: _____ ft.
3) Thickness of free product: N-A ft.
4) Depth to well bottom from measuring point: N-A ft.
5) Height of water column (h): _____ ft.

Well Purging and Sample Collection

1) Purge Method: _____
2) Sample Method: _____
3) Volume of water in well
   _____ 2" well...(v=0.163 x h): _____ gal.
4) Volume of water removed prior to sampling: N-A gal.
5) Was well purged DRY ? YES _____ NO _____

Field Analysis

1) Temperature: 16.91 °C
2) Specific Conductance: 112 ~~µmhos/cm~~ µS/cm
3) pH: 7.19
4) Physical Appearance and Odor: Clear

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: SW-3

Locked: YES _____ NO X

PVC _____ Steel _____ Stainless _____

Measuring Point Description

N-A

Purge Date: N-A

Purge Time: _____ to _____

Sample Date: 5/30/09

Sample Time: 1000

Sampled By: GWS

Weather: CLEAR 70°

Water Level and Well Data

1) Depth to free product from measuring point: N-A ft.
2) Depth to water from measuring point: _____ ft.
3) Thickness of free product: N-A ft.
4) Depth to well bottom from measuring point: N-A ft.
5) Height of water column (h): _____ ft.

Well Purging and Sample Collection

1) Purge Method: _____
2) Sample Method: _____
3) Volume of water in well
   _____ 2" well...(v=0.163 x h): _____ gal.
4) Volume of water removed prior to sampling: N-A gal.
5) Was well purged DRY ? YES _____ NO _____

Field Analysis

1) Temperature: 17.62 °C
2) Specific Conductance: 389 ~~µmhos/cm~~ µS/cm
3) pH: 7.57
4) Physical Appearance and Odor: _____

Only 2 VOA's

SE INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: SW-4

Locked: YES _____ NO X

PVC _____ Steel _____ Stainless _____

Measuring Point Description: N-A

Purge Date: N-A

Purge Time: _____ to _____

Sample Date: 5/30/09

Sample Time: 0815

Sampled By: GWS

Weather: CLEAR 65°

Water Level and Well Data

1) Depth to free product from measuring point: N-A ft.
2) Depth to water from measuring point: _____ ft.
3) Thickness of free product: N-A ft.
4) Depth to well bottom from measuring point: N-A ft.
5) Height of water column (h): _____ ft.

Well Purging and Sample Collection

1) Purge Method: _____
2) Sample Method: _____
3) Volume of water in well
   _____ 2" well...(v=0.163 x h): _____ gal.
4) Volume of water removed prior to sampling: N-A gal.
5) Was well purged DRY ? YES _____ NO _____

Field Analysis

1) Temperature: 16.41 °C
2) Specific Conductance: 111 µmhos/cm
3) pH: 7.25 uS/cm
4) Physical Appearance and Odor: CLEAR/NONE

DAVIE COUNTY LANDFILL
S&ME PROJECT NO. 1584-03-109

Well No.	Top of Casing Elevation	Depth of Well (ft) [2]	Static Water Levels				Water Col Height	Well Vol gals	Purge Gals	# Bales	Needed Repairs
			15-Dec-03		26-May-04						
			Depth	Elevation	Depth	Elevation					
MW-1	748.31	39.30	16.88	731.43		748.31	39.30	6.4	19.2	72.7	Needs Cap
MW-2	709.06	22.10	4.15	704.91		709.06	22.10	3.6	10.8	40.9	
MW-3	694.59	36.75	9.97	684.62		694.59	36.75	6.0	18.0	68.0	Split Case
MW-4	705.62	30.30	9.83	695.79		705.62	30.30	4.9	14.8	56.1	Split Case
MW-5	761.96	83.60	66.17	695.79		761.96	83.60	13.6	40.9	154.7	Hasp Weld
MW-6	673.19	15.35	6.19	667.00		673.19	15.35	2.5	7.5	28.4	
MW-7	685.61	20.67	16.81	668.80		685.61	20.67	3.4	10.1	38.3	
MW-8	673.82	14.15	4.07	669.75		673.82	14.15	2.3	6.9	26.2	
MW-9	682.71	17.55	12.65	670.06		682.71	17.55	2.9	8.6	32.5	
MW-10	729.20	57.60	47.74	681.46		729.20	57.60	9.4	28.2	106.6	
MW-11	DEACTIVATED										
MW-12	741.04	54.62	47.36	693.68		741.04	54.62	8.9	26.7	101.1	
MW-13	770.69	35.17	32.94	737.75		770.69	35.17	5.7	17.2	65.1	
MW-14	702.99	17.70	7.78	695.21		702.99	17.70	2.9	8.7	32.8	
MW-15	755.94	55.10	47.24	708.70		755.94	55.10	9.0	26.9	102.0	
MW-16 S	701.91	25.65	13.06	N-A		701.91	25.65	4.2	12.5	47.5	
MW-16 D	701.95	58.65	13.13	N-A		701.95	58.65	9.6	28.7	108.6	
MW-17	746.14	59.10	44.38	N-A		746.14	59.10	9.6	28.9	109.4	
MW-18	722.82	35.65	26.9	N-A		722.82	35.65	5.8	17.4	66.0	
SW-1	N-A	N-A	N-A	N-A	N-A	N-A					
SW-2	N-A	N-A	N-A	N-A	N-A	N-A					
SW-3	N-A	N-A	N-A	N-A	N-A	N-A					
SW-4	N-A	N-A	N-A	N-A	N-A	N-A					

2" well...(v=0.163 x h)

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

Monday, June 15, 2009

Grey Engineering (GR009)

Attn: Beth Brown

254 West Water Street

Mocksville, NC 27028

RE: Laboratory Results for
Project Number: 1584-03-109, Project Name/Desc: Davie County Landfill
ENCO Workorder: C904731

Dear Beth Brown,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Monday, June 1, 2009.

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

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

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

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

Sincerely,

Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 93.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1 MS/MSD **Lab ID:** C904731-01 **Sampled:** 05/29/09 12:20 **Received:** 06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:41	6/4/2009 12:41
EPA 7470A	06/26/09	06/02/09 08:36	6/2/2009 14:17
EPA 8260B	06/12/09	06/04/09 14:47	6/5/2009 02:59

Client ID: MW-2 **Lab ID:** C904731-02 **Sampled:** 05/28/09 15:00 **Received:** 06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/24/09	06/02/09 08:41	6/4/2009 12:51
EPA 7470A	06/25/09	06/02/09 08:36	6/2/2009 14:32
EPA 8260B	06/11/09	06/04/09 14:47	6/5/2009 03:28

Client ID: MW-3 **Lab ID:** C904731-03 **Sampled:** 05/28/09 16:00 **Received:** 06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/24/09	06/02/09 08:41	6/4/2009 12:53
EPA 7470A	06/25/09	06/02/09 08:36	6/2/2009 14:35
EPA 8260B	06/11/09	06/04/09 14:47	6/5/2009 04:27

Client ID: MW-4 **Lab ID:** C904731-04 **Sampled:** 05/28/09 09:40 **Received:** 06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/24/09	06/02/09 08:41	6/4/2009 12:56
EPA 7470A	06/25/09	06/02/09 08:36	6/2/2009 14:39
EPA 8260B	06/11/09	06/04/09 14:47	6/5/2009 04:57

Client ID: MW-5 **Lab ID:** C904731-05 **Sampled:** 05/29/09 13:50 **Received:** 06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:41	6/4/2009 13:06
EPA 7470A	06/26/09	06/02/09 08:36	6/2/2009 14:48
EPA 8260B	06/12/09	06/04/09 14:47	6/5/2009 03:58

Client ID: MW-6 **Lab ID:** C904731-06 **Sampled:** 05/28/09 11:40 **Received:** 06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/24/09	06/02/09 08:41	6/4/2009 13:08
EPA 7470A	06/25/09	06/02/09 08:36	6/2/2009 14:51
EPA 8260B	06/11/09	06/05/09 11:45	6/5/2009 15:19

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Client ID:	MW-7	Lab ID:	C904731-07	Sampled:	05/28/09 10:40	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/24/09	06/02/09 08:41	6/4/2009 13:10
EPA 7470A	06/25/09	06/02/09 08:36	6/2/2009 14:53
EPA 8260B	06/11/09	06/05/09 11:45	6/5/2009 15:48

Client ID:	MW-8	Lab ID:	C904731-08	Sampled:	05/28/09 13:50	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/24/09	06/02/09 08:41	6/4/2009 13:13
EPA 7470A	06/25/09	06/02/09 08:36	6/2/2009 14:56
EPA 8260B	06/11/09	06/05/09 11:45	6/5/2009 16:17

Client ID:	MW-9	Lab ID:	C904731-09	Sampled:	05/28/09 12:50	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/24/09	06/02/09 08:41	6/4/2009 13:15
EPA 7470A	06/25/09	06/02/09 08:36	6/2/2009 14:59
EPA 8260B	06/11/09	06/05/09 11:45	6/5/2009 16:46

Client ID:	MW-10	Lab ID:	C904731-10	Sampled:	05/29/09 14:50	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:41	6/4/2009 13:17
EPA 7470A	06/26/09	06/02/09 08:36	6/2/2009 15:01
EPA 8260B	06/12/09	06/05/09 11:45	6/5/2009 17:16

Client ID:	MW-12	Lab ID:	C904731-11	Sampled:	05/26/09 16:00	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/22/09	06/02/09 08:41	6/4/2009 13:19
EPA 7470A	06/23/09	06/02/09 08:36	6/2/2009 15:04
EPA 8260B	06/09/09	06/03/09 13:00	6/3/2009 19:21

