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GREY
ENGINEERING, INC.
ENVIRONMENTAL AND CIVIL DESIGN

1/11/2007

Received
JAN 2007
Solid Waste Section

Mr. Ethan Brown
Environmental Compliance
NCDENR – DWM, Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

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

Dear Mr. Brown,

With respect to Davie County Landfill, permit #30-03, the following information is included on the enclosed CD: Field Collection Reports; Laboratory Analysis; and Exceedance Summary Table with History. The sampling was conducted in late October of 2006.

The data indicate no exceedances of surface water standards. However, you will note from the attached Exceedance Summary Table that monitoring wells 10 (Tetrachloroethene), 12 (Lead), 17 (Lead) and 18 (Cadmium) show exceedances of 2L limits for the October '06 sampling event.

These exceedances result from historic landfill use. The landfill is now capped and closed. However, since exceedance histories at these wells is sporadic, it is suggested that no remediation action be undertaken until trends become significant and well defined.

If you should have any questions, please don't hesitate to give me a call.

Sincerely,

Grey Engineering, Inc.

John C. Grey, PE
Grey Engineering, Inc.

Cc: Ms. Beth Dirks, Assistant Davie County Manager

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

Davie County Monitoring Wells
October 2006 Exceedance
With History

WELL ID	SWID	CAS	PARAMETER	Dec-03 RESULT	Jun-04 RESULT	Oct-04 RESULT	Apr-05 RESULT	Oct-05 RESULT	Mar-06 RESULT	Oct-06 RESULT	2L	GWP	Units	pH Oct-06
MW-10	192	127-18-4	Tetrachloroethene	13	*	*	6	*	6.5	7.7	0.7	NE	ug/L	7.1
MW-12	131	7439-92-1	Lead	17	*	*	*	*	*	33.4	15.0	NE	ug/L	5.92
MW-17	131	7439-92-1	Lead	81	*	*	*	32	*	90.1	15.0	NE	ug/L	7.99
MW-18	34	7440-43-9	Cadmium	*	*	*	*	*	*	10.6	1.8	NE	ug/L	7.97

(*) did not meet minimum reporting parameter

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).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- 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):

The County of Davie

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 Road, Mocksville, NC 27028	30-03		October 24-25, 2006

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	1/11/07 Date	Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL SEAL 15407 ENGINEER JOHN C. GREY, JR. 1/11/07

Revised 01/2007

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

Friday, November 10, 2006

Grey Engineering (GR009)

Attn: Beth Brown

254 West Water Street

Mocksville, NC 27028

RE: Project Number: 1584-03-109, Project Name/Desc: Davie County Landfill
ENCO Workorder: C603804

Dear Beth Brown,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, October 26, 2006.

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.

This data has been produced in accordance with NELAC standards (June, 2003). 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. 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,

Bob George For Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 87.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1 **Lab ID:** C603804-01

Sampled: 10/24/06 15:10 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 09:27
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 13:13
EPA 8260B	11/07/06	11/03/06 08:15	11/3/2006 18:18

Client ID: MW-2 **Lab ID:** C603804-02

Sampled: 10/24/06 11:15 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 09:34
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 13:15
EPA 8260B	11/07/06	11/03/06 08:15	11/3/2006 18:44

Client ID: MW-3 **Lab ID:** C603804-03

Sampled: 10/25/06 08:55 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 09:41
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 13:17
EPA 8260B	11/08/06	11/03/06 08:15	11/3/2006 19:09

Client ID: MW-4 **Lab ID:** C603804-04

Sampled: 10/25/06 08:50 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 09:48
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 13:25
EPA 8260B	11/08/06	11/08/06 09:00	11/8/2006 14:05

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Client ID: MW-5 MS/MSD **Lab ID:** C603804-05

Sampled: 10/24/06 13:00 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 09:02
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 13:05
EPA 8260B	11/07/06	11/07/06 10:41	11/7/2006 17:27

Client ID: MW-6 **Lab ID:** C603804-06

Sampled: 10/25/06 10:50 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 09:55
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 13:27
EPA 8260B	11/08/06	11/08/06 09:00	11/8/2006 14:36

Client ID: MW-7 **Lab ID:** C603804-07

Sampled: 10/25/06 11:35 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 10:17
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 13:31
EPA 8260B	11/08/06	11/08/06 09:00	11/8/2006 15:07

Client ID: MW-8 **Lab ID:** C603804-08

Sampled: 10/25/06 11:40 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 10:24
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 13:33
EPA 8260B	11/08/06	11/08/06 09:00	11/8/2006 15:38

Client ID: MW-9 **Lab ID:** C603804-09

Sampled: 10/25/06 09:35 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 10:31
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 13:35
EPA 8260B	11/08/06	11/08/06 09:00	11/8/2006 16:09

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Client ID: MW-10 **Lab ID:** C603804-10

Sampled: 10/24/06 16:05 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 10:38
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 13:37
EPA 8260B	11/07/06	11/07/06 10:41	11/7/2006 17:57

Client ID: MW-12 **Lab ID:** C603804-11

Sampled: 10/24/06 16:10 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 10:45
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 13:39
EPA 8260B	11/07/06	11/07/06 10:41	11/7/2006 18:27

Client ID: MW-14 **Lab ID:** C603804-12

Sampled: 10/25/06 12:45 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 10:52
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 13:41
EPA 8260B	11/08/06	11/08/06 09:00	11/8/2006 16:39

Client ID: MW-15 **Lab ID:** C603804-13

Sampled: 10/25/06 09:45 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 10:59
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 13:43
EPA 8260B	11/08/06	11/08/06 09:00	11/8/2006 17:10

Client ID: MW-16S **Lab ID:** C603804-14

Sampled: 10/24/06 11:35 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 11:06
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 13:53
EPA 8260B	11/07/06	11/06/06 14:53	11/7/2006 10:49

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Client ID: MW-16D **Lab ID:** C603804-15

Sampled: 10/24/06 11:15 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 11:13
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 13:55
EPA 8260B	11/07/06	11/06/06 14:53	11/7/2006 11:19

Client ID: MW-17 **Lab ID:** C603804-16

Sampled: 10/24/06 13:50 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 11:20
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 13:57
EPA 8260B	11/07/06	11/06/06 14:53	11/7/2006 12:21

Client ID: MW-18 **Lab ID:** C603804-17

Sampled: 10/24/06 12:35 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 11:43
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 14:00
EPA 8260B	11/07/06	11/06/06 14:53	11/7/2006 12:52

Client ID: SW-1 **Lab ID:** C603804-18

Sampled: 10/24/06 17:35 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 11:50
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 14:02
EPA 8260B	11/07/06	11/06/06 14:53	11/7/2006 13:23

Client ID: SW-2 **Lab ID:** C603804-19

Sampled: 10/24/06 16:45 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/27/06 08:54	11/3/2006 11:57
EPA 7470A	11/21/06	10/30/06 15:41	10/31/2006 14:04
EPA 8260B	11/07/06	11/06/06 14:53	11/7/2006 13:54

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Client ID: SW-3 **Lab ID:** C603804-20

Sampled: 10/25/06 09:15 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/23/07	10/27/06 08:54	11/3/2006 12:04
EPA 7470A	11/22/06	10/30/06 15:41	10/31/2006 14:06
EPA 8260B	11/08/06	11/08/06 09:00	11/8/2006 17:41

Client ID: SW-4 **Lab ID:** C603804-21

Sampled: 10/24/06 12:00 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/31/06 09:09	11/2/2006 13:28
EPA 7470A	11/21/06	10/30/06 15:50	10/31/2006 12:33
EPA 8260B	11/07/06	11/07/06 10:41	11/7/2006 18:56

Client ID: DUP **Lab ID:** C603804-22

Sampled: 10/24/06 18:00 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	04/22/07	10/31/06 09:09	11/2/2006 13:35
EPA 7470A	11/21/06	10/30/06 15:50	10/31/2006 12:35
EPA 8260B	11/07/06	11/07/06 10:41	11/7/2006 19:26

Client ID: TRIP BLANK **Lab ID:** C603804-23

Sampled: 10/24/06 00:00 **Received:** 10/26/06 10:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	11/07/06	11/06/06 14:53	11/7/2006 10:18

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ANALYTICAL REPORT

Sample ID:	MW-1	Project:	Davie County Landfill
Lab #:	C603804-01	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/03/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K05001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	**8.2**	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	5.0	100	ug/L
2-Hexanone	591-78-6	50 U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	5.0	100	ug/L
Acetone	67-64-1	100 U	5.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	0.40	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	**27**	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	**9.7**	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	0.20	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	2.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-1	Project:	Davie County Landfill
Lab #:	C603804-01	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/03/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K05001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	0.20	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	**11**	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46	50.0	92 %	70-130
Dibromofluoromethane	1868-53-7	56	50.0	112 %	73-138
Toluene-d8	2037-26-5	53	50.0	107 %	77-118

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ANALYTICAL REPORT

Sample ID:	MW-1	Project:	Davie County Landfill
Lab #:	C603804-01	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-2	Project:	Davie County Landfill
Lab #:	C603804-02	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/03/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K05001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25	U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5	U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	5.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.40	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.20	10	ug/L
Dibromochloromethane	124-48-1	5	U	1.0	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-2	Project:	Davie County Landfill
Lab #:	C603804-02	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/03/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K05001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	0.20	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46	50.0	92 %	70-130
Dibromofluoromethane	1868-53-7	56	50.0	113 %	73-138
Toluene-d8	2037-26-5	57	50.0	114 %	77-118

