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

Wednesday, November 19, 2008

Grey Engineering (GR009)

Attn: Beth Brown

254 West Water Street

Mocksville, NC 27028

RE: Laboratory Results for
Project Number: 1584-03-109, Project Name/Desc: Davie County Landfill
ENCO Workorder: C812047

Dear Beth Brown,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, November 7, 2008.

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

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

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

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

Sincerely,

Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 82.

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1 MS/MSD **Lab ID:** C812047-01 **Sampled:** 11/05/08 14:35 **Received:** 11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 12:48
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 14:37
EPA 8260B	11/19/08	11/14/08 10:10	11/14/2008 14:27

Client ID: MW-2 **Lab ID:** C812047-02 **Sampled:** 11/06/08 10:55 **Received:** 11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/05/09	11/10/08 09:24	11/18/2008 13:12
EPA 7470A	12/04/08	11/10/08 09:18	11/11/2008 14:58
EPA 8260B	11/20/08	11/14/08 10:10	11/14/2008 17:51

Client ID: MW-3 **Lab ID:** C812047-03 **Sampled:** 11/05/08 15:35 **Received:** 11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 13:19
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:01
EPA 8260B	11/19/08	11/14/08 10:10	11/14/2008 18:20

Client ID: MW-4 **Lab ID:** C812047-04 **Sampled:** 11/05/08 12:40 **Received:** 11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 13:26
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 16:26
EPA 8260B	11/19/08	11/14/08 10:10	11/14/2008 18:49

Client ID: MW-5 **Lab ID:** C812047-05 **Sampled:** 11/06/08 10:00 **Received:** 11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/05/09	11/10/08 09:24	11/18/2008 13:33
EPA 7470A	12/04/08	11/10/08 09:18	11/11/2008 15:07
EPA 8260B	11/20/08	11/14/08 10:10	11/14/2008 19:18

Client ID: MW-6 **Lab ID:** C812047-06 **Sampled:** 11/05/08 11:45 **Received:** 11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 13:41
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:11
EPA 8260B	11/19/08	11/14/08 10:10	11/14/2008 19:47

www.encolabs.com

Client ID:	MW-7	Lab ID:	C812047-07	Sampled:	11/05/08 10:45	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 14:06
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:14
EPA 8260B	11/19/08	11/14/08 10:10	11/14/2008 20:16

Client ID:	MW-8	Lab ID:	C812047-08	Sampled:	11/05/08 13:45	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 14:45
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:17
EPA 8260B	11/19/08	11/14/08 10:10	11/14/2008 20:45

Client ID:	MW-10	Lab ID:	C812047-09	Sampled:	11/06/08 11:55	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/05/09	11/10/08 09:24	11/18/2008 14:21
EPA 7470A	12/04/08	11/10/08 09:18	11/11/2008 15:20
EPA 8260B	11/20/08	11/14/08 10:10	11/14/2008 21:14

Client ID:	MW-12	Lab ID:	C812047-10	Sampled:	11/06/08 10:30	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/05/09	11/10/08 09:24	11/18/2008 14:28
EPA 7470A	12/04/08	11/10/08 09:18	11/11/2008 15:23
EPA 8260B	11/20/08	11/14/08 10:10	11/14/2008 21:43

Client ID:	MW-14	Lab ID:	C812047-11	Sampled:	11/05/08 16:35	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 14:35
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 16:29
EPA 8260B	11/19/08	11/14/08 13:21	11/15/2008 05:58

Client ID:	MW-15	Lab ID:	C812047-12	Sampled:	11/05/08 15:30	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 14:52
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:35
EPA 8260B	11/19/08	11/14/08 13:21	11/15/2008 06:27

Client ID:	MW-16S	Lab ID:	C812047-13	Sampled:	11/05/08 11:20	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 14:59
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:38
EPA 8260B	11/19/08	11/14/08 13:21	11/15/2008 06:56

www.encolabs.com

Client ID:	MW-16D	Lab ID:	C812047-14	Sampled:	11/05/08 10:55	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 15:06
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:41
EPA 8260B	11/19/08	11/14/08 13:21	11/15/2008 07:26

Client ID:	MW-17	Lab ID:	C812047-15	Sampled:	11/06/08 08:10	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/05/09	11/10/08 09:24	11/18/2008 15:14
EPA 7470A	12/04/08	11/10/08 09:18	11/11/2008 15:44
EPA 8260B	11/20/08	11/14/08 13:21	11/15/2008 07:55

Client ID:	MW-18	Lab ID:	C812047-16	Sampled:	11/05/08 16:10	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 15:21
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:47
EPA 8260B	11/19/08	11/14/08 13:21	11/15/2008 08:24

Client ID:	SW-1	Lab ID:	C812047-17	Sampled:	11/06/08 11:25	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/05/09	11/10/08 09:24	11/18/2008 16:01
EPA 7470A	12/04/08	11/10/08 09:18	11/11/2008 15:50
EPA 8260B	11/20/08	11/14/08 13:21	11/15/2008 08:53