Client ID:	MW-14	Lab ID:	C904731-12	Sampled:	05/28/09 16:55	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/24/09	06/02/09 08:41	6/4/2009 13:22
EPA 7470A	06/25/09	06/02/09 08:36	6/2/2009 15:07
EPA 8260B	06/11/09	06/05/09 11:45	6/5/2009 17:45

Client ID:	MW-15	Lab ID:	C904731-13	Sampled:	05/29/09 11:25	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:41	6/4/2009 13:24
EPA 7470A	06/26/09	06/02/09 08:36	6/2/2009 15:10
EPA 8260B	06/12/09	06/05/09 11:45	6/5/2009 18:15

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Client ID:	MW-16S	Lab ID:	C904731-14	Sampled:	05/29/09 08:40	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:41	6/4/2009 13:27
EPA 7470A	06/26/09	06/02/09 08:36	6/2/2009 15:13
EPA 8260B	06/12/09	06/05/09 11:45	6/5/2009 18:44

Client ID:	MW-16D	Lab ID:	C904731-15	Sampled:	05/29/09 08:10	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:41	6/4/2009 13:36
EPA 7470A	06/26/09	06/02/09 08:36	6/2/2009 15:23
EPA 8260B	06/12/09	06/05/09 11:45	6/5/2009 19:14

Client ID:	MW-17	Lab ID:	C904731-16	Sampled:	05/29/09 15:30	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:41	6/4/2009 13:38
EPA 7470A	06/26/09	06/02/09 08:36	6/2/2009 15:28
EPA 8260B	06/12/09	06/05/09 11:45	6/5/2009 19:43

Client ID:	MW-18	Lab ID:	C904731-17	Sampled:	05/29/09 10:00	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:41	6/4/2009 13:41
EPA 7470A	06/26/09	06/02/09 08:36	6/2/2009 15:31
EPA 8260B	06/12/09	06/05/09 11:45	6/5/2009 20:12

Client ID:	SW-1	Lab ID:	C904731-18	Sampled:	05/30/09 08:45	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/26/09	06/02/09 08:41	6/4/2009 13:43
EPA 7470A	06/27/09	06/02/09 08:36	6/2/2009 15:34
EPA 8260B	06/13/09	06/05/09 11:45	6/5/2009 20:40

Client ID:	SW-2	Lab ID:	C904731-19	Sampled:	05/30/09 09:25	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/26/09	06/02/09 08:41	6/4/2009 13:45
EPA 7470A	06/27/09	06/02/09 08:36	6/2/2009 15:37
EPA 8260B	06/13/09	06/05/09 11:45	6/5/2009 21:09

Client ID:	SW-3	Lab ID:	C904731-20	Sampled:	05/30/09 10:00	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/26/09	06/02/09 08:41	6/4/2009 13:47
EPA 7470A	06/27/09	06/02/09 08:36	6/2/2009 15:40
EPA 8260B	06/13/09	06/05/09 11:45	6/5/2009 21:37

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Client ID:	SW-4	Lab ID:	C904731-21	Sampled:	05/30/09 08:15	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/26/09	06/02/09 08:43	6/3/2009 12:21
EPA 7470A	06/27/09	06/02/09 08:35	6/2/2009 15:48
EPA 8260B	06/13/09	06/05/09 11:45	6/5/2009 22:05

Client ID:	DUP	Lab ID:	C904731-22	Sampled:	05/29/09 07:00	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	11/25/09	06/02/09 08:43	6/3/2009 12:11
EPA 7470A	06/26/09	06/02/09 08:35	6/2/2009 16:09
EPA 8260B	06/12/09	06/08/09 12:33	6/8/2009 16:35

Client ID:	TRIP BLANK	Lab ID:	C904731-23	Sampled:	05/26/09 16:00	Received:	06/01/09 11:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	06/09/09	06/03/09 13:00	6/3/2009 17:50

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: MW-1 MS/MSD **Lab ID:** C904731-01

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	4.4	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	3.2		1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	350		1	4.20	10.0	100	ug/L	EPA 6010B	
Benzene	2.4		1	0.20	1.0	1	ug/L	EPA 8260B	
Cadmium - Total	0.17	J	1	0.09	1.00	1	ug/L	EPA 6010B	
Chlorobenzene	0.49	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	9.8	J	1	0.30	1.0	10	ug/L	EPA 8260B	QV-02
cis-1,2-Dichloroethene	10		1	0.36	1.0	5	ug/L	EPA 8260B	
Lead - Total	2.3	J	1	1.6	10.0	10	ug/L	EPA 6010B	
Methylene chloride	1.6		1	0.53	1.0	1	ug/L	EPA 8260B	
Tetrachloroethene	2.4		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	7.2		1	0.38	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	2.7		1	0.30	1.0	1	ug/L	EPA 8260B	

Client ID: MW-2 **Lab ID:** C904731-02

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	76.2	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Cadmium - Total	0.16	J	1	0.09	1.00	1	ug/L	EPA 6010B	

Client ID: MW-3 **Lab ID:** C904731-03

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	0.49	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	18.9	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Cadmium - Total	0.16	J	1	0.09	1.00	1	ug/L	EPA 6010B	
Chlorobenzene	0.47	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Selenium - Total	4.0	J	1	3.4	10.0	10	ug/L	EPA 6010B	

Client ID: MW-4 **Lab ID:** C904731-04

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	2.3	J	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	88.6	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Benzene	1.8		1	0.20	1.0	1	ug/L	EPA 8260B	
Cadmium - Total	0.19	J	1	0.09	1.00	1	ug/L	EPA 6010B	
Chlorobenzene	0.45	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	1.9	J	1	0.30	1.0	10	ug/L	EPA 8260B	QV-02
cis-1,2-Dichloroethene	4.0	J	1	0.36	1.0	5	ug/L	EPA 8260B	
Selenium - Total	3.4	J	1	3.4	10.0	10	ug/L	EPA 6010B	

Client ID: MW-5 **Lab ID:** C904731-05

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	7.7		1	0.33	1.0	5	ug/L	EPA 8260B	
1,2-Dichloropropane	2.7		1	0.20	1.0	1	ug/L	EPA 8260B	
1,4-Dichlorobenzene	1.6		1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	9.87	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Benzene	2.9		1	0.20	1.0	1	ug/L	EPA 8260B	
Cadmium - Total	0.09	J	1	0.09	1.00	1	ug/L	EPA 6010B	
Chloroethane	1.8	J	1	0.30	1.0	10	ug/L	EPA 8260B	QV-02

Client ID: MW-5 **Lab ID: C904731-05**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
cis-1,2-Dichloroethene	11		1	0.36	1.0	5	ug/L	EPA 8260B	
Tetrachloroethene	0.66	J	1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	22		1	0.38	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	0.69	J	1	0.30	1.0	1	ug/L	EPA 8260B	

Client ID: MW-6 **Lab ID: C904731-06**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	43.1	J	1	4.20	10.0	100	ug/L	EPA 6010B	

Client ID: MW-7 **Lab ID: C904731-07**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	13.1	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Cadmium - Total	0.09	J	1	0.09	1.00	1	ug/L	EPA 6010B	
Toluene	30		1	0.27	1.0	1	ug/L	EPA 8260B	

Client ID: MW-8 **Lab ID: C904731-08**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	13.0	J	1	4.20	10.0	100	ug/L	EPA 6010B	

Client ID: MW-9 **Lab ID: C904731-09**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	4.71	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Chromium - Total	1.2	J	1	0.7	10.0	10	ug/L	EPA 6010B	

Client ID: MW-10 **Lab ID: C904731-10**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.3	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium - Total	11.0	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Chromium - Total	0.9	J	1	0.7	10.0	10	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	1.4	J	1	0.36	1.0	5	ug/L	EPA 8260B	
Tetrachloroethene	9.5		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	3.1		1	0.38	1.0	1	ug/L	EPA 8260B	
Trichlorofluoromethane	0.44	J	1	0.28	1.0	1	ug/L	EPA 8260B	

Client ID: MW-12 **Lab ID: C904731-11**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	84.8	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Cadmium - Total	0.24	J	1	0.09	1.00	1	ug/L	EPA 6010B	
Chromium - Total	20.3		1	0.7	10.0	10	ug/L	EPA 6010B	
Lead - Total	16.4		1	1.6	10.0	10	ug/L	EPA 6010B	
Selenium - Total	4.0	J	1	3.4	10.0	10	ug/L	EPA 6010B	
Tetrachloroethene	0.64	J	1	0.36	1.0	1	ug/L	EPA 8260B	

Client ID: MW-14 **Lab ID: C904731-12**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	278		1	4.20	10.0	100	ug/L	EPA 6010B	
Cadmium - Total	0.22	J	1	0.09	1.00	1	ug/L	EPA 6010B	
Chlorobenzene	0.78	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chromium - Total	6.7	J	1	0.7	10.0	10	ug/L	EPA 6010B	
Lead - Total	7.9	J	1	1.6	10.0	10	ug/L	EPA 6010B	

Client ID: MW-14 **Lab ID: C904731-12**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Selenium - Total	3.4	J	1	3.4	10.0	10	ug/L	EPA 6010B	

Client ID: MW-15 **Lab ID: C904731-13**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	2.8	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium - Total	26.7	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Benzene	0.57	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	3.0	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	1.8	J	1	0.36	1.0	5	ug/L	EPA 8260B	
m,p-Xylenes	0.79	J	1	0.48	2.0	NE	ug/L	EPA 8260B	
Selenium - Total	3.5	J	1	3.4	10.0	10	ug/L	EPA 6010B	
Tetrachloroethene	3.1		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	2.4		1	0.38	1.0	1	ug/L	EPA 8260B	
Trichlorofluoromethane	0.76	J	1	0.28	1.0	1	ug/L	EPA 8260B	
Xylenes (Total)	0.79	J	1	0.40	1.0	5	ug/L	EPA 8260B	