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ANALYTICAL REPORT

Sample ID:	MW-2	Project:	Davie County Landfill
Lab #:	C603804-02	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-3	Project:	Davie County Landfill
Lab #:	C603804-03	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/03/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K05001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25	U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5	U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	5.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.40	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.20	10	ug/L
Dibromochloromethane	124-48-1	5	U	1.0	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-3	Project:	Davie County Landfill
Lab #:	C603804-03	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/03/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K05001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10	U	0.20	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100	U	1.0	100	ug/L
Trichloroethene	79-01-6	5	U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5	U	1.0	5	ug/L
Vinyl acetate	108-05-4	50	U	2.0	50	ug/L
Vinyl chloride	75-01-4	10	U	1.0	10	ug/L

Surrogate Recovery		Result		Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	47		50.0	93 %	70-130
Dibromofluoromethane	1868-53-7	56		50.0	113 %	73-138
Toluene-d8	2037-26-5	62	S-GC	50.0	123 %	77-118

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ANALYTICAL REPORT

Sample ID:	MW-3	Project:	Davie County Landfill
Lab #:	C603804-03	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-4	Project:	Davie County Landfill
Lab #:	C603804-04	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-4	Project:	Davie County Landfill
Lab #:	C603804-04	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	**6.0**	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	5.0	100	ug/L
2-Hexanone	591-78-6	50 U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	5.0	100	ug/L
Acetone	67-64-1	100 U	5.0	100	ug/L
Acrylonitrile	107-13-1	200 U	1.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	0.4	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	**56.0**	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5 U	0.2	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	2.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-4	Project:	Davie County Landfill
Lab #:	C603804-04	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.0	50.0	100 %	60-130
Dibromofluoromethane	1868-53-7	58.4	50.0	117 %	66-131
Toluene-d8	2037-26-5	52.0	50.0	104 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-5 MS/MSD	Project:	Davie County Landfill
Lab #:	C603804-05	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-5 MS/MSD	Project:	Davie County Landfill
Lab #:	C603804-05	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	0.20	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	**10**	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	5.0	100	ug/L
2-Hexanone	591-78-6	50 U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	5.0	100	ug/L
Acetone	67-64-1	100 U	5.0	100	ug/L
Acrylonitrile	107-13-1	200 U	2.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	0.40	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	**21**	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	0.20	10	ug/L
Dibromochloromethane	124-48-1	5 U	0.20	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	2.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-5 MS/MSD	Project:	Davie County Landfill
Lab #:	C603804-05	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.20	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	**18**	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	1.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	54	50.0	109 %	57.1-125
Dibromofluoromethane	1868-53-7	56	50.0	112 %	49.8-137
Toluene-d8	2037-26-5	58	50.0	115 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-6	Project:	Davie County Landfill
Lab #:	C603804-06	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-6	Project:	Davie County Landfill
Lab #:	C603804-06	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-6	Project:	Davie County Landfill
Lab #:	C603804-06	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52.2	50.0	104 %	60-130
Dibromofluoromethane	1868-53-7	59.0	50.0	118 %	66-131
Toluene-d8	2037-26-5	51.2	50.0	102 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-7	Project:	Davie County Landfill
Lab #:	C603804-07	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-7	Project:	Davie County Landfill
Lab #:	C603804-07	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	5.0	100	ug/L
2-Hexanone	591-78-6	50 U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	5.0	100	ug/L
Acetone	67-64-1	100 U	5.0	100	ug/L
Acrylonitrile	107-13-1	200 U	1.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	0.4	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5 U	0.2	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	2.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L
Toluene	108-88-3	**39.3**	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-7	Project:	Davie County Landfill
Lab #:	C603804-07	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52.1	50.0	104 %	60-130
Dibromofluoromethane	1868-53-7	56.6	50.0	113 %	66-131
Toluene-d8	2037-26-5	52.9	50.0	106 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-8	Project:	Davie County Landfill
Lab #:	C603804-08	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-8	Project:	Davie County Landfill
Lab #:	C603804-08	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-8	Project:	Davie County Landfill
Lab #:	C603804-08	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53.6	50.0	107 %	60-130
Dibromofluoromethane	1868-53-7	59.4	50.0	119 %	66-131
Toluene-d8	2037-26-5	52.5	50.0	105 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-9	Project:	Davie County Landfill
Lab #:	C603804-09	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-9	Project:	Davie County Landfill
Lab #:	C603804-09	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-9	Project:	Davie County Landfill
Lab #:	C603804-09	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52.6	50.0	105 %	60-130
Dibromofluoromethane	1868-53-7	60.2	50.0	120 %	66-131
Toluene-d8	2037-26-5	52.2	50.0	104 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-10	Project:	Davie County Landfill
Lab #:	C603804-10	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-10	Project:	Davie County Landfill
Lab #:	C603804-10	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.20	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	2.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.40	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.20	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.20	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	**7.7**		1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-10	Project:	Davie County Landfill
Lab #:	C603804-10	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.20	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	1.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	58	50.0	116 %	57.1-125
Dibromofluoromethane	1868-53-7	59	50.0	119 %	49.8-137
Toluene-d8	2037-26-5	59	50.0	118 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-12	Project:	Davie County Landfill
Lab #:	C603804-11	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	**37.9**		10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	**33.4**		10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-12	Project:	Davie County Landfill
Lab #:	C603804-11	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	0.20	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	5.0	100	ug/L
2-Hexanone	591-78-6	50 U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	5.0	100	ug/L
Acetone	67-64-1	100 U	5.0	100	ug/L
Acrylonitrile	107-13-1	200 U	2.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	0.40	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	0.20	10	ug/L
Dibromochloromethane	124-48-1	5 U	0.20	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	2.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-12	Project:	Davie County Landfill
Lab #:	C603804-11	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.20	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	1.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53	50.0	105 %	57.1-125
Dibromofluoromethane	1868-53-7	53	50.0	106 %	49.8-137
Toluene-d8	2037-26-5	54	50.0	108 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	MW-14	Project:	Davie County Landfill
Lab #:	C603804-12	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-14	Project:	Davie County Landfill
Lab #:	C603804-12	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-14	Project:	Davie County Landfill
Lab #:	C603804-12	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52.0	50.0	104 %	60-130
Dibromofluoromethane	1868-53-7	57.2	50.0	114 %	66-131
Toluene-d8	2037-26-5	50.9	50.0	102 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-15	Project:	Davie County Landfill
Lab #:	C603804-13	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-15	Project:	Davie County Landfill
Lab #:	C603804-13	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	**5.1**	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	5.0	100	ug/L
2-Hexanone	591-78-6	50 U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	5.0	100	ug/L
Acetone	67-64-1	100 U	5.0	100	ug/L
Acrylonitrile	107-13-1	200 U	1.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	0.4	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5 U	0.2	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	2.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-15	Project:	Davie County Landfill
Lab #:	C603804-13	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	51.8	50.0	104 %	60-130
Dibromofluoromethane	1868-53-7	60.1	50.0	120 %	66-131
Toluene-d8	2037-26-5	52.8	50.0	106 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-16S	Project:	Davie County Landfill
Lab #:	C603804-14	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-16S	Project:	Davie County Landfill
Lab #:	C603804-14	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-16S	Project:	Davie County Landfill
Lab #:	C603804-14	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.0	50.0	100 %	60-130
Dibromofluoromethane	1868-53-7	58.0	50.0	116 %	66-131
Toluene-d8	2037-26-5	49.7	50.0	99 %	67-139

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ANALYTICAL REPORT

Sample ID: MW-16D
Lab #: C603804-15

Project: Davie County Landfill
Work Order #: C603804
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-16D	Project:	Davie County Landfill
Lab #:	C603804-15	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	**6.5**	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	5.0	100	ug/L
2-Hexanone	591-78-6	50 U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	5.0	100	ug/L
Acetone	67-64-1	100 U	5.0	100	ug/L
Acrylonitrile	107-13-1	200 U	1.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	0.4	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	**5.2**	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5 U	0.2	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	2.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-16D	Project:	Davie County Landfill
Lab #:	C603804-15	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.1	50.0	100 %	60-130
Dibromofluoromethane	1868-53-7	58.9	50.0	118 %	66-131
Toluene-d8	2037-26-5	51.1	50.0	102 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-17	Project:	Davie County Landfill
Lab #:	C603804-16	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	**668**		10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	**47.9**		10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	**90.1**		10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-17	Project:	Davie County Landfill
Lab #:	C603804-16	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-17	Project:	Davie County Landfill
Lab #:	C603804-16	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.5	50.0	101 %	60-130
Dibromofluoromethane	1868-53-7	60.9	50.0	122 %	66-131
Toluene-d8	2037-26-5	50.6	50.0	101 %	67-139

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ANALYTICAL REPORT

Sample ID:	MW-18	Project:	Davie County Landfill
Lab #:	C603804-17	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	**10.6**		1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	MW-18	Project:	Davie County Landfill
Lab #:	C603804-17	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-18	Project:	Davie County Landfill
Lab #:	C603804-17	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	51.0	50.0	102 %	60-130
Dibromofluoromethane	1868-53-7	59.6	50.0	119 %	66-131
Toluene-d8	2037-26-5	50.7	50.0	101 %	67-139