Client ID:	SW-2	Lab ID:	C812047-18	Sampled:	11/06/08 12:05	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/05/09	11/10/08 09:24	11/18/2008 16:09
EPA 7470A	12/04/08	11/10/08 09:18	11/11/2008 15:53
EPA 8260B	11/20/08	11/14/08 13:21	11/15/2008 09:22

Client ID:	SW-4	Lab ID:	C812047-19	Sampled:	11/06/08 11:15	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/05/09	11/10/08 09:24	11/18/2008 16:16
EPA 7470A	12/04/08	11/10/08 09:18	11/11/2008 15:56
EPA 8260B	11/20/08	11/14/08 13:21	11/15/2008 09:51

Client ID:	DUP	Lab ID:	C812047-20	Sampled:	11/05/08 10:45	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	05/04/09	11/10/08 09:24	11/18/2008 16:23
EPA 7470A	12/03/08	11/10/08 09:18	11/11/2008 15:59
EPA 8260B	11/19/08	11/14/08 13:21	11/15/2008 10:20

www.encolabs.com

Client ID:	TRIP BLANK	Lab ID:	C812047-21	Sampled:	11/05/08 10:45	Received:	11/07/08 14:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	11/19/08	11/14/08 13:21	11/15/2008 10:50

www.encolabs.com

NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: MW-1 MS/MSD **Lab ID:** C812047-01

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	5.3		1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	2.9		1	0.38	1.0	1	ug/L	EPA 8260B	
Acetone	2.4	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium	385		1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	1.8		1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	12		1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	9.9		1	0.36	1.0	5	ug/L	EPA 8260B	
Trichloroethene	8.4		1	0.38	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	3.0		1	0.30	1.0	1	ug/L	EPA 8260B	

Client ID: MW-2 **Lab ID:** C812047-02

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	0.60	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium	96.9	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	0.62	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	0.55	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	0.41	J	1	0.36	1.0	5	ug/L	EPA 8260B	

Client ID: MW-3 **Lab ID:** C812047-03

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	0.63	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium	17.9	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Chlorobenzene	0.61	J	1	0.27	1.0	3	ug/L	EPA 8260B	

Client ID: MW-4 **Lab ID:** C812047-04

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	4.1	J	1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	3.1		1	0.38	1.0	1	ug/L	EPA 8260B	
Barium	116		1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	2.8		1	0.20	1.0	1	ug/L	EPA 8260B	
Chlorobenzene	0.49	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chloroethane	4.1	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	14		1	0.36	1.0	5	ug/L	EPA 8260B	
trans-1,2-Dichloroethene	0.41	J	1	0.34	1.0	5	ug/L	EPA 8260B	
Trichloroethene	0.66	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	1.7		1	0.30	1.0	1	ug/L	EPA 8260B	

Client ID: MW-5 **Lab ID:** C812047-05

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	8.9		1	0.33	1.0	5	ug/L	EPA 8260B	
1,2-Dichloropropane	3.0		1	0.20	1.0	1	ug/L	EPA 8260B	
1,4-Dichlorobenzene	1.3		1	0.38	1.0	1	ug/L	EPA 8260B	
Barium	21.6	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	2.8		1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	2.1	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	11		1	0.36	1.0	5	ug/L	EPA 8260B	
Tetrachloroethene	4.4		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	14		1	0.38	1.0	1	ug/L	EPA 8260B	

Client ID: MW-5 **Lab ID: C812047-05**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Vinyl chloride	0.93	J	1	0.30	1.0	1	ug/L	EPA 8260B	

Client ID: MW-6 **Lab ID: C812047-06**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	82.6	J	1	1.00	10.0	100	ug/L	EPA 6010B	

Client ID: MW-7 **Lab ID: C812047-07**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	37.2	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Lead	4.8	J	1	1.9	10.0	10	ug/L	EPA 6010B	
Toluene	0.53	J	1	0.27	1.0	1	ug/L	EPA 8260B	

Client ID: MW-8 **Lab ID: C812047-08**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	14.3	J	1	1.00	10.0	100	ug/L	EPA 6010B	

Client ID: MW-10 **Lab ID: C812047-09**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	1.1	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium	12.3	J	1	1.00	10.0	100	ug/L	EPA 6010B	
cis-1,2-Dichloroethene	1.3	J	1	0.36	1.0	5	ug/L	EPA 8260B	
Tetrachloroethene	6.5		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	2.1		1	0.38	1.0	1	ug/L	EPA 8260B	

Client ID: MW-12 **Lab ID: C812047-10**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Arsenic	3.1	J	1	2.8	10.0	10	ug/L	EPA 6010B	
Barium	98.6	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Chromium	20.2		1	1.0	10.0	10	ug/L	EPA 6010B	
Lead	19.7		1	1.9	10.0	10	ug/L	EPA 6010B	
Tetrachloroethene	0.67	J	1	0.36	1.0	1	ug/L	EPA 8260B	

Client ID: MW-14 **Lab ID: C812047-11**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,4-Dichlorobenzene	0.58	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium	502		