Client ID: MW-16S **Lab ID: C904731-14**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	60.6	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Chromium - Total	2.4	J	1	0.7	10.0	10	ug/L	EPA 6010B	
Lead - Total	2.4	J	1	1.6	10.0	10	ug/L	EPA 6010B	

Client ID: MW-16D **Lab ID: C904731-15**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	5.4		1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	0.94	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium - Total	88.1	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Benzene	1.2		1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	1.4	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	5.0		1	0.36	1.0	5	ug/L	EPA 8260B	
Lead - Total	1.7	J	1	1.6	10.0	10	ug/L	EPA 6010B	
o-Xylene	0.40	J	1	0.27	1.0	NE	ug/L	EPA 8260B	
Tetrachloroethene	3.0		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	1.5		1	0.38	1.0	1	ug/L	EPA 8260B	
Trichlorofluoromethane	0.79	J	1	0.28	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	0.53	J	1	0.30	1.0	1	ug/L	EPA 8260B	
Xylenes (Total)	0.40	J	1	0.40	1.0	5	ug/L	EPA 8260B	

Client ID: MW-17 **Lab ID: C904731-16**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	121		1	4.20	10.0	100	ug/L	EPA 6010B	
Cadmium - Total	0.14	J	1	0.09	1.00	1	ug/L	EPA 6010B	
Chromium - Total	5.3	J	1	0.7	10.0	10	ug/L	EPA 6010B	
Lead - Total	7.2	J	1	1.6	10.0	10	ug/L	EPA 6010B	
Selenium - Total	3.8	J	1	3.4	10.0	10	ug/L	EPA 6010B	

Client ID: MW-18 **Lab ID: C904731-17**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	15.9	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Chromium - Total	2.6	J	1	0.7	10.0	10	ug/L	EPA 6010B	
Lead - Total	2.3	J	1	1.6	10.0	10	ug/L	EPA 6010B	

Client ID: SW-1 **Lab ID:** C904731-18

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	25.9	J	1	4.20	10.0	100	ug/L	EPA 6010B	

Client ID: SW-2 **Lab ID:** C904731-19

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	27.8	J	1	4.20	10.0	100	ug/L	EPA 6010B	

Client ID: SW-3 **Lab ID:** C904731-20

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	56.0	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Chromium - Total	1.5	J	1	0.7	10.0	10	ug/L	EPA 6010B	

Client ID: SW-4 **Lab ID:** C904731-21

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	25.5	J	1	4.20	10.0	100	ug/L	EPA 6010B	

Client ID: DUP **Lab ID:** C904731-22

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	3.8	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium - Total	86.7	J	1	4.20	10.0	100	ug/L	EPA 6010B	
Benzene	0.76	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	0.94	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	3.4	J	1	0.36	1.0	5	ug/L	EPA 8260B	
Lead - Total	1.7	J	1	1.6	10.0	10	ug/L	EPA 6010B	
Tetrachloroethene	0.61	J	1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	0.50	J	1	0.38	1.0	1	ug/L	EPA 8260B	

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ANALYTICAL RESULTS

Description: MW-1 MS/MSD
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-01
Sampled: 05/29/09 12:20
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 02:59	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 02:59	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
1,1-Dichloroethane [75-34-3] ^	**4.4**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 02:59	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 02:59	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 02:59	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 02:59	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**3.2**		ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 02:59	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 02:59	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 02:59	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 02:59	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 02:59	JKG	
Benzene [71-43-2] ^	**2.4**		ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 02:59	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 02:59	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 02:59	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 02:59	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Chlorobenzene [108-90-7] ^	**0.49**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 02:59	JKG	
Chloroethane [75-00-3] ^	**9.8**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 02:59	JKG	QV-02
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 02:59	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**10**		ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 02:59	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 02:59	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 02:59	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 02:59	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 02:59	JKG	
Methylene chloride [75-09-2] ^	**1.6**		ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 02:59	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Tetrachloroethene [127-18-4] ^	**2.4**		ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 02:59	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 02:59	JKG	

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Description:	MW-1 MS/MSD	**Lab Sample ID:**	C904731-01	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 12:20	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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] ^	**7.2**		ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	5.0	50	EPA 8260B	06/05/09 02:59	JKG	
Vinyl chloride [75-01-4] ^	**2.7**		ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 02:59	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 02:59	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*100 %*	*51-122*	*9F04032*	*EPA 8260B*	*06/05/09 02:59*	*JKG*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*68-117*	*9F04032*	*EPA 8260B*	*06/05/09 02:59*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*69-110*	*9F04032*	*EPA 8260B*	*06/05/09 02:59*	*JKG*	

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Description:	MW-1 MS/MSD	**Lab Sample ID:**	C904731-01	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 12:20	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 12:41	JDH	
Barium [7440-39-3] ^	**350**		ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 12:41	JDH	
Cadmium [7440-43-9] ^	**0.17**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 12:41	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 12:41	JDH	
Lead [7439-92-1] ^	**2.3**	J	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 12:41	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:17	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 12:41	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 12:41	JDH	

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Description: MW-2
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-02
Sampled: 05/28/09 15:00
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 03:28	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 03:28	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 03:28	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 03:28	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 03:28	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 03:28	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 03:28	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 03:28	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 03:28	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 03:28	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 03:28	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 03:28	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 03:28	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 03:28	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 03:28	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 03:28	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 03:28	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 03:28	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 03:28	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 03:28	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 03:28	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 03:28	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 03:28	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 03:28	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 03:28	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 03:28	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 03:28	JKG	

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Description:	MW-2	**Lab Sample ID:**	C904731-02	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 15:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 03:28	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 03:28	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 03:28	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*103 %*	*51-122*	*9F04032*	*EPA 8260B*	*06/05/09 03:28*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*101 %*	*68-117*	*9F04032*	*EPA 8260B*	*06/05/09 03:28*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*69-110*	*9F04032*	*EPA 8260B*	*06/05/09 03:28*	*JKG*	

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Description:	MW-2	**Lab Sample ID:**	C904731-02	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 15:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 12:51	JDH	
Barium [7440-39-3] ^	**76.2**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 12:51	JDH	
Cadmium [7440-43-9] ^	**0.16**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 12:51	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 12:51	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 12:51	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:32	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 12:51	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 12:51	JDH	

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Description: MW-3
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-03
Sampled: 05/28/09 16:00
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 04:27	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 04:27	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 04:27	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 04:27	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 04:27	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 04:27	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.49**	J	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 04:27	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 04:27	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 04:27	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 04:27	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 04:27	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 04:27	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 04:27	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 04:27	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 04:27	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Chlorobenzene [108-90-7] ^	**0.47**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 04:27	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 04:27	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 04:27	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 04:27	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 04:27	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 04:27	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 04:27	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 04:27	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 04:27	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 04:27	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 04:27	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 04:27	JKG	

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Description:	MW-3	**Lab Sample ID:**	C904731-03	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 16:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 04:27	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 04:27	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 04:27	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*51-122*	*9F04032*	*EPA 8260B*	*06/05/09 04:27*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*101 %*	*68-117*	*9F04032*	*EPA 8260B*	*06/05/09 04:27*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*93 %*	*69-110*	*9F04032*	*EPA 8260B*	*06/05/09 04:27*	*JKG*	

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Description:	MW-3	**Lab Sample ID:**	C904731-03	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 16:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 12:53	JDH	
Barium [7440-39-3] ^	**18.9**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 12:53	JDH	
Cadmium [7440-43-9] ^	**0.16**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 12:53	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 12:53	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 12:53	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:35	NLH	
Selenium [7782-49-2] ^	**4.0**	J	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 12:53	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 12:53	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: MW-4
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-04
Sampled: 05/28/09 09:40
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 04:57	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 04:57	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
1,1-Dichloroethane [75-34-3] ^	**2.3**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 04:57	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 04:57	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 04:57	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 04:57	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**1.3**		ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 04:57	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 04:57	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 04:57	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 04:57	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 04:57	JKG	
Benzene [71-43-2] ^	**1.8**		ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 04:57	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 04:57	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 04:57	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 04:57	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Chlorobenzene [108-90-7] ^	**0.45**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 04:57	JKG	
Chloroethane [75-00-3] ^	**1.9**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 04:57	JKG	QV-02
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 04:57	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**4.0**	J	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 04:57	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 04:57	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 04:57	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 04:57	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 04:57	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 04:57	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 04:57	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 04:57	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 04:57	JKG	

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Description:	MW-4	**Lab Sample ID:**	C904731-04	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 09:40	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 04:57	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 04:57	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 04:57	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*103 %*	*51-122*	*9F04032*	*EPA 8260B*	*06/05/09 04:57*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*99 %*	*68-117*	*9F04032*	*EPA 8260B*	*06/05/09 04:57*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*93 %*	*69-110*	*9F04032*	*EPA 8260B*	*06/05/09 04:57*	*JKG*	

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Description:	MW-4	**Lab Sample ID:**	C904731-04	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 09:40	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 12:56	JDH	
Barium [7440-39-3] ^	**88.6**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 12:56	JDH	
Cadmium [7440-43-9] ^	**0.19**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 12:56	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 12:56	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 12:56	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:39	NLH	
Selenium [7782-49-2] ^	**3.4**	J	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 12:56	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 12:56	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: MW-5
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-05
Sampled: 05/29/09 13:50
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 03:58	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 03:58	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
1,1-Dichloroethane [75-34-3] ^	**7.7**		ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 03:58	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 03:58	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 03:58	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 03:58	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
1,2-Dichloropropane [78-87-5] ^	**2.7**		ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**1.6**		ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 03:58	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 03:58	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 03:58	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 03:58	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 03:58	JKG	
Benzene [71-43-2] ^	**2.9**		ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 03:58	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 03:58	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 03:58	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 03:58	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 03:58	JKG	
Chloroethane [75-00-3] ^	**1.8**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 03:58	JKG	QV-02
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 03:58	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**11**		ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 03:58	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 03:58	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 03:58	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 03:58	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 03:58	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 03:58	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Tetrachloroethene [127-18-4] ^	**0.66**	J	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 03:58	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 03:58	JKG	
Trichloroethene [79-01-6] ^	**22**		ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 03:58	JKG	