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ANALYTICAL REPORT

Sample ID:	SW-1	Project:	Davie County Landfill
Lab #:	C603804-18	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	SW-1	Project:	Davie County Landfill
Lab #:	C603804-18	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	SW-1	Project:	Davie County Landfill
Lab #:	C603804-18	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49.6	50.0	99 %	60-130
Dibromofluoromethane	1868-53-7	62.4	50.0	125 %	66-131
Toluene-d8	2037-26-5	53.7	50.0	107 %	67-139

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ANALYTICAL REPORT

Sample ID:	SW-2	Project:	Davie County Landfill
Lab #:	C603804-19	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	SW-2	Project:	Davie County Landfill
Lab #:	C603804-19	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	SW-2	Project:	Davie County Landfill
Lab #:	C603804-19	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.6	50.0	101 %	60-130
Dibromofluoromethane	1868-53-7	59.5	50.0	119 %	66-131
Toluene-d8	2037-26-5	52.8	50.0	106 %	67-139

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ANALYTICAL REPORT

Sample ID:	SW-3	Project:	Davie County Landfill
Lab #:	C603804-20	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J27008
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J27008
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30019
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J27008
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J27008

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ANALYTICAL REPORT

Sample ID:	SW-3	Project:	Davie County Landfill
Lab #:	C603804-20	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	SW-3	Project:	Davie County Landfill
Lab #:	C603804-20	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/08/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K09010		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	51.7	50.0	103 %	60-130
Dibromofluoromethane	1868-53-7	59.8	50.0	120 %	66-131
Toluene-d8	2037-26-5	51.9	50.0	104 %	67-139

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ANALYTICAL REPORT

Sample ID:	SW-4	Project:	Davie County Landfill
Lab #:	C603804-21	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J31006
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J31006
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J31006
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J31006
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J31006
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J31006
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J31006

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ANALYTICAL REPORT

Sample ID:	SW-4	Project:	Davie County Landfill
Lab #:	C603804-21	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.20	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	2.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.40	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.20	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.20	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	SW-4	Project:	Davie County Landfill
Lab #:	C603804-21	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.20	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	1.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52	50.0	104 %	57.1-125
Dibromofluoromethane	1868-53-7	55	50.0	110 %	49.8-137
Toluene-d8	2037-26-5	53	50.0	106 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	DUP	Project:	Davie County Landfill
Lab #:	C603804-22	Work Order #:	C603804
		Matrix:	Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J31006
Barium	7440-39-3	500	U	10.0	500	ug/L	EPA 6010B	EPA 3005A	6J31006
Cadmium	7440-43-9	1	U	1.00	1	ug/L	EPA 6010B	EPA 3005A	6J31006
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J31006
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J31006
Mercury	7439-97-6	0.5	U	0.20	0.5	ug/L	EPA 7470A	EPA 7470A	6J30020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6J31006
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6J31006

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ANALYTICAL REPORT

Sample ID:	DUP	Project:	Davie County Landfill
Lab #:	C603804-22	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	0.20	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	**6.0**	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	5.0	100	ug/L
2-Hexanone	591-78-6	50 U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	5.0	100	ug/L
Acetone	67-64-1	100 U	5.0	100	ug/L
Acrylonitrile	107-13-1	200 U	2.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	0.40	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	**15**	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	**7.8**	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	0.20	10	ug/L
Dibromochloromethane	124-48-1	5 U	0.20	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	2.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	DUP	Project:	Davie County Landfill
Lab #:	C603804-22	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: km	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K07007		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.20	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	**11**	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	1.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	47	50.0	94 %	57.1-125
Dibromofluoromethane	1868-53-7	47	50.0	94 %	49.8-137
Toluene-d8	2037-26-5	49	50.0	97 %	87.6-125

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ANALYTICAL REPORT

Sample ID:	TRIP BLANK	Project:	Davie County Landfill
Lab #:	C603804-23	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5	U	0.3	5	ug/L
1,1,1-Trichloroethane	71-55-6	5	U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5	U	0.2	5	ug/L
1,1,2-Trichloroethane	79-00-5	5	U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5	U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5	U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15	U	1.0	15	ug/L
1,2-Dichlorobenzene	95-50-1	5	U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5	U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5	U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5	U	1.0	5	ug/L
2-Butanone	78-93-3	100	U	5.0	100	ug/L
2-Hexanone	591-78-6	50	U	5.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100	U	5.0	100	ug/L
Acetone	67-64-1	100	U	5.0	100	ug/L
Acrylonitrile	107-13-1	200	U	1.0	200	ug/L
Benzene	71-43-2	5	U	1.0	5	ug/L
Bromochloromethane	74-97-5	5	U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5	U	0.4	5	ug/L
Bromoform	75-25-2	5	U	1.0	5	ug/L
Bromomethane	74-83-9	10	U	1.0	10	ug/L
Carbon disulfide	75-15-0	100	U	5.0	100	ug/L
Carbon tetrachloride	56-23-5	10	U	1.0	10	ug/L
Chlorobenzene	108-90-7	5	U	1.0	5	ug/L
Chloroethane	75-00-3	10	U	1.0	10	ug/L
Chloroform	67-66-3	5	U	1.0	5	ug/L
Chloromethane	74-87-3	10	U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5	U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10	U	0.2	10	ug/L
Dibromochloromethane	124-48-1	5	U	0.2	5	ug/L
Dibromomethane	74-95-3	10	U	1.0	10	ug/L
Ethylbenzene	100-41-4	5	U	1.0	5	ug/L
Iodomethane	74-88-4	10	U	3.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5	U	2.0	5	ug/L
Methylene chloride	75-09-2	10	U	2.0	10	ug/L
o-Xylene	95-47-6	5	U	1.0	5	ug/L
Styrene	100-42-5	10	U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5	U	1.0	5	ug/L
Toluene	108-88-3	5	U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5	U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	TRIP BLANK	Project:	Davie County Landfill
Lab #:	C603804-23	Work Order #:	C603804
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	11/07/06 By: ds	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6K03018		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
trans-1,3-Dichloropropene	10061-02-6	10 U	0.2	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	5.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	51.3	50.0	103 %	60-130
Dibromofluoromethane	1868-53-7	58.8	50.0	118 %	66-131
Toluene-d8	2037-26-5	50.4	50.0	101 %	67-139

QUALITY CONTROL

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

Volatile Organic Compounds by GCMS - Quality Control

Batch 6K05001 - EPA 5030B_MS

Blank (6K05001-BLK1) Prepared: 11/03/2006 08:15 Analyzed: 11/03/2006 17:53

Acetone	5.0 U	5.0	ug/L
Acrylonitrile	5.0 U	5.0	ug/L
Benzene	1.0 U	1.0	ug/L
2-Butanone	5.0 U	5.0	ug/L
2-Hexanone	5.0 U	5.0	ug/L
Iodomethane	2.0 U	2.0	ug/L
Tetrachloroethene	1.0 U	1.0	ug/L
4-Methyl-2-pentanone	5.0 U	5.0	ug/L
Bromochloromethane	1.0 U	1.0	ug/L
Trichloroethene	1.0 U	1.0	ug/L
Bromodichloromethane	0.40 U	0.40	ug/L
Bromoform	1.0 U	1.0	ug/L
Bromomethane	1.0 U	1.0	ug/L
Carbon disulfide	5.0 U	5.0	ug/L
Carbon tetrachloride	1.0 U	1.0	ug/L
Chlorobenzene	1.0 U	1.0	ug/L
Chloroethane	1.0 U	1.0	ug/L
Chloroform	1.0 U	1.0	ug/L
Chloromethane	1.0 U	1.0	ug/L
Dibromochloromethane	1.0 U	1.0	ug/L
1,2-Dibromo-3-chloropropane	1.0 U	1.0	ug/L
1,2-Dibromoethane	1.0 U	1.0	ug/L
Dibromomethane	1.0 U	1.0	ug/L
1,2-Dichlorobenzene	1.0 U	1.0	ug/L
1,4-Dichlorobenzene	1.0 U	1.0	ug/L
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L
1,1-Dichloroethane	1.0 U	1.0	ug/L
1,2-Dichloroethane	1.0 U	1.0	ug/L
1,1-Dichloroethene	1.0 U	1.0	ug/L
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L
1,2-Dichloropropane	1.0 U	1.0	ug/L
cis-1,3-Dichloropropene	0.20 U	0.20	ug/L
trans-1,3-Dichloropropene	0.20 U	0.20	ug/L
Ethylbenzene	1.0 U	1.0	ug/L
Methylene chloride	2.0 U	2.0	ug/L
Styrene	1.0 U	1.0	ug/L
1,1,1,2-Tetrachloroethane	1.0 U	1.0	ug/L
1,1,2,2-Tetrachloroethane	1.0 U	1.0	ug/L
Toluene	1.0 U	1.0	ug/L