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Description:	MW-5	**Lab Sample ID:**	C904731-05	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 13:50	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 03:58	JKG	
Vinyl chloride [75-01-4] ^	**0.69**	J	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 03:58	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 03:58	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*103 %*	*51-122*	*9F04032*	*EPA 8260B*	*06/05/09 03:58*	*JKG*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*68-117*	*9F04032*	*EPA 8260B*	*06/05/09 03:58*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*69-110*	*9F04032*	*EPA 8260B*	*06/05/09 03:58*	*JKG*	

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Description:	MW-5	**Lab Sample ID:**	C904731-05	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 13:50	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:06	JDH	
Barium [7440-39-3] ^	**9.87**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:06	JDH	
Cadmium [7440-43-9] ^	**0.09**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:06	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:06	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:06	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:48	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:06	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:06	JDH	

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Description: MW-6
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-06
Sampled: 05/28/09 11:40
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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

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Description:	MW-6	**Lab Sample ID:**	C904731-06	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 11:40	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 15:19	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 15:19	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 15:19	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 15:19*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 15:19*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 15:19*	*JKG*	

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Description:	MW-6	**Lab Sample ID:**	C904731-06	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 11:40	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:08	JDH	
Barium [7440-39-3] ^	**43.1**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:08	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:08	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:08	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:08	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:51	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:08	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:08	JDH	

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Description: MW-7
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-07
Sampled: 05/28/09 10:40
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 15:48	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 15:48	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 15:48	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 15:48	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 15:48	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 15:48	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 15:48	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 15:48	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 15:48	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 15:48	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 15:48	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 15:48	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 15:48	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 15:48	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 15:48	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 15:48	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 15:48	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 15:48	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 15:48	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 15:48	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 15:48	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 15:48	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 15:48	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 15:48	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Toluene [108-88-3] ^	**30**		ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 15:48	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 15:48	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 15:48	JKG	

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Description:	MW-7	**Lab Sample ID:**	C904731-07	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 10:40	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 15:48	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 15:48	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 15:48	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 15:48*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*93 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 15:48*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*99 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 15:48*	*JKG*	

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Description:	MW-7	**Lab Sample ID:**	C904731-07	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 10:40	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:10	JDH	
Barium [7440-39-3] ^	**13.1**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:10	JDH	
Cadmium [7440-43-9] ^	**0.09**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:10	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:10	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:10	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:53	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:10	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:10	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: MW-8
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-08
Sampled: 05/28/09 13:50
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 16:17	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 16:17	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 16:17	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 16:17	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 16:17	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 16:17	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 16:17	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 16:17	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 16:17	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 16:17	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 16:17	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 16:17	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 16:17	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 16:17	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 16:17	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 16:17	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 16:17	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 16:17	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 16:17	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 16:17	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 16:17	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 16:17	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 16:17	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 16:17	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 16:17	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 16:17	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 16:17	JKG	

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Description:	MW-8	**Lab Sample ID:**	C904731-08	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 13:50	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 16:17	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 16:17	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 16:17	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*99 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 16:17*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 16:17*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*95 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 16:17*	*JKG*	

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Description:	MW-8	**Lab Sample ID:**	C904731-08	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 13:50	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:13	JDH	
Barium [7440-39-3] ^	**13.0**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:13	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:13	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:13	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:13	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:56	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:13	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:13	JDH	

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Description: MW-9
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-09
Sampled: 05/28/09 12:50
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 16:46	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 16:46	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 16:46	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 16:46	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 16:46	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 16:46	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 16:46	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 16:46	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 16:46	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 16:46	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 16:46	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 16:46	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 16:46	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 16:46	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 16:46	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 16:46	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 16:46	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 16:46	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 16:46	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 16:46	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 16:46	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 16:46	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 16:46	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 16:46	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 16:46	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 16:46	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 16:46	JKG	

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Description:	MW-9	**Lab Sample ID:**	C904731-09	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 12:50	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 16:46	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 16:46	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 16:46	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 16:46*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 16:46*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*95 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 16:46*	*JKG*	

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Description:	MW-9	**Lab Sample ID:**	C904731-09	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 12:50	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:15	JDH	
Barium [7440-39-3] ^	**4.71**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:15	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:15	JDH	
Chromium [7440-47-3] ^	**1.2**	J	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:15	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:15	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 14:59	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:15	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:15	JDH	

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Description: MW-10
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-10
Sampled: 05/29/09 14:50
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 17:16	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 17:16	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
1,1-Dichloroethane [75-34-3] ^	**1.3**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 17:16	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 17:16	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 17:16	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 17:16	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 17:16	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 17:16	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 17:16	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 17:16	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 17:16	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 17:16	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 17:16	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 17:16	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 17:16	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 17:16	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 17:16	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 17:16	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**1.4**	J	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 17:16	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 17:16	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 17:16	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 17:16	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 17:16	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 17:16	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Tetrachloroethene [127-18-4] ^	**9.5**		ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 17:16	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 17:16	JKG	
Trichloroethene [79-01-6] ^	**3.1**		ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Trichlorofluoromethane [75-69-4] ^	**0.44**	J	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 17:16	JKG	

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Description:	MW-10	**Lab Sample ID:**	C904731-10	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 14:50	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 17:16	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 17:16	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 17:16	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*99 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 17:16*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 17:16*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*97 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 17:16*	*JKG*	

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Description:	MW-10	**Lab Sample ID:**	C904731-10	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 14:50	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:17	JDH	
Barium [7440-39-3] ^	**11.0**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:17	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:17	JDH	
Chromium [7440-47-3] ^	**0.9**	J	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:17	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:17	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:01	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:17	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:17	JDH	

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Description: MW-12
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-11
Sampled: 05/26/09 16:00
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/03/09 19:21	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/03/09 19:21	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/03/09 19:21	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/03/09 19:21	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/03/09 19:21	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/03/09 19:21	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/03/09 19:21	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/03/09 19:21	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/03/09 19:21	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/03/09 19:21	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/03/09 19:21	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/03/09 19:21	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/03/09 19:21	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/03/09 19:21	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/03/09 19:21	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/03/09 19:21	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/03/09 19:21	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/03/09 19:21	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/03/09 19:21	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/03/09 19:21	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/03/09 19:21	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/03/09 19:21	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/03/09 19:21	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/03/09 19:21	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Tetrachloroethene [127-18-4] ^	**0.64**	J	ug/L	1	0.36	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/03/09 19:21	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/03/09 19:21	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/03/09 19:21	JKG	

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Description:	MW-12	**Lab Sample ID:**	C904731-11	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/26/09 16:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/03/09 19:21	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/03/09 19:21	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/03/09 19:21	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*51-122*	*9F03024*	*EPA 8260B*	*06/03/09 19:21*	*JKG*	
Dibromofluoromethane	*52*	*1*	*50.0*	*104 %*	*68-117*	*9F03024*	*EPA 8260B*	*06/03/09 19:21*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*69-110*	*9F03024*	*EPA 8260B*	*06/03/09 19:21*	*JKG*	

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Description:	MW-12	**Lab Sample ID:**	C904731-11	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/26/09 16:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:19	JDH	
Barium [7440-39-3] ^	**84.8**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:19	JDH	
Cadmium [7440-43-9] ^	**0.24**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:19	JDH	
Chromium [7440-47-3] ^	**20.3**		ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:19	JDH	
Lead [7439-92-1] ^	**16.4**		ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:19	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:04	NLH	
Selenium [7782-49-2] ^	**4.0**	J	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:19	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:19	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: MW-14
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-12
Sampled: 05/28/09 16:55
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 17:45	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 17:45	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 17:45	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 17:45	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 17:45	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 17:45	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 17:45	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 17:45	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 17:45	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 17:45	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 17:45	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 17:45	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 17:45	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 17:45	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 17:45	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Chlorobenzene [108-90-7] ^	**0.78**	J	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 17:45	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 17:45	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 17:45	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 17:45	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 17:45	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 17:45	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 17:45	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 17:45	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 17:45	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 17:45	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 17:45	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 17:45	JKG	

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Description:	MW-14	**Lab Sample ID:**	C904731-12	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 16:55	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 17:45	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 17:45	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 17:45	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 17:45*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*95 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 17:45*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 17:45*	*JKG*	

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Description:	MW-14	**Lab Sample ID:**	C904731-12	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/28/09 16:55	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:22	JDH	
Barium [7440-39-3] ^	**278**		ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:22	JDH	
Cadmium [7440-43-9] ^	**0.22**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:22	JDH	
Chromium [7440-47-3] ^	**6.7**	J	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:22	JDH	
Lead [7439-92-1] ^	**7.9**	J	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:22	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:07	NLH	
Selenium [7782-49-2] ^	**3.4**	J	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:22	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:22	JDH	

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Description: MW-15
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-13
Sampled: 05/29/09 11:25
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 18:15	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 18:15	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
1,1-Dichloroethane [75-34-3] ^	**2.8**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 18:15	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 18:15	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 18:15	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 18:15	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 18:15	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 18:15	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 18:15	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 18:15	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 18:15	JKG	
Benzene [71-43-2] ^	**0.57**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 18:15	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 18:15	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 18:15	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 18:15	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 18:15	JKG	
Chloroethane [75-00-3] ^	**3.0**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 18:15	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 18:15	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**1.8**	J	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 18:15	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 18:15	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 18:15	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 18:15	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.79**	J	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 18:15	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 18:15	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Tetrachloroethene [127-18-4] ^	**3.1**		ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 18:15	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 18:15	JKG	
Trichloroethene [79-01-6] ^	**2.4**		ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Trichlorofluoromethane [75-69-4] ^	**0.76**	J	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 18:15	JKG	

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Description:	MW-15	**Lab Sample ID:**	C904731-13	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 11:25	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 18:15	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 18:15	JKG	
Xylenes (Total) [1330-20-7] ^	**0.79**	J	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 18:15	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*97 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 18:15*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*91 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 18:15*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 18:15*	*JKG*	

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Description:	MW-15	**Lab Sample ID:**	C904731-13	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 11:25	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:24	JDH	
Barium [7440-39-3] ^	**26.7**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:24	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:24	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:24	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:24	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:10	NLH	
Selenium [7782-49-2] ^	**3.5**	J	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:24	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:24	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: MW-16S
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-14
Sampled: 05/29/09 08:40
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 18:44	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 18:44	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 18:44	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 18:44	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 18:44	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 18:44	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 18:44	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 18:44	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 18:44	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 18:44	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 18:44	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 18:44	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 18:44	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 18:44	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 18:44	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 18:44	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 18:44	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 18:44	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 18:44	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 18:44	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 18:44	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 18:44	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 18:44	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 18:44	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 18:44	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 18:44	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 18:44	JKG	

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Description:	MW-16S	**Lab Sample ID:**	C904731-14	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 08:40	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 18:44	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 18:44	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 18:44	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 18:44*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 18:44*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*97 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 18:44*	*JKG*	

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Description:	MW-16S	**Lab Sample ID:**	C904731-14	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 08:40	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:27	JDH	
Barium [7440-39-3] ^	**60.6**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:27	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:27	JDH	
Chromium [7440-47-3] ^	**2.4**	J	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:27	JDH	
Lead [7439-92-1] ^	**2.4**	J	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:27	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:13	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:27	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:27	JDH	

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Description: MW-16D
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-15
Sampled: 05/29/09 08:10
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 19:14	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 19:14	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
1,1-Dichloroethane [75-34-3] ^	**5.4**		ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 19:14	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 19:14	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 19:14	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 19:14	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.94**	J	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 19:14	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 19:14	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 19:14	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 19:14	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 19:14	JKG	
Benzene [71-43-2] ^	**1.2**		ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 19:14	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 19:14	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 19:14	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 19:14	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 19:14	JKG	
Chloroethane [75-00-3] ^	**1.4**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 19:14	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 19:14	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**5.0**		ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 19:14	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 19:14	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 19:14	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 19:14	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 19:14	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
o-Xylene [95-47-6] ^	**0.40**	J	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 19:14	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Tetrachloroethene [127-18-4] ^	**3.0**		ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 19:14	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 19:14	JKG	
Trichloroethene [79-01-6] ^	**1.5**		ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Trichlorofluoromethane [75-69-4] ^	**0.79**	J	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 19:14	JKG	

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Description:	MW-16D	**Lab Sample ID:**	C904731-15	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 08:10	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 19:14	JKG	
Vinyl chloride [75-01-4] ^	**0.53**	J	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 19:14	JKG	
Xylenes (Total) [1330-20-7] ^	**0.40**	J	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 19:14	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 19:14*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 19:14*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 19:14*	*JKG*	

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Description:	MW-16D	**Lab Sample ID:**	C904731-15	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 08:10	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:36	JDH	
Barium [7440-39-3] ^	**88.1**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:36	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:36	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:36	JDH	
Lead [7439-92-1] ^	**1.7**	J	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:36	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:23	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:36	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:36	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: MW-17
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-16
Sampled: 05/29/09 15:30
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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

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Description:	MW-17	**Lab Sample ID:**	C904731-16	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 15:30	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 19:43	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 19:43	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 19:43	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*97 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 19:43*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 19:43*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*97 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 19:43*	*JKG*	

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Description: MW-17
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-16
Sampled: 05/29/09 15:30
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:38	JDH	
Barium [7440-39-3] ^	**121**		ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:38	JDH	
Cadmium [7440-43-9] ^	**0.14**	J	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:38	JDH	
Chromium [7440-47-3] ^	**5.3**	J	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:38	JDH	
Lead [7439-92-1] ^	**7.2**	J	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:38	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:28	NLH	
Selenium [7782-49-2] ^	**3.8**	J	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:38	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:38	JDH	

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Description: MW-18
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-17
Sampled: 05/29/09 10:00
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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

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Description:	MW-18	**Lab Sample ID:**	C904731-17	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 10:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 20:12	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 20:12	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 20:12	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 20:12*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 20:12*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*97 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 20:12*	*JKG*	

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Description:	MW-18	**Lab Sample ID:**	C904731-17	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 10:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:41	JDH	
Barium [7440-39-3] ^	**15.9**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:41	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:41	JDH	
Chromium [7440-47-3] ^	**2.6**	J	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:41	JDH	
Lead [7439-92-1] ^	**2.3**	J	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:41	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:31	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:41	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:41	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: SW-1
Matrix: Surface Water
Project: Davie County Landfill

Lab Sample ID: C904731-18
Sampled: 05/30/09 08:45
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 20:40	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 20:40	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 20:40	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 20:40	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 20:40	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 20:40	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 20:40	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 20:40	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 20:40	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 20:40	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 20:40	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 20:40	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 20:40	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 20:40	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 20:40	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 20:40	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 20:40	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 20:40	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 20:40	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 20:40	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 20:40	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 20:40	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 20:40	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 20:40	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 20:40	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 20:40	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 20:40	JKG	

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Description:	SW-1	**Lab Sample ID:**	C904731-18	**Received:**	06/01/09 11:30
Matrix:	Surface Water	**Sampled:**	05/30/09 08:45	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 20:40	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 20:40	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 20:40	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 20:40*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 20:40*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 20:40*	*JKG*	

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Description:	SW-1	**Lab Sample ID:**	C904731-18	**Received:**	06/01/09 11:30
Matrix:	Surface Water	**Sampled:**	05/30/09 08:45	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:43	JDH	
Barium [7440-39-3] ^	**25.9**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:43	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:43	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:43	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:43	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:34	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:43	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:43	JDH	

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Description: SW-2
Matrix: Surface Water
Project: Davie County Landfill

Lab Sample ID: C904731-19
Sampled: 05/30/09 09:25
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 21:09	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 21:09	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 21:09	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 21:09	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 21:09	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 21:09	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 21:09	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 21:09	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 21:09	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 21:09	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 21:09	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 21:09	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 21:09	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 21:09	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 21:09	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 21:09	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 21:09	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 21:09	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 21:09	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 21:09	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 21:09	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 21:09	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 21:09	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 21:09	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 21:09	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 21:09	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 21:09	JKG	

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Description:	SW-2	**Lab Sample ID:**	C904731-19	**Received:**	06/01/09 11:30
Matrix:	Surface Water	**Sampled:**	05/30/09 09:25	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 21:09	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 21:09	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 21:09	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 21:09*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*93 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 21:09*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 21:09*	*JKG*	

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Description:	SW-2	**Lab Sample ID:**	C904731-19	**Received:**	06/01/09 11:30
Matrix:	Surface Water	**Sampled:**	05/30/09 09:25	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:45	JDH	
Barium [7440-39-3] ^	**27.8**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:45	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:45	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:45	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:45	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:37	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:45	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:45	JDH	

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Description: SW-3
Matrix: Surface Water
Project: Davie County Landfill

Lab Sample ID: C904731-20
Sampled: 05/30/09 10:00
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 21:37	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 21:37	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 21:37	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 21:37	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 21:37	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 21:37	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 21:37	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 21:37	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 21:37	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 21:37	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 21:37	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 21:37	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 21:37	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 21:37	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 21:37	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 21:37	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 21:37	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 21:37	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 21:37	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 21:37	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 21:37	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 21:37	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 21:37	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 21:37	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 21:37	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 21:37	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 21:37	JKG	

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Description:	SW-3	**Lab Sample ID:**	C904731-20	**Received:**	06/01/09 11:30
Matrix:	Surface Water	**Sampled:**	05/30/09 10:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 21:37	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 21:37	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 21:37	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 21:37*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 21:37*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*95 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 21:37*	*JKG*	

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Description:	SW-3	**Lab Sample ID:**	C904731-20	**Received:**	06/01/09 11:30
Matrix:	Surface Water	**Sampled:**	05/30/09 10:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/04/09 13:47	JDH	
Barium [7440-39-3] ^	**56.0**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/04/09 13:47	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/04/09 13:47	JDH	
Chromium [7440-47-3] ^	**1.5**	J	ug/L	1	0.7	10.0	10	EPA 6010B	06/04/09 13:47	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/04/09 13:47	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:40	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/04/09 13:47	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/04/09 13:47	JDH	

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Description: SW-4
Matrix: Surface Water
Project: Davie County Landfill

Lab Sample ID: C904731-21
Sampled: 05/30/09 08:15
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/05/09 22:05	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/05/09 22:05	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/05/09 22:05	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/05/09 22:05	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/05/09 22:05	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/05/09 22:05	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/05/09 22:05	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/05/09 22:05	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/05/09 22:05	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/05/09 22:05	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/05/09 22:05	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/05/09 22:05	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/05/09 22:05	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/05/09 22:05	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/05/09 22:05	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/05/09 22:05	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/05/09 22:05	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/05/09 22:05	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/05/09 22:05	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/05/09 22:05	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/05/09 22:05	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/05/09 22:05	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/05/09 22:05	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/05/09 22:05	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/05/09 22:05	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/05/09 22:05	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/05/09 22:05	JKG	