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K05001 - EPA 5030B_MS										
Blank (6K05001-BLK1) Continued				Prepared: 11/03/2006 08:15 Analyzed: 11/03/2006 17:53						
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
Vinyl acetate	2.0 U	2.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
LCS (6K05001-BS1)				Prepared: 11/05/2006 09:52 Analyzed: 11/09/2006 18:14						
Benzene	22	1.0	ug/L	20.0		109	69-115			
Trichloroethene	21	1.0	ug/L	20.0		107	74-118			
Chlorobenzene	19	1.0	ug/L	20.0		96	76-118			
1,1-Dichloroethene	25	1.0	ug/L	20.0		125	64-139			
Toluene	19	1.0	ug/L	20.0		96	77-117			
Matrix Spike (6K05001-MS1)		**Source: C604091-09**		Prepared: 11/05/2006 09:52 Analyzed: 11/09/2006 20:49						
Benzene	20	1.0	ug/L	20.0	1.0 U	102	53-150			
Trichloroethene	20	1.0	ug/L	20.0	1.0 U	101	64-124			
Chlorobenzene	19	1.0	ug/L	20.0	1.0 U	97	44-128			
1,1-Dichloroethene	23	1.0	ug/L	20.0	1.0 U	117	36-177			
Toluene	20	1.0	ug/L	20.0	1.0 U	98	40-161			
Matrix Spike Dup (6K05001-MSD1)		**Source: C604091-09**		Prepared: 11/05/2006 09:52 Analyzed: 11/09/2006 21:14						
Benzene	22	1.0	ug/L	20.0	1.0 U	108	53-150	5	23	
Trichloroethene	21	1.0	ug/L	20.0	1.0 U	103	64-124	2	25	
Chlorobenzene	19	1.0	ug/L	20.0	1.0 U	96	44-128	1	22	
1,1-Dichloroethene	24	1.0	ug/L	20.0	1.0 U	119	36-177	2	30	
Toluene	20	1.0	ug/L	20.0	1.0 U	100	40-161	2	23	
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6J27008 - EPA 3005A										
Blank (6J27008-BLK1)				Prepared: 10/27/2006 08:54 Analyzed: 11/03/2006 08:44						
Arsenic	10.0 U	10.0	ug/L							
Barium	10.0 U	10.0	ug/L							
Cadmium	1.00 U	1.00	ug/L							
Chromium	10.0 U	10.0	ug/L							
Lead	10.0 U	10.0	ug/L							
Selenium	10.0 U	10.0	ug/L							
Silver	10.0 U	10.0	ug/L							
LCS (6J27008-BS1)				Prepared: 10/27/2006 08:54 Analyzed: 11/03/2006 08:51						
Arsenic	1090	10.0	ug/L	1000		109	82-117			
Barium	1060	10.0	ug/L	1000		106	72-125			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6J27008 - EPA 3005A										
LCS (6J27008-BS1) Continued				Prepared: 10/27/2006 08:54 Analyzed: 11/03/2006 08:51						
Cadmium	545	1.00	ug/L	500		109	72-120			
Chromium	1060	10.0	ug/L	1000		106	78-119			
Lead	1080	10.0	ug/L	1000		108	72-121			
Selenium	1090	10.0	ug/L	1000		109	82-127			
Silver	106	10.0	ug/L	100		106	80-128			
Matrix Spike (6J27008-MS1)		**Source: C603804-05**		Prepared: 10/27/2006 08:54 Analyzed: 11/03/2006 09:09						
Arsenic	1050	10.0	ug/L	1000	3.30	104	64-126			
Barium	1020	10.0	ug/L	1000	13.0	101	74-119			
Cadmium	521	1.00	ug/L	500	1.00 U	104	68-121			
Chromium	1020	10.0	ug/L	1000	10.0 U	102	73-120			
Lead	1030	10.0	ug/L	1000	10.0 U	103	68-126			
Selenium	1040	10.0	ug/L	1000	10.0 U	104	65-129			
Silver	102	10.0	ug/L	100	10.0 U	102	69-121			
Matrix Spike Dup (6J27008-MSD1)		**Source: C603804-05**		Prepared: 10/27/2006 08:54 Analyzed: 11/03/2006 09:16						
Arsenic	1110	10.0	ug/L	1000	3.30	110	64-126	6	12	
Barium	1080	10.0	ug/L	1000	13.0	107	74-119	5	11	
Cadmium	547	1.00	ug/L	500	1.00 U	109	68-121	5	12	
Chromium	1060	10.0	ug/L	1000	10.0 U	106	73-120	5	10	
Lead	1080	10.0	ug/L	1000	10.0 U	108	68-126	5	19	
Selenium	1100	10.0	ug/L	1000	10.0 U	110	65-129	5	10	
Silver	106	10.0	ug/L	100	10.0 U	106	69-121	4	12	
Batch 6J30019 - EPA 7470A										
Blank (6J30019-BLK1)				Prepared: 10/30/2006 15:41 Analyzed: 10/31/2006 13:01						
Mercury	0.20 U	0.20	ug/L							
LCS (6J30019-BS1)				Prepared: 10/30/2006 15:41 Analyzed: 10/31/2006 13:03						
Mercury	4.94	0.20	ug/L	5.00		99	87-123			
Matrix Spike (6J30019-MS1)		**Source: C603804-05**		Prepared: 10/30/2006 15:41 Analyzed: 10/31/2006 13:07						
Mercury	4.56	0.20	ug/L	5.00	0.20 U	91	63-132			
Matrix Spike Dup (6J30019-MSD1)		**Source: C603804-05**		Prepared: 10/30/2006 15:41 Analyzed: 10/31/2006 13:09						
Mercury	4.65	0.20	ug/L	5.00	0.20 U	93	63-132	2	10	
Post Spike (6J30019-PS1)		**Source: C603804-05**		Prepared: 10/30/2006 15:41 Analyzed: 10/31/2006 13:11						
Mercury	4.58	0.20	ug/L	5.00	-0.0703	93	85-115			
Batch 6J30020 - EPA 7470A										
Blank (6J30020-BLK1)				Prepared: 10/30/2006 15:50 Analyzed: 10/31/2006 11:58						
Mercury	0.20 U	0.20	ug/L							
LCS (6J30020-BS1)				Prepared: 10/30/2006 15:50 Analyzed: 10/31/2006 12:00						
Mercury	4.87	0.20	ug/L	5.00		97	87-123			
Matrix Spike (6J30020-MS1)		**Source: C603658-01**		Prepared: 10/30/2006 15:50 Analyzed: 10/31/2006 12:11						
Mercury	4.66	0.20	ug/L	5.00	0.20 U	93	63-132			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6J30020 - EPA 7470A										
Matrix Spike Dup (6J30020-MSD1)		**Source: C603658-01**		Prepared: 10/30/2006 15:50 Analyzed: 10/31/2006 12:13						
Mercury	4.61	0.20	ug/L	5.00	0.20 U	92	63-132	1	10	
Post Spike (6J30020-PS1)		**Source: C603658-01**		Prepared: 10/30/2006 15:50 Analyzed: 10/31/2006 12:15						
Mercury	4.68	0.20	ug/L	5.00	-0.0716	95	85-115			
Batch 6J31006 - EPA 3005A										
Blank (6J31006-BLK1)				Prepared: 10/31/2006 09:09 Analyzed: 11/02/2006 11:39						
Arsenic	10.0 U	10.0	ug/L							
Barium	10.0 U	10.0	ug/L							
Cadmium	1.00 U	1.00	ug/L							
Chromium	10.0 U	10.0	ug/L							
Lead	10.0 U	10.0	ug/L							
Selenium	10.0 U	10.0	ug/L							
Silver	10.0 U	10.0	ug/L							
LCS (6J31006-BS1)				Prepared: 10/31/2006 09:09 Analyzed: 11/02/2006 11:46						
Arsenic	1050	10.0	ug/L	1000		105	82-117			
Barium	1040	10.0	ug/L	1000		104	72-125			
Cadmium	533	1.00	ug/L	500		107	72-120			
Chromium	1040	10.0	ug/L	1000		104	78-119			
Lead	1050	10.0	ug/L	1000		105	72-121			
Selenium	1060	10.0	ug/L	1000		106	82-127			
Silver	102	10.0	ug/L	100		102	80-128			
Matrix Spike (6J31006-MS1)		**Source: C603658-01**		Prepared: 10/31/2006 09:09 Analyzed: 11/02/2006 12:04						
Arsenic	1090	10.0	ug/L	1000	10.0 U	109	64-126			
Barium	1140	10.0	ug/L	1000	73.7	107	74-119			
Cadmium	536	1.00	ug/L	500	1.00 U	107	68-121			
Chromium	1060	10.0	ug/L	1000	10.0 U	106	73-120			
Lead	1070	10.0	ug/L	1000	10.0 U	107	68-126			
Selenium	1110	10.0	ug/L	1000	10.0 U	111	65-129			
Silver	108	10.0	ug/L	100	10.0 U	108	69-121			
Matrix Spike Dup (6J31006-MSD1)		**Source: C603658-01**		Prepared: 10/31/2006 09:09 Analyzed: 11/02/2006 12:11						
Arsenic	1060	10.0	ug/L	1000	10.0 U	106	64-126	3	12	
Barium	1110	10.0	ug/L	1000	73.7	104	74-119	3	11	
Cadmium	526	1.00	ug/L	500	1.00 U	105	68-121	2	12	
Chromium	1030	10.0	ug/L	1000	10.0 U	103	73-120	2	10	
Lead	1050	10.0	ug/L	1000	10.0 U	105	68-126	2	19	
Selenium	1070	10.0	ug/L	1000	10.0 U	107	65-129	3	10	
Silver	103	10.0	ug/L	100	10.0 U	103	69-121	5	12	