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Description:	SW-4	**Lab Sample ID:**	C904731-21	**Received:**	06/01/09 11:30
Matrix:	Surface Water	**Sampled:**	05/30/09 08:15	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/05/09 22:05	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/05/09 22:05	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/05/09 22:05	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*51-122*	*9F05022*	*EPA 8260B*	*06/05/09 22:05*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*68-117*	*9F05022*	*EPA 8260B*	*06/05/09 22:05*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*69-110*	*9F05022*	*EPA 8260B*	*06/05/09 22:05*	*JKG*	

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Description:	SW-4	**Lab Sample ID:**	C904731-21	**Received:**	06/01/09 11:30
Matrix:	Surface Water	**Sampled:**	05/30/09 08:15	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/03/09 12:21	JDH	
Barium [7440-39-3] ^	**25.5**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/03/09 12:21	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/03/09 12:21	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/03/09 12:21	JDH	
Lead [7439-92-1] ^	1.6	U	ug/L	1	1.6	10.0	10	EPA 6010B	06/03/09 12:21	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 15:48	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/03/09 12:21	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/03/09 12:21	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: DUP
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C904731-22
Sampled: 05/29/09 07:00
Sampled By: Client

Received: 06/01/09 11:30
Work Order: C904731

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	06/08/09 16:35	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/08/09 16:35	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
1,1-Dichloroethane [75-34-3] ^	**3.8**	J	ug/L	1	0.33	1.0	5	EPA 8260B	06/08/09 16:35	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/08/09 16:35	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/08/09 16:35	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/08/09 16:35	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/08/09 16:35	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/08/09 16:35	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/08/09 16:35	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/08/09 16:35	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/08/09 16:35	JKG	
Benzene [71-43-2] ^	**0.76**	J	ug/L	1	0.20	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/08/09 16:35	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/08/09 16:35	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/08/09 16:35	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/08/09 16:35	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/08/09 16:35	JKG	
Chloroethane [75-00-3] ^	**0.94**	J	ug/L	1	0.30	1.0	10	EPA 8260B	06/08/09 16:35	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/08/09 16:35	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**3.4**	J	ug/L	1	0.36	1.0	5	EPA 8260B	06/08/09 16:35	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/08/09 16:35	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/08/09 16:35	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/08/09 16:35	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/08/09 16:35	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/08/09 16:35	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Tetrachloroethene [127-18-4] ^	**0.61**	J	ug/L	1	0.36	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/08/09 16:35	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/08/09 16:35	JKG	
Trichloroethene [79-01-6] ^	**0.50**	J	ug/L	1	0.38	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/08/09 16:35	JKG	

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Description:	DUP	**Lab Sample ID:**	C904731-22	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 07:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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	06/08/09 16:35	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/08/09 16:35	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/08/09 16:35	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*51-122*	*9F08023*	*EPA 8260B*	*06/08/09 16:35*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*68-117*	*9F08023*	*EPA 8260B*	*06/08/09 16:35*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*69-110*	*9F08023*	*EPA 8260B*	*06/08/09 16:35*	*JKG*	

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Description:	DUP	**Lab Sample ID:**	C904731-22	**Received:**	06/01/09 11:30
Matrix:	Ground Water	**Sampled:**	05/29/09 07:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	Client		

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
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	06/03/09 12:11	JDH	
Barium [7440-39-3] ^	**86.7**	J	ug/L	1	4.20	10.0	100	EPA 6010B	06/03/09 12:11	JDH	
Cadmium [7440-43-9] ^	0.09	U	ug/L	1	0.09	1.00	1	EPA 6010B	06/03/09 12:11	JDH	
Chromium [7440-47-3] ^	0.7	U	ug/L	1	0.7	10.0	10	EPA 6010B	06/03/09 12:11	JDH	
Lead [7439-92-1] ^	**1.7**	J	ug/L	1	1.6	10.0	10	EPA 6010B	06/03/09 12:11	JDH	
Mercury [7439-97-6] ^	0.05	U	ug/L	1	0.05	0.20	0.2	EPA 7470A	06/02/09 16:09	NLH	
Selenium [7782-49-2] ^	3.4	U	ug/L	1	3.4	10.0	10	EPA 6010B	06/03/09 12:11	JDH	
Silver [7440-22-4] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	06/03/09 12:11	JDH	

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Description: TRIP BLANK
Matrix: Water
Project: Davie County Landfill

Lab Sample ID: C904731-23
Sampled: 05/26/09 16:00
Sampled By: ENCO

Received: 06/01/09 11:30
Work Order: C904731

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	06/03/09 17:50	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	06/03/09 17:50	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	06/03/09 17:50	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	06/03/09 17:50	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	06/03/09 17:50	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	06/03/09 17:50	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	06/03/09 17:50	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	06/03/09 17:50	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	06/03/09 17:50	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	06/03/09 17:50	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	10	200	EPA 8260B	06/03/09 17:50	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	06/03/09 17:50	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	06/03/09 17:50	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	06/03/09 17:50	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	06/03/09 17:50	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	06/03/09 17:50	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	06/03/09 17:50	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	06/03/09 17:50	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	06/03/09 17:50	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	06/03/09 17:50	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	06/03/09 17:50	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	5.0	10	EPA 8260B	06/03/09 17:50	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	06/03/09 17:50	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	06/03/09 17:50	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	06/03/09 17:50	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	06/03/09 17:50	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	06/03/09 17:50	JKG	

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Description:	TRIP BLANK	**Lab Sample ID:**	C904731-23	**Received:**	06/01/09 11:30
Matrix:	Water	**Sampled:**	05/26/09 16:00	**Work Order:**	C904731
Project:	Davie County Landfill	**Sampled By:**	ENCO		

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	06/03/09 17:50	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	06/03/09 17:50	JKG	
Xylenes (Total) [1330-20-7] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	06/03/09 17:50	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*100 %*	*51-122*	*9F03024*	*EPA 8260B*	*06/03/09 17:50*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*101 %*	*68-117*	*9F03024*	*EPA 8260B*	*06/03/09 17:50*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*69-110*	*9F03024*	*EPA 8260B*	*06/03/09 17:50*	*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 9F03024 - EPA 5030B_MS

Blank (9F03024-BLK1) Prepared: 06/03/2009 13:00 Analyzed: 06/03/2009 13:33

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							
Methylene chloride	0.53	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							
Surrogate: 4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*51-122*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9F03024 - EPA 5030B_MS

Blank (9F03024-BLK1) Continued Prepared: 06/03/2009 13:00 Analyzed: 06/03/2009 13:33

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*103*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*95*	*69-110*			

LCS (9F03024-BS1) Prepared: 06/03/2009 13:00 Analyzed: 06/03/2009 14:36

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		119	75-133			
Benzene	21		1.0	ug/L	20.0		104	81-134			
Chlorobenzene	21		1.0	ug/L	20.0		103	83-117			
Toluene	20		1.0	ug/L	20.0		102	71-118			
Trichloroethene	20		1.0	ug/L	20.0		98	75-115			
Surrogate: 4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*107*	*51-122*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*101*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*95*	*69-110*			

Matrix Spike (9F03024-MS1) Prepared: 06/03/2009 13:00 Analyzed: 06/03/2009 15:18

Source: C905300-03

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	20		1.0	ug/L	20.0	0.20 U	99	81-134			
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	99	83-117			
Toluene	19		1.0	ug/L	20.0	0.27 U	97	71-118			
Trichloroethene	19		1.0	ug/L	20.0	0.38 U	94	75-115			
Surrogate: 4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*101*	*51-122*			
Surrogate: Dibromofluoromethane	*49*			*ug/L*	*50.0*		*98*	*68-117*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*69-110*			

Matrix Spike Dup (9F03024-MSD1) Prepared: 06/03/2009 13:00 Analyzed: 06/03/2009 15:49

Source: C905300-03

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	122	75-133	7	20	
Benzene	22		1.0	ug/L	20.0	0.20 U	108	81-134	9	17	
Chlorobenzene	22		1.0	ug/L	20.0	0.27 U	108	83-117	9	16	
Toluene	22		1.0	ug/L	20.0	0.27 U	109	71-118	11	17	
Trichloroethene	21		1.0	ug/L	20.0	0.38 U	103	75-115	10	18	
Surrogate: 4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*51-122*			
Surrogate: Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*68-117*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*69-110*			

Batch 9F04032 - EPA 5030B_MS

Blank (9F04032-BLK1) Prepared: 06/04/2009 14:47 Analyzed: 06/05/2009 00:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9F04032 - EPA 5030B_MS

Blank (9F04032-BLK1) Continued Prepared: 06/04/2009 14:47 Analyzed: 06/05/2009 00:31

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							
Methylene chloride	0.53	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							
Surrogate: 4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*51-122*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9F04032 - EPA 5030B_MS

Blank (9F04032-BLK1) Continued Prepared: 06/04/2009 14:47 Analyzed: 06/05/2009 00:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*68-117*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*93*	*69-110*			

LCS (9F04032-BS1) Prepared: 06/04/2009 14:47 Analyzed: 06/05/2009 01:00

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		108	75-133			
Benzene	19		1.0	ug/L	20.0		93	81-134			
Chlorobenzene	20		1.0	ug/L	20.0		100	83-117			
Toluene	18		1.0	ug/L	20.0		92	71-118			
Trichloroethene	20		1.0	ug/L	20.0		99	75-115			
Surrogate: 4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*109*	*51-122*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*68-117*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*69-110*			

Matrix Spike (9F04032-MS1) Prepared: 06/04/2009 14:47 Analyzed: 06/05/2009 01:30

Source: C904731-01

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			
Benzene	23		1.0	ug/L	20.0	2.4	103	81-134			
Chlorobenzene	23		1.0	ug/L	20.0	0.49	114	83-117			
Toluene	21		1.0	ug/L	20.0	0.27 U	104	71-118			
Trichloroethene	30		1.0	ug/L	20.0	7.2	113	75-115			
Surrogate: 4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*107*	*51-122*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*101*	*68-117*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*69-110*			

Matrix Spike Dup (9F04032-MSD1) Prepared: 06/04/2009 14:47 Analyzed: 06/05/2009 02:00

Source: C904731-01

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	8	20	
Benzene	22		1.0	ug/L	20.0	2.4	100	81-134	3	17	
Chlorobenzene	22		1.0	ug/L	20.0	0.49	109	83-117	4	16	
Toluene	20		1.0	ug/L	20.0	0.27 U	102	71-118	1	17	
Trichloroethene	29		1.0	ug/L	20.0	7.2	109	75-115	2	18	
Surrogate: 4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*51-122*			
Surrogate: Dibromofluoromethane	*49*			*ug/L*	*50.0*		*99*	*68-117*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*93*	*69-110*			

Batch 9F05022 - EPA 5030B_MS

Blank (9F05022-BLK1) Prepared: 06/05/2009 11:45 Analyzed: 06/05/2009 12:24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9F05022 - EPA 5030B_MS

Blank (9F05022-BLK1) Continued Prepared: 06/05/2009 11:45 Analyzed: 06/05/2009 12:24

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							
Methylene chloride	0.53	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							
Surrogate: 4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*99*	*51-122*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9F05022 - EPA 5030B_MS

Blank (9F05022-BLK1) Continued Prepared: 06/05/2009 11:45 Analyzed: 06/05/2009 12:24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*93*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*69-110*			

LCS (9F05022-BS1) Prepared: 06/05/2009 11:45 Analyzed: 06/05/2009 12:52

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		115	75-133			
Benzene	22		1.0	ug/L	20.0		109	81-134			
Chlorobenzene	22		1.0	ug/L	20.0		109	83-117			
Toluene	24		1.0	ug/L	20.0		118	71-118			
Trichloroethene	22		1.0	ug/L	20.0		110	75-115			
Surrogate: 4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*101*	*51-122*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*89*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*97*	*69-110*			

Matrix Spike (9F05022-MS1) Prepared: 06/05/2009 11:45 Analyzed: 06/05/2009 13:21

Source: C906144-09

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	0.24 U	106	75-133			
Benzene	20		1.0	ug/L	20.0	0.20 U	101	81-134			
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	102	83-117			
Toluene	22		1.0	ug/L	20.0	0.27 U	110	71-118			
Trichloroethene	20		1.0	ug/L	20.0	0.38 U	100	75-115			
Surrogate: 4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*51-122*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*89*	*68-117*			
Surrogate: Toluene-d8	*49*			*ug/L*	*50.0*		*98*	*69-110*			

Matrix Spike Dup (9F05022-MSD1) Prepared: 06/05/2009 11:45 Analyzed: 06/05/2009 13:49

Source: C906144-09

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	0.24 U	107	75-133	0.6	20	
Benzene	20		1.0	ug/L	20.0	0.20 U	101	81-134	0.1	17	
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	102	83-117	0.1	16	
Toluene	22		1.0	ug/L	20.0	0.27 U	109	71-118	0.6	17	
Trichloroethene	19		1.0	ug/L	20.0	0.38 U	94	75-115	6	18	
Surrogate: 4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*103*	*51-122*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*89*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*69-110*			

Batch 9F08023 - EPA 5030B_MS

Blank (9F08023-BLK1) Prepared: 06/08/2009 12:33 Analyzed: 06/08/2009 13:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9F08023 - EPA 5030B_MS

Blank (9F08023-BLK1) Continued Prepared: 06/08/2009 12:33 Analyzed: 06/08/2009 13:13

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 9F08023 - EPA 5030B_MS

Blank (9F08023-BLK1) Continued Prepared: 06/08/2009 12:33 Analyzed: 06/08/2009 13:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*51-122*			
Surrogate: Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*97*	*69-110*			

LCS (9F08023-BS1) Prepared: 06/08/2009 12:33 Analyzed: 06/08/2009 13:41

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		109	75-133			
Benzene	21		1.0	ug/L	20.0		106	81-134			
Chlorobenzene	19		1.0	ug/L	20.0		97	83-117			
Toluene	22		1.0	ug/L	20.0		108	71-118			
Trichloroethene	19		1.0	ug/L	20.0		97	75-115			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*93*	*51-122*			
Surrogate: Dibromofluoromethane	*48*			*ug/L*	*50.0*		*95*	*68-117*			
Surrogate: Toluene-d8	*49*			*ug/L*	*50.0*		*98*	*69-110*			

Matrix Spike (9F08023-MS1) Prepared: 06/08/2009 12:33 Analyzed: 06/08/2009 14:10

Source: C906344-07

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	22		1.0	ug/L	20.0	0.20 U	111	81-134			
Chlorobenzene	21		1.0	ug/L	20.0	0.27 U	106	83-117			
Toluene	23		1.0	ug/L	20.0	0.27 U	116	71-118			
Trichloroethene	20		1.0	ug/L	20.0	0.38 U	102	75-115			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*51-122*			
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*95*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*97*	*69-110*			

Matrix Spike Dup (9F08023-MSD1) Prepared: 06/08/2009 12:33 Analyzed: 06/08/2009 14:39

Source: C906344-07

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	1	20	
Benzene	22		1.0	ug/L	20.0	0.20 U	110	81-134	1	17	
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	102	83-117	4	16	
Toluene	23		1.0	ug/L	20.0	0.27 U	114	71-118	1	17	
Trichloroethene	21		1.0	ug/L	20.0	0.38 U	105	75-115	3	18	
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*51-122*			
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*93*	*68-117*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*69-110*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9F02001 - EPA 245.1

Blank (9F02001-BLK1) Prepared: 06/02/2009 08:35 Analyzed: 06/02/2009 15:43

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9F02001 - EPA 245.1

Blank (9F02001-BLK1) Continued Prepared: 06/02/2009 08:35 Analyzed: 06/02/2009 15:43

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.05	U	0.20	ug/L							

LCS (9F02001-BS1) Prepared: 06/02/2009 08:35 Analyzed: 06/02/2009 15:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.63		0.20	ug/L	5.00		93	85-115			

Matrix Spike (9F02001-MS1) Prepared: 06/02/2009 08:35 Analyzed: 06/02/2009 15:52

Source: C904731-21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.56		0.20	ug/L	5.00	0.05 U	91	85-115			

Matrix Spike Dup (9F02001-MSD1) Prepared: 06/02/2009 08:35 Analyzed: 06/02/2009 16:00

Source: C904731-21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.58		0.20	ug/L	5.00	0.05 U	92	85-115	0.5	15	

Post Spike (9F02001-PS1) Prepared: 06/02/2009 08:35 Analyzed: 06/02/2009 16:03

Source: C904731-21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.93		0.20	ug/L	5.00	-0.09	80	75-125			

Batch 9F02002 - EPA 245.1

Blank (9F02002-BLK1) Prepared: 06/02/2009 08:36 Analyzed: 06/02/2009 14:11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.05	U	0.20	ug/L							

LCS (9F02002-BS1) Prepared: 06/02/2009 08:36 Analyzed: 06/02/2009 14:14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.70		0.20	ug/L	5.00		94	85-115			

Matrix Spike (9F02002-MS1) Prepared: 06/02/2009 08:36 Analyzed: 06/02/2009 14:20

Source: C904731-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.59		0.20	ug/L	5.00	0.05 U	92	85-115			

Matrix Spike Dup (9F02002-MSD1) Prepared: 06/02/2009 08:36 Analyzed: 06/02/2009 14:22

Source: C904731-01

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9F02002 - EPA 245.1

Matrix Spike Dup (9F02002-MSD1) Continued Prepared: 06/02/2009 08:36 Analyzed: 06/02/2009 14:22

Source: C904731-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.62		0.20	ug/L	5.00	0.05 U	92	85-115	0.7	15	

Post Spike (9F02002-PS1) Prepared: 06/02/2009 08:36 Analyzed: 06/02/2009 14:25

Source: C904731-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.78		0.20	ug/L	5.00	-0.05	77	75-125			

Batch 9F02003 - EPA 3005A

Blank (9F02003-BLK1) Prepared: 06/02/2009 08:41 Analyzed: 06/04/2009 12:37

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.8	U	10.0	ug/L							
Barium	4.20	U	10.0	ug/L							
Cadmium	0.09	U	1.00	ug/L							
Chromium	0.7	U	10.0	ug/L							
Lead	1.6	U	10.0	ug/L							
Selenium	3.4	U	10.0	ug/L							
Silver	1.0	U	10.0	ug/L							

LCS (9F02003-BS1) Prepared: 06/02/2009 08:41 Analyzed: 06/04/2009 12:39

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1080		10.0	ug/L	1000		108	80-120			
Barium	1060		10.0	ug/L	1000		106	80-120			
Cadmium	521		1.00	ug/L	500		104	80-120			
Chromium	1050		10.0	ug/L	1000		105	80-120			
Lead	1090		10.0	ug/L	1000		109	80-120			
Selenium	1100		10.0	ug/L	1000		110	80-120			
Silver	107		10.0	ug/L	100		107	80-120			

Matrix Spike (9F02003-MS1) Prepared: 06/02/2009 08:41 Analyzed: 06/04/2009 12:43

Source: C904731-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1090		10.0	ug/L	1000	2.8 U	109	75-125			
Barium	1390		10.0	ug/L	1000	350	104	75-125			
Cadmium	508		1.00	ug/L	500	0.17	102	75-125			
Chromium	1050		10.0	ug/L	1000	0.7 U	105	75-125			
Lead	1050		10.0	ug/L	1000	2.3	105	75-125			
Selenium	1110		10.0	ug/L	1000	3.4 U	111	75-125			
Silver	107		10.0	ug/L	100	1.0 U	107	75-125			