QUALITY CONTROL

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

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K03018 - EPA 5030B_MS										
Blank (6K03018-BLK1)				Prepared: 11/06/2006 14:53 Analyzed: 11/06/2006 15:18						
Chloromethane	1.0 U	1.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
Bromomethane	1.0 U	1.0	ug/L							
Chloroethane	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
1,1-Dichloroethene	1.0 U	1.0	ug/L							
Acetone	5.0 U	5.0	ug/L							
Iodomethane	3.0 U	3.0	ug/L							
Carbon disulfide	5.0 U	5.0	ug/L							
Methylene chloride	2.0 U	2.0	ug/L							
Acrylonitrile	1.0 U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L							
1,1-Dichloroethane	1.0 U	1.0	ug/L							
Vinyl acetate	5.0 U	5.0	ug/L							
2-Butanone	5.0 U	5.0	ug/L							
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L							
Bromochloromethane	1.0 U	1.0	ug/L							
Chloroform	1.0 U	1.0	ug/L							
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
Carbon tetrachloride	1.0 U	1.0	ug/L							
1,2-Dichloroethane	1.0 U	1.0	ug/L							
Benzene	1.0 U	1.0	ug/L							
Trichloroethene	1.0 U	1.0	ug/L							
1,2-Dichloropropane	1.0 U	1.0	ug/L							
Dibromomethane	1.0 U	1.0	ug/L							
Bromodichloromethane	0.4 U	0.4	ug/L							
cis-1,3-Dichloropropene	0.2 U	0.2	ug/L							
4-Methyl-2-pentanone	5.0 U	5.0	ug/L							
Toluene	1.0 U	1.0	ug/L							
trans-1,3-Dichloropropene	0.2 U	0.2	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
Tetrachloroethene	1.0 U	1.0	ug/L							
2-Hexanone	5.0 U	5.0	ug/L							
Dibromochloromethane	0.2 U	0.2	ug/L							
Chlorobenzene	1.0 U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.3 U	0.3	ug/L							
Ethylbenzene	1.0 U	1.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
Styrene	1.0 U	1.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K03018 - EPA 5030B_MS										
Blank (6K03018-BLK1) Continued				Prepared: 11/06/2006 14:53 Analyzed: 11/06/2006 15:18						
Bromoform	1.0 U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.2 U	0.2	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L							
1,4-Dichlorobenzene	1.0 U	1.0	ug/L							
1,2-Dichlorobenzene	1.0 U	1.0	ug/L							
Blank (6K03018-BLK2)				Prepared: 11/06/2006 14:53 Analyzed: 11/07/2006 04:39						
Chloromethane	1.0 U	1.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
Bromomethane	1.0 U	1.0	ug/L							
Chloroethane	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
1,1-Dichloroethene	1.0 U	1.0	ug/L							
Acetone	5.0 U	5.0	ug/L							
Iodomethane	3.0 U	3.0	ug/L							
Carbon disulfide	5.0 U	5.0	ug/L							
Methylene chloride	2.0 U	2.0	ug/L							
Acrylonitrile	1.0 U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L							
1,1-Dichloroethane	1.0 U	1.0	ug/L							
Vinyl acetate	5.0 U	5.0	ug/L							
2-Butanone	5.0 U	5.0	ug/L							
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L							
Bromochloromethane	1.0 U	1.0	ug/L							
Chloroform	1.0 U	1.0	ug/L							
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
Carbon tetrachloride	1.0 U	1.0	ug/L							
1,2-Dichloroethane	1.0 U	1.0	ug/L							
Benzene	1.0 U	1.0	ug/L							
Trichloroethene	1.0 U	1.0	ug/L							
1,2-Dichloropropane	1.0 U	1.0	ug/L							
Dibromomethane	1.0 U	1.0	ug/L							
Bromodichloromethane	0.4 U	0.4	ug/L							
cis-1,3-Dichloropropene	0.2 U	0.2	ug/L							
4-Methyl-2-pentanone	5.0 U	5.0	ug/L							
Toluene	1.0 U	1.0	ug/L							
trans-1,3-Dichloropropene	0.2 U	0.2	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
Tetrachloroethene	1.0 U	1.0	ug/L							
2-Hexanone	5.0 U	5.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K03018 - EPA 5030B_MS										
Blank (6K03018-BLK2) Continued				Prepared: 11/06/2006 14:53 Analyzed: 11/07/2006 04:39						
Dibromochloromethane	0.2 U	0.2	ug/L							
Chlorobenzene	1.0 U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.3 U	0.3	ug/L							
Ethylbenzene	1.0 U	1.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
Styrene	1.0 U	1.0	ug/L							
Bromoform	1.0 U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.2 U	0.2	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L							
1,4-Dichlorobenzene	1.0 U	1.0	ug/L							
1,2-Dichlorobenzene	1.0 U	1.0	ug/L							
LCS (6K03018-BS1)				Prepared: 11/06/2006 14:53 Analyzed: 11/06/2006 23:31						
1,1-Dichloroethene	22.1	1.0	ug/L	20.0		111	31-145			
Benzene	18.2	1.0	ug/L	20.0		91	62-135			
Trichloroethene	16.9	1.0	ug/L	20.0		84	66-136			
Toluene	17.1	1.0	ug/L	20.0		85	74-126			
Chlorobenzene	17.1	1.0	ug/L	20.0		85	77-124			
Matrix Spike (6K03018-MS1)		**Source: B609552-05**		Prepared: 11/06/2006 14:53 Analyzed: 11/07/2006 00:02						
1,1-Dichloroethene	28.0	1.0	ug/L	20.0	1.0 U	140	58-149			
Benzene	21.4	1.0	ug/L	20.0	1.0 U	107	64-138			
Trichloroethene	20.1	1.0	ug/L	20.0	1.0 U	101	47-150			
Toluene	19.2	1.0	ug/L	20.0	1.0 U	96	72-124			
Chlorobenzene	20.2	1.0	ug/L	20.0	1.0 U	101	81-125			
Matrix Spike Dup (6K03018-MSD1)		**Source: B609552-05**		Prepared: 11/06/2006 14:53 Analyzed: 11/07/2006 00:33						
1,1-Dichloroethene	28.4	1.0	ug/L	20.0	1.0 U	142	58-149	1	26	
Benzene	23.2	1.0	ug/L	20.0	1.0 U	116	64-138	8	22	
Trichloroethene	21.2	1.0	ug/L	20.0	1.0 U	106	47-150	5	24	
Toluene	21.1	1.0	ug/L	20.0	1.0 U	106	72-124	9	24	
Chlorobenzene	20.5	1.0	ug/L	20.0	1.0 U	102	81-125	1	11	
Batch 6K09010 - EPA 5030B_MS										
Blank (6K09010-BLK1)				Prepared: 11/08/2006 09:00 Analyzed: 11/08/2006 11:00						
Chloromethane	1.0 U	1.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
Bromomethane	1.0 U	1.0	ug/L							
Chloroethane	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
1,1-Dichloroethene	1.0 U	1.0	ug/L							
Acetone	5.0 U	5.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K09010 - EPA 5030B_MS										
Blank (6K09010-BLK1) Continued				Prepared: 11/08/2006 09:00 Analyzed: 11/08/2006 11:00						
Iodomethane	3.0 U	3.0	ug/L							
Carbon disulfide	5.0 U	5.0	ug/L							
Methylene chloride	2.0 U	2.0	ug/L							
Acrylonitrile	1.0 U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L							
1,1-Dichloroethane	1.0 U	1.0	ug/L							
Vinyl acetate	5.0 U	5.0	ug/L							
2-Butanone	5.0 U	5.0	ug/L							
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L							
Bromochloromethane	1.0 U	1.0	ug/L							
Chloroform	1.0 U	1.0	ug/L							
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
Carbon tetrachloride	1.0 U	1.0	ug/L							
1,2-Dichloroethane	1.0 U	1.0	ug/L							
Benzene	1.0 U	1.0	ug/L							
Trichloroethene	1.0 U	1.0	ug/L							
1,2-Dichloropropane	1.0 U	1.0	ug/L							
Dibromomethane	1.0 U	1.0	ug/L							
Bromodichloromethane	0.4 U	0.4	ug/L							
cis-1,3-Dichloropropene	0.2 U	0.2	ug/L							
4-Methyl-2-pentanone	5.0 U	5.0	ug/L							
Toluene	1.0 U	1.0	ug/L							
trans-1,3-Dichloropropene	0.2 U	0.2	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
Tetrachloroethene	1.0 U	1.0	ug/L							
2-Hexanone	5.0 U	5.0	ug/L							
Dibromochloromethane	0.2 U	0.2	ug/L							
Chlorobenzene	1.0 U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.3 U	0.3	ug/L							
Ethylbenzene	1.0 U	1.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
Styrene	1.0 U	1.0	ug/L							
Bromoform	1.0 U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.2 U	0.2	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L							
1,4-Dichlorobenzene	1.0 U	1.0	ug/L							
1,2-Dichlorobenzene	1.0 U	1.0	ug/L							
Blank (6K09010-BLK2)				Prepared: 11/08/2006 09:00 Analyzed: 11/09/2006 00:22						

QUALITY CONTROL

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

Volatile Organic Compounds by GCMS - Quality Control

Batch 6K09010 - EPA 5030B_MS

Blank (6K09010-BLK2) Continued Prepared: 11/08/2006 09:00 Analyzed: 11/09/2006 00:22

Chloromethane	1.0 U	1.0	ug/L
Vinyl chloride	1.0 U	1.0	ug/L
Bromomethane	1.0 U	1.0	ug/L
Chloroethane	1.0 U	1.0	ug/L
Trichlorofluoromethane	1.0 U	1.0	ug/L
1,1-Dichloroethene	1.0 U	1.0	ug/L
Acetone	5.0 U	5.0	ug/L
Iodomethane	3.0 U	3.0	ug/L
Carbon disulfide	5.0 U	5.0	ug/L
Methylene chloride	2.0 U	2.0	ug/L
Acrylonitrile	1.0 U	1.0	ug/L
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L
1,1-Dichloroethane	1.0 U	1.0	ug/L
Vinyl acetate	5.0 U	5.0	ug/L
2-Butanone	5.0 U	5.0	ug/L
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L
Bromochloromethane	1.0 U	1.0	ug/L
Chloroform	1.0 U	1.0	ug/L
1,1,1-Trichloroethane	1.0 U	1.0	ug/L
Carbon tetrachloride	1.0 U	1.0	ug/L
1,2-Dichloroethane	1.0 U	1.0	ug/L
Benzene	1.0 U	1.0	ug/L
Trichloroethene	1.0 U	1.0	ug/L
1,2-Dichloropropane	1.0 U	1.0	ug/L
Dibromomethane	1.0 U	1.0	ug/L
Bromodichloromethane	0.4 U	0.4	ug/L
cis-1,3-Dichloropropene	0.2 U	0.2	ug/L
4-Methyl-2-pentanone	5.0 U	5.0	ug/L
Toluene	1.0 U	1.0	ug/L
trans-1,3-Dichloropropene	0.2 U	0.2	ug/L
1,1,2-Trichloroethane	1.0 U	1.0	ug/L
Tetrachloroethene	1.0 U	1.0	ug/L
2-Hexanone	5.0 U	5.0	ug/L
Dibromochloromethane	0.2 U	0.2	ug/L
Chlorobenzene	1.0 U	1.0	ug/L
1,1,1,2-Tetrachloroethane	0.3 U	0.3	ug/L
Ethylbenzene	1.0 U	1.0	ug/L
m,p-Xylenes	2.0 U	2.0	ug/L
o-Xylene	1.0 U	1.0	ug/L
Styrene	1.0 U	1.0	ug/L

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K09010 - EPA 5030B_MS										
Blank (6K09010-BLK2) Continued				Prepared: 11/08/2006 09:00 Analyzed: 11/09/2006 00:22						
Bromoform	1.0 U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.2 U	0.2	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L							
1,4-Dichlorobenzene	1.0 U	1.0	ug/L							
1,2-Dichlorobenzene	1.0 U	1.0	ug/L							
Matrix Spike (6K09010-MS1)		**Source: B609701-04**		Prepared: 11/08/2006 09:00 Analyzed: 11/08/2006 12:32						
1,1-Dichloroethene	20.1	1.0	ug/L	20.0	1.0 U	100	58-149			
Benzene	16.4	1.0	ug/L	20.0	1.0 U	82	64-138			
Trichloroethene	14.4	1.0	ug/L	20.0	1.0 U	72	47-150			
Toluene	15.3	1.0	ug/L	20.0	1.0 U	76	72-124			
Chlorobenzene	15.2 QM-07	1.0	ug/L	20.0	1.0 U	76	81-125			QM-07
Matrix Spike Dup (6K09010-MSD1)		**Source: B609701-04**		Prepared: 11/08/2006 09:00 Analyzed: 11/08/2006 13:03						
1,1-Dichloroethene	24.3	1.0	ug/L	20.0	1.0 U	121	58-149	19	26	
Benzene	20.7 QR-02	1.0	ug/L	20.0	1.0 U	104	64-138	23	22	QR-02
Trichloroethene	18.6 QR-02	1.0	ug/L	20.0	1.0 U	93	47-150	25	24	QR-02
Toluene	19.0	1.0	ug/L	20.0	1.0 U	95	72-124	22	24	
Chlorobenzene	18.9 QM-07	1.0	ug/L	20.0	1.0 U	94	81-125	21	11	QM-07

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K07007 - EPA 5030B_MS										
Blank (6K07007-BLK1)				Prepared: 11/07/2006 10:41 Analyzed: 11/07/2006 12:29						
1,1,1,2-Tetrachloroethane	1.0 U	1.0	ug/L							
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.20 U	0.20	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
1,1-Dichloroethane	1.0 U	1.0	ug/L							
1,1-Dichloroethene	1.0 U	1.0	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
1,2-Dichlorobenzene	1.0 U	1.0	ug/L							
1,2-Dichloroethane	1.0 U	1.0	ug/L							
1,2-Dichloropropane	1.0 U	1.0	ug/L							
1,4-Dichlorobenzene	1.0 U	1.0	ug/L							
2-Butanone	5.0 U	5.0	ug/L							
2-Hexanone	5.0 U	5.0	ug/L							
4-Methyl-2-pentanone	5.0 U	5.0	ug/L							
Acetone	5.0 U	5.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K07007 - EPA 5030B_MS										
Blank (6K07007-BLK1) Continued				Prepared: 11/07/2006 10:41 Analyzed: 11/07/2006 12:29						
Acrylonitrile	2.0 U	2.0	ug/L							
Benzene	1.0 U	1.0	ug/L							
Bromochloromethane	1.0 U	1.0	ug/L							
Bromodichloromethane	0.40 U	0.40	ug/L							
Bromoform	1.0 U	1.0	ug/L							
Bromomethane	1.0 U	1.0	ug/L							
Carbon disulfide	5.0 U	5.0	ug/L							
Carbon tetrachloride	1.0 U	1.0	ug/L							
Chlorobenzene	1.0 U	1.0	ug/L							
Chloroethane	1.0 U	1.0	ug/L							
Chloroform	1.0 U	1.0	ug/L							
Chloromethane	1.0 U	1.0	ug/L							
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20 U	0.20	ug/L							
Dibromochloromethane	0.20 U	0.20	ug/L							
Dibromomethane	1.0 U	1.0	ug/L							
Ethylbenzene	1.0 U	1.0	ug/L							
Iodomethane	3.0 U	3.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
Methylene chloride	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
Styrene	1.0 U	1.0	ug/L							
Tetrachloroethene	1.0 U	1.0	ug/L							
Toluene	1.0 U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L							
trans-1,3-Dichloropropene	0.20 U	0.20	ug/L							
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L							
Trichloroethene	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
Vinyl acetate	1.0 U	1.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
Surrogate: Toluene-d8	*63*		*ug/L*	*50.0*		*125*	*87.6-125*			
Surrogate: 4-Bromofluorobenzene	*57*		*ug/L*	*50.0*		*114*	*57.1-125*			
Surrogate: Dibromofluoromethane	*57*		*ug/L*	*50.0*		*115*	*49.8-137*			
LCS (6K07007-BS1)				Prepared: 11/07/2006 10:41 Analyzed: 11/07/2006 12:00						
1,1-Dichloroethene	15	1.0	ug/L	20.0		74	55.1-177			
Benzene	19	1.0	ug/L	20.0		97	64.9-144			
Chlorobenzene	21	1.0	ug/L	20.0		104	63.5-136			
Toluene	20	1.0	ug/L	20.0		101	68.4-128			
Trichloroethene	21	1.0	ug/L	20.0		105	70.2-128			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6K07007 - EPA 5030B_MS										
LCS (6K07007-BS1) Continued				Prepared: 11/07/2006 10:41 Analyzed: 11/07/2006 12:00						
Surrogate: Toluene-d8	*53*		*ug/L*	*50.0*		*106*	*87.6-125*			
Surrogate: 4-Bromofluorobenzene	*51*		*ug/L*	*50.0*		*101*	*57.1-125*			
Surrogate: Dibromofluoromethane	*50*		*ug/L*	*50.0*		*99*	*49.8-137*			
Matrix Spike (6K07007-MS1)		**Source: A605352-01**		Prepared: 11/07/2006 10:41 Analyzed: 11/07/2006 12:59						
1,1-Dichloroethene	16	1.0	ug/L	20.0	1.0 U	80	55.1-177			
Benzene	20	1.0	ug/L	20.0	1.0 U	102	65-143			
Chlorobenzene	19	1.0	ug/L	20.0	1.0 U	96	63.5-136			
Toluene	20	1.0	ug/L	20.0	1.0 U	100	68.4-128			
Trichloroethene	19	1.0	ug/L	20.0	1.0 U	97	70.2-128			
Surrogate: Toluene-d8	*57*		*ug/L*	*50.0*		*114*	*87.6-125*			
Surrogate: 4-Bromofluorobenzene	*50*		*ug/L*	*50.0*		*101*	*57.1-125*			
Surrogate: Dibromofluoromethane	*56*		*ug/L*	*50.0*		*111*	*49.8-137*			
Matrix Spike Dup (6K07007-MSD1)		**Source: A605352-01**		Prepared: 11/07/2006 10:41 Analyzed: 11/07/2006 13:29						
1,1-Dichloroethene	17	1.0	ug/L	20.0	1.0 U	85	55.1-177	6	15.6	
Benzene	22	1.0	ug/L	20.0	1.0 U	111	65-143	9	11.8	
Chlorobenzene	22	1.0	ug/L	20.0	1.0 U	112	63.5-136	15	18.9	
Toluene	23	1.0	ug/L	20.0	1.0 U	113	68.4-128	12	12.4	
Trichloroethene	22	1.0	ug/L	20.0	1.0 U	111	70.2-128	13	13.3	
Surrogate: Toluene-d8	*58*		*ug/L*	*50.0*		*116*	*87.6-125*			
Surrogate: 4-Bromofluorobenzene	*56*		*ug/L*	*50.0*		*111*	*57.1-125*			
Surrogate: Dibromofluoromethane	*59*		*ug/L*	*50.0*		*117*	*49.8-137*			