Matrix Spike Dup (9F02003-MSD1) Prepared: 06/02/2009 08:41 Analyzed: 06/04/2009 12:45

Source: C904731-01

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9F02003 - EPA 3005A

Matrix Spike Dup (9F02003-MSD1) Continued Prepared: 06/02/2009 08:41 Analyzed: 06/04/2009 12:45

Source: C904731-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1100		10.0	ug/L	1000	2.8 U	110	75-125	1	25	
Barium	1390		10.0	ug/L	1000	350	104	75-125	0.07	25	
Cadmium	509		1.00	ug/L	500	0.17	102	75-125	0.3	25	
Chromium	1050		10.0	ug/L	1000	0.7 U	105	75-125	0.3	25	
Lead	1060		10.0	ug/L	1000	2.3	106	75-125	1	25	
Selenium	1120		10.0	ug/L	1000	3.4 U	112	75-125	2	25	
Silver	108		10.0	ug/L	100	1.0 U	108	75-125	0.3	25	

Post Spike (9F02003-PS1) Prepared: 06/02/2009 08:41 Analyzed: 06/04/2009 12:47

Source: C904731-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.1		0.01	mg/L	1.02	-0.003	104	75-125			
Barium	1.36		0.01	mg/L	1.02	0.35	99	75-125			
Cadmium	0.50		0.001	mg/L	0.510	0.0002	98	75-125			
Chromium	1.0		0.01	mg/L	1.02	0.0004	101	75-125			
Lead	1.0		0.01	mg/L	1.02	0.002	100	75-125			
Selenium	1.1		0.01	mg/L	1.02	0.0006	105	75-125			
Silver	0.1		0.01	mg/L	0.102	-0.001	105	75-125			

Batch 9F02004 - EPA 3005A

Blank (9F02004-BLK1) Prepared: 06/02/2009 08:43 Analyzed: 06/03/2009 12:01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.8	U	10.0	ug/L							
Barium	4.20	U	10.0	ug/L							
Cadmium	0.09	U	1.00	ug/L							
Chromium	0.7	U	10.0	ug/L							
Lead	1.6	U	10.0	ug/L							
Selenium	3.4	U	10.0	ug/L							
Silver	1.0	U	10.0	ug/L							

LCS (9F02004-BS1) Prepared: 06/02/2009 08:43 Analyzed: 06/03/2009 12:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1110		10.0	ug/L	1000		111	80-120			
Barium	1070		10.0	ug/L	1000		107	80-120			
Cadmium	527		1.00	ug/L	500		105	80-120			
Chromium	1070		10.0	ug/L	1000		107	80-120			
Lead	1100		10.0	ug/L	1000		110	80-120			
Selenium	1130		10.0	ug/L	1000		113	80-120			
Silver	109		10.0	ug/L	100		109	80-120			

Matrix Spike (9F02004-MS1) Prepared: 06/02/2009 08:43 Analyzed: 06/03/2009 12:14

Source: C904731-22

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9F02004 - EPA 3005A

Matrix Spike (9F02004-MS1) Continued Prepared: 06/02/2009 08:43 Analyzed: 06/03/2009 12:14

Source: C904731-22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1060		10.0	ug/L	1000	2.8 U	106	75-125			
Barium	1110		10.0	ug/L	1000	86.7	102	75-125			
Cadmium	499		1.00	ug/L	500	0.09 U	100	75-125			
Chromium	1020		10.0	ug/L	1000	0.7 U	102	75-125			
Lead	1030		10.0	ug/L	1000	1.7	103	75-125			
Selenium	1100		10.0	ug/L	1000	3.4 U	110	75-125			
Silver	105		10.0	ug/L	100	1.0 U	105	75-125			

Matrix Spike Dup (9F02004-MSD1) Prepared: 06/02/2009 08:43 Analyzed: 06/03/2009 12:16

Source: C904731-22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1110		10.0	ug/L	1000	2.8 U	111	75-125	5	25	
Barium	1150		10.0	ug/L	1000	86.7	106	75-125	3	25	
Cadmium	516		1.00	ug/L	500	0.09 U	103	75-125	3	25	
Chromium	1060		10.0	ug/L	1000	0.7 U	106	75-125	4	25	
Lead	1080		10.0	ug/L	1000	1.7	108	75-125	5	25	
Selenium	1140		10.0	ug/L	1000	3.4 U	114	75-125	4	25	
Silver	110		10.0	ug/L	100	1.0 U	110	75-125	4	25	

Post Spike (9F02004-PS1) Prepared: 06/02/2009 08:43 Analyzed: 06/03/2009 12:17

Source: C904731-22

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	1.0		0.01	mg/L	1.00	-0.0007	101	75-125			
Barium	1.05		0.01	mg/L	1.00	0.09	97	75-125			
Cadmium	0.47		0.001	mg/L	0.500	0.00008	94	75-125			
Chromium	1.0		0.01	mg/L	1.00	-0.001	97	75-125			
Lead	1.0		0.01	mg/L	1.00	0.002	98	75-125			
Selenium	1.0		0.01	mg/L	1.00	-0.001	103	75-125			
Silver	0.1		0.01	mg/L	0.100	-0.001	104	75-125			

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.
QV-02	The associated continuing calibration verification standard exhibited low bias; the reported result should be considered to be a minimum estimate.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

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

Page 1 of 3

Client Name: Grey Engineering (GR009)	Project Number: 1584-03-109
Address: 254 West Water Street	Project Name/Desc: Davie County Landfill
City/ST/Zip: Mocksville, NC 27028	PO # / Billing Info
Tel: (336) 751-2110 Fax: (336) 751-6348	Reporting Contact: Beth Brown
Sampler(s) Name, Affiliation (Print)	Billing Contact: Accounts Payable
Sampler(s) Signature	Facility # (if required)

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

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C904731

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,Hg,Pb,Se									Sample Comments
	MW-1 MS/MSD	5/29	1220	G	GW	7	X	X									
	MW-2	5/28	1500	G	GW	4	X	X									
	MW-3	5/28	1600	G	GW	4	X	X									
	MW-4	5/28	0940	G	GW	4	X	X									
	MW-5	5/29	1350	G	GW	4	X	X									
	MW-6	5/28	1140	G	GW	4	X	X									
	MW-7	5/28	1040	G	GW	4	X	X									
	MW-8	5/28	1360	G	GW	4	X	X									
	MW-9	5/28	1250	G	GW	4	X	X									
	MW-10	5/29	1450	G	GW	4	X	X									
	~~MW-11~~				GW	4	X	X									
	MW-12	5/26	1600	G	GW	4	X	X									
						<-- Total # of Containers											

Sample Kit Prepared By: [signature]	Date/Time: 4/23/09	Relinquished By	Date/Time	Received By: B.W.	Date/Time: 6/1/09 10:00 AM
Comments		Relinquished By: B.W.	Date/Time: 6/1/09 11:30	Received By: Briana Gregory	Date/Time: 6-1-09 11:30
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C490 & C493 C490 2.6°C C493 3.6°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

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

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

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Page 2 of 3

Client Name: Grey Engineering (GR009)	Project Number: 1584-03-109
Address: 254 West Water Street	Project Name/Desc: Davie County Landfill
City/ST/Zip: Mocksville, NC 27028	PO # / Billing Info
Tel: (336) 751-2110 Fax: (336) 751-6348	Reporting Contact: Beth Brown
Sampler(s) Name, Affiliation (Print)	Billing Contact: Accounts Payable
Sampler(s) Signature	Facility # (if required)

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

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C904731

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers											Sample Comments
	~~MW-13~~				~~GW~~	~~4~~	~~X~~	~~X~~									
	MW-14	5/28	1655	G	GW	4	X	X									
	MW-15	5/29	1125	G	GW	4	X	X									
	MW-16S	5/29	0840	G	GW	4	X	X									
	MW-16D	5/29	0810	G	GW	4	X	X									
	MW-17	5/29	1530	G	GW	4	X	X									
	MW-18	5/29	1000	G	GW	4	X	X									
	SW-1	5/30	0845	G	SW	4	X	X									
	SW-2	5/30	0925	G	SW	4	X	X									
	SW-3	5/30	1000	G	SW	4	X	X									
	SW-4	5/30	0815	G	SW	4	X	X									
	DUP	5/29	0700	G	GW	4	X	X									
						<-- Total # of Containers											

Sample Kit Prepared By: [illegible]	Date/Time: 4/23/09	Relinquished By	Date/Time	Received By: [illegible]	Date/Time: 6/1/09 10:00
Comments		Relinquished By: [illegible]	Date/Time: 6/1/09 11:30	Received By: Briana Gregory	Date/Time: 6-1-09 11:30
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C490 & C493 C-490 2.6°C C-493 3.2°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

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

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

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Client Name: Grey Engineering (GR009)	Project Number: 1584-03-109
Address: 254 West Water Street	Project Name/Desc: Davie County Landfill
City/ST/Zip: Mocksville, NC 27028	PO # / Billing Info:
Tel: (336) 751-2110 Fax: (336) 751-6348	Reporting Contact: Beth Brown
Sampler(s) Name, Affiliation (Print):	Billing Contact: Accounts Payable
Sampler(s) Signature:	Facility # (if required):

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

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C904731

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,Hg,Pb,Se									Sample Comments
	TRIP BLANK				WA	2	X										

<-- Total # of Containers

Sample Kit Prepared By: [signature]	Date/Time: 4/23/09	Relinquished By:	Date/Time:	Received By: B.W.	Date/Time: 6/1/09 10:05am
Comments:		Relinquished By: B.W.	Date/Time: 6/1/09 11:30	Received By: Briana Gregory	Date/Time: 6-1-09 11:30
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler #'s & Temps on Receipt: C490 & C493 C-490 2.6°C C-493 5.2°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

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

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

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