NOTES AND DEFINITIONS

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
U	Analyte included in the analysis, but not detected

Laboratory Certification Summary

Analysis	Matrix	Cert ID	Cert Number
8260B Appendix 1	Water	NC	591
Arsenic Total EPA 6010B	Water	NC	591
Barium Total EPA 6010B	Water	NC	591
Cadmium Total EPA 6010B	Water	NC	591
Chromium Total EPA 6010B	Water	NC	591
Lead Total EPA 6010B	Water	NC	591
Mercury Total EPA 7470A	Water	NC	591
Selenium Total EPA 6010B	Water	NC	591
Silver Total EPA 6010B	Water	NC	591
8260B Appendix 1	Water	NC	442
8260B Appendix 1	Water	NC	424

GREY ENGINEERING, INC.

GROUNDWATER SAMPLING FIELD DATA

Location: Davie County Landfill

Source /Well: MW-1 * Duplicate taken @ location

Locked: YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description: Top of Casing

Purge Date: 10/24/06

Purge Time: ____ to ____

Sample Date: 10/24/06

Sample Time: 1510

Sampled By: S. Mulrooney

Weather: sunny, cool

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	19.38	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	39.3	ft.
5)	Height of water column (h)	19.92	ft.

Well Purging and Sample Collection

1)	Purge Method	whale pump	
2)	Sample Method	whale pump	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	3.3	gal.
4)	Volume of water removed prior to sampling	14	gal.
5)	Was well purged DRY ? YES ____ NO	x	

Field Analysis

1)	Temperature	15.7	°C
2)	Specific Conductance	1258	µmhos/cm
3)	pH	7.76	
4)	Physical Appearance and Odor	Clear and ~~Rancid~~ no odor	

* Duplicate taken at MW-1
{DUP-1800-10/24/06}

GREY ENGINEERING, 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: 10/24/06
Purge Time: ____ to ____
Sample Date: 10/24/06
Sample Time: 1115
Sampled By: S. Mulrooney
Weather: Sunny / 1000

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	6.10	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	22.1	ft.
5)	Height of water column (h)	16.00	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)	2.8	gal.
4)	Volume of water removed prior to sampling	6.0	gal.
5)	Was well purged DRY ? YES ____ NO	X	

Field Analysis

1)	Temperature	14.4	°C
2)	Specific Conductance	125.7	µmhos/cm
3)	pH	6.93	
4)	Physical Appearance and Odor	Clear and Odorless	

GREY ENGINEERING, 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: 10/25/06
Purge Time: ____ to ____
Sample Date: 10/25/06
Sample Time: 8.55
Sampled By: SM
Weather: cold

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	12.80	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	36.75	ft.
5)	Height of water column (h)	23.95	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)	4.0	gal.
4)	Volume of water removed prior to sampling	13.0	gal.
5)	Was well purged DRY ? YES ____ NO	____	

Field Analysis

1)	Temperature	13.8	°C
2)	Specific Conductance	73.5	µmhos/cm
3)	pH	7.24	
4)	Physical Appearance and Odor	Clear and Odorless	

Casing separated @ first joint

GREY ENGINEERING, 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: 10/25/06

Purge Time: ____ to ____

Sample Date: 10/25/06

Sample Time: 0850

Sampled By: GARY SIMCOX

Weather: CLEAR/COLD

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	11.08	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	30.3	ft.
5)	Height of water column (h)	19.22	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)	3.3	gal.
4)	Volume of water removed prior to sampling	____	gal.
5)	Was well purged DRY ? YES ____ NO	X	

Field Analysis

1)	Temperature	14.28	°C
2)	Specific Conductance	97.2	µmhos/cm
3)	pH	5.95	
4)	Physical Appearance and Odor	CLEAR/NONE	

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

GREY ENGINEERING, 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: 10/24/06

Purge Time: ____ to ____

Sample Date: 10/24/06

Sample Time: 1300

Sampled By: GWS

Weather: WINDY/COLD

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	67.03	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	83.6	ft.
5)	Height of water column (h)	16.57	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP w/ BALL VALVE	
2)	Sample Method	____	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	2.8	gal.
4)	Volume of water removed prior to sampling	____	gal.
5)	Was well purged DRY ? YES ____ NO ____		

Field Analysis

1)	Temperature	15.44	°C
2)	Specific Conductance	37.8	µmhos/cm
3)	pH	5.94	
4)	Physical Appearance and Odor	CLEAR/NONE	

GREY ENGINEERING, 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: 10/25/06

Purge Time: ____ to ____

Sample Date: 10/25/06

Sample Time: 1050

Sampled By: SM

Weather: cold, sunny

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	7.32	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	15.35	ft.
5)	Height of water column (h)	8.03	ft.

Well Purging and Sample Collection

1)	Purge Method	Submersible pump	
2)	Sample Method	submersible pump	
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	4.5	gal.
5)	Was well purged DRY ? YES ____ NO	X	

Field Analysis

1)	Temperature	10.9	°C
2)	Specific Conductance	12.10	µmhos/cm
3)	pH	7.33	
4)	Physical Appearance and Odor	clear, no odor	

GREY ENGINEERING, 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: 10/25/06
Purge Time: ____ to ____
Sample Date: 10/25/06
Sample Time: 1035
Sampled By: Gary Simcox
Weather: CLEAR/ COLD

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	17.95	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	20.67	ft.
5)	Height of water column (h)	2.72	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)	.5	gal.
4)	Volume of water removed prior to sampling	5 LITERS	
5)	Was well purged DRY ? YES ____ NO	X	

Field Analysis

1)	Temperature	13.43	°C
2)	Specific Conductance	5.3	µmhos/cm
3)	pH	5.94	
4)	Physical Appearance and Odor	CLEAR NONE	

No tag on well casing

GREY ENGINEERING, 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: 10/25/06
Purge Time: ____ to ____
Sample Date: 10/25/06
Sample Time: 1140
Sampled By: Gary Simcox
Weather: P/cloudy/cold

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	5.44	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	14.15	ft.
5)	Height of water column (h)	9.11	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)	1.6	gal.
4)	Volume of water removed prior to sampling	5.0	gal.
5)	Was well purged DRY ? YES ____ NO	X	

Field Analysis

1)	Temperature	15.58	°C
2)	Specific Conductance	9.6	µmhos/cm
3)	pH	6.84	
4)	Physical Appearance and Odor	Clear/None	

GREY ENGINEERING, 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: 10/25/06
Purge Time: ____ to ____
Sample Date: 10/25/06
Sample Time: 0935
Sampled By: Gary Simcox
Weather: CLEAR/ COLD

Water Level and Well Data

1) Depth to free product from measuring point ____ ft.
2) Depth to water from measuring point 14.96 ft.
3) Thickness of free product ____ ft.
4) Depth to well bottom from measuring point 15.90 ~~17.55~~ ft.
5) Height of water column (h) .94 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) .16 gal.
4) Volume of water removed prior to sampling 1.0 gal.
5) Was well purged DRY ? YES ____ NO X

Field Analysis

1) Temperature 14.23 °C
2) Specific Conductance 12.4 µmhos/cm
3) pH 5.88
4) Physical Appearance and Odor CLEAR /NONE

GREY ENGINEERING, 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: 10/24/06

Purge Time: ____ to ____

Sample Date: 10/24/06

Sample Time: 1605

Sampled By: S. Mulooney

Weather: Sunny, cool

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	48.72	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	57.6	ft.
5)	Height of water column (h)	8.88	ft.

Well Purging and Sample Collection

1)	Purge Method	whale pump	
2)	Sample Method	whale pump	
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	X	

Field Analysis

1)	Temperature	14.8	°C
2)	Specific Conductance	12.54	µmhos/cm
3)	pH	7.1	
4)	Physical Appearance and Odor	clear, no odor	

GREY ENGINEERING, 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: 10/24/06
Purge Time: ____ to ____
Sample Date: 10/24/06
Sample Time: 1610
Sampled By: GARY SIMCOX
Weather: CLEAR/WINDY

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	50.59	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	54.62	ft.
5)	Height of water column (h)	4.03	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP w/ BALL VALVE	
2)	Sample Method	____	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	.68	gal.
4)	Volume of water removed prior to sampling	2.1	gal.
5)	Was well purged DRY ? YES X NO ____		

Field Analysis

1)	Temperature	15.49	°C
2)	Specific Conductance	23.7	µmhos/cm
3)	pH	5.92	
4)	Physical Appearance and Odor	CLOUDY/NONE	

GREY ENGINEERING, INC.

GROUNDWATER SAMPLING FIELD DATA

10/24/06

Location: Davie County Landfill

Source /Well: MW-13

Locked: YES X NO ____

PVC X Steel ____ Stainless ____

Measuring Point Description: Top of casing

Purge Date: N/A

Purge Time: ____ to ____

Sample Date: NOT SAMPLED

Sample Time: ____

Sampled By: ____

Weather: CLEAR/COOL

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	34.74	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	35.17	ft.
5)	Height of water column (h)	.43	ft.

Well Purging and Sample Collection

1)	Purge Method	N/A	
2)	Sample Method	NOT SAMPLED	
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	

GREY ENGINEERING, 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: 10/25/06
Purge Time: ____ to ____
Sample Date: 10/25/06
Sample Time: 1245
Sampled By: GARY SIMCOX
Weather: P/CLOUDY / COOL

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	8.57	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	17.7	ft.
5)	Height of water column (h)	9.13	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)	1.6	gal.
4)	Volume of water removed prior to sampling	5.0	gal.
5)	Was well purged DRY ? YES ____ NO	____	

Field Analysis

1)	Temperature	16.1	°C
2)	Specific Conductance	207	µmhos/cm
3)	pH	6.45	
4)	Physical Appearance and Odor	CLEAR / NONE	

GREY ENGINEERING, 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: 10/24/06
Purge Time: ____ to ____
Sample Date: 10/25/06
Sample Time: 945
Sampled By: GWS
Weather: CLEAR/WINDY

Water Level and Well Data

1)	Depth to free product from measuring point	____ ft.
2)	Depth to water from measuring point	47.52 ft.
3)	Thickness of free product	____ ft.
4)	Depth to well bottom from measuring point	55.1 ft.
5)	Height of water column (h)	7.58 ft.

Well Purging and Sample Collection

1)	Purge Method	BAILER	
2)	Sample Method	BAILER	
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		4.0 gal.
5)	Was well purged DRY ?	YES ____ NO	X

Field Analysis

1)	Temperature	13.6	°C
2)	Specific Conductance	74.01	µmhos/cm
3)	pH	7.28	
4)	Physical Appearance and Odor	clear, odorless	

Hinged broken on well cap

GREY ENGINEERING, 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: 10/24/06
Purge Time: ____ to ____
Sample Date: 10/24/06
Sample Time: 1135
Sampled By: GWS
Weather: CLEAR/COLD

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	14.99	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	25.65	ft.
5)	Height of water column (h)	10.66	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP	
2)	Sample Method	WHALER PUMP	
3)	Volume of water in well		
	X 2" well...(v=0.163 x h)	1.8	gal.
4)	Volume of water removed prior to sampling	5.5	gal.
5)	Was well purged DRY ? YES ____ NO	X	

Field Analysis

1)	Temperature	14.1	°C
2)	Specific Conductance	13.3	µmhos/cm
3)	pH	5.85	
4)	Physical Appearance and Odor	CLEAR/ NONE	

GREY ENGINEERING, 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: 10/24/06

Purge Time: ____ to ____

Sample Date: 10/24/06

Sample Time: 1115

Sampled By: GWS

Weather: CLEAR / COLD

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	14.72	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	58.65	ft.
5)	Height of water column (h)	43.93	ft.

Well Purging and Sample Collection

1)	Purge Method	WHALER PUMP	
2)	Sample Method	WHALER PUMP	
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	X	

Field Analysis

1)	Temperature	13.85	°C
2)	Specific Conductance	32.4	µmhos/cm
3)	pH	6.02	
4)	Physical Appearance and Odor	CLEAR / NONE	

GREY ENGINEERING, 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: 10/24/06

Purge Time: ____ to ____

Sample Date: 10/24/06

Sample Time: 1350

Sampled By: S. Mulrooney

Weather: Sunny, cool

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	51.80	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	59.1	ft.
5)	Height of water column (h)	7.3	ft.

Well Purging and Sample Collection

1)	Purge Method	whale pump	
2)	Sample Method	whale pump	
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	3.0	gal.
5)	Was well purged DRY ? YES ____ NO	X	

Field Analysis

1)	Temperature	17.2	°C
2)	Specific Conductance	24.6	µmhos/cm
3)	pH	7.99	
4)	Physical Appearance and Odor	odorless, cloudy	

GREY ENGINEERING, 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: 10/24/06

Purge Time: ____ to ____

Sample Date: 10/24/06

Sample Time: 1235

Sampled By: S. Mulrooney

Weather: sunny, cool

Water Level and Well Data

1)	Depth to free product from measuring point	____	ft.
2)	Depth to water from measuring point	27.69	ft.
3)	Thickness of free product	____	ft.
4)	Depth to well bottom from measuring point	35.65	ft.
5)	Height of water column (h)	7.96	ft.

Well Purging and Sample Collection

1)	Purge Method	whaler pump	
2)	Sample Method	whaler pump	
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	X	

Field Analysis

1)	Temperature	14.2	°C
2)	Specific Conductance	16.51	µmhos/cm
3)	pH	7.97	
4)	Physical Appearance and Odor	clear, odorless	

GREY ENGINEERING, 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: 10/24/06

Purge Time: _____ to _____

Sample Date: _____

Sample Time: 1735

Sampled By: Gary Simcox

Weather: cool, sunny

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	grab	
2)	Sample Method	Grab	
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	10.2	°C
2)	Specific Conductance	17.60	µmhos/cm
3)	pH	8.16	
4)	Physical Appearance and Odor	clear	

GREY ENGINEERING, 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: 10/24/06

Purge Time: _____ to _____

Sample Date: _____

Sample Time: 1645

Sampled By: S. Mulrooney

Weather: cool, sunny

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	9.9	°C
2)	Specific Conductance	17.12	µmhos/cm
3)	pH	8.81	
4)	Physical Appearance and Odor	Clear	

GREY ENGINEERING, 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: 10/25/06

Purge Time: _____ to _____

Sample Date: 10/25/06

Sample Time: 915

Sampled By: SM

Weather: cold

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	7.2	°C
2)	Specific Conductance	38.4	µmhos/cm
3)	pH	7.22	
4)	Physical Appearance and Odor	clear, no odor	

Only 2 VOA's

GREY ENGINEERING, 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: 10/24/06

Sample Time: 1200

Sampled By: GWS

Weather: CLEAR/COOL

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	N/A	
2)	Sample Method	GRAB	
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	9.41	°C
2)	Specific Conductance	19.3	µmhos/cm
3)	pH	6.73	
4)	Physical Appearance and Odor	CLEAR/NONE	

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

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

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

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): Gary Simmons, Shawn Mulrooney	Billing Contact: Accounts Payable
Sampler(s) Signature: [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: C603804

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	10/24/06	1510	G	Water	4	X	X									
	MW-2	10/24/06	1115	G	Water	4	X	X									
	MW-3	10/25/06	0855	G	Water	4	X	X									
	MW-4	10/25/06	0850	G	Water	4	X	X									
	MW-5 MS/MSD	10/24/06	1300	G	Water	7	X	X									
	MW-6	10/25/06	1050	G	Water	4	X	X									
	MW-7	10/25/06	1035	G	Water	4	X	X									
	MW-8	10/25/06	1140	G	Water	4	X	X									
	MW-9	10/25/06	0935	G	Water	4	X	X									
	MW-10	10/24/06	1605	G	Water	4	X	X									
	~~MW-11~~				Water	~~4~~	~~X~~	~~X~~									
	MW-12	10/24/06	1610	G	Water	4	X	X									
							<-- Total # of Containers										

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
CARY	10/12/06 800	[signature]	10/25/06 1600		
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

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

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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

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): Gary Simmons Shawn Mulrooney	Billing Contact: Accounts Payable
Sampler(s) Signature: [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

1 Standard

___ Expedited

Due ___/___/___

Lab Workorder: C603804

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-13~~				Water	4	X	X	
	MW-14	10/25/06	1245	G	Water	4	X	X	
	MW-15	10/25/06	0945	G	Water	4	X	X	
	MW-16S	10/24/06	1135	G	Water	4	X	X	
	MW-16D	10/24/06	1115	G	Water	4	X	X	
	MW-17	10/24/06	1350	G	Water	4	X	X	
	MW-18	10/24/06	1235	G	Water	4	X	X	
	SW-1	10/24/06	1735	G	Water	4	X	X	
	SW-2	10/24/06	1645	G	Water	4	X	X	
	SW-3	10/25/06	0915	G	Water	4	X	X	
	SW-4	10/24/06	1200	G	Water	4	X	X	
	DUP	10/24/06	1800	G	Water	4	X	X	

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
CARY	10/24/06 800	[signature]	10/25/06 1600		
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

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

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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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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: C603804

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				Water	3	X		

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
CARY	10/12/06 800	[signature]	10/25/06 1600		
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

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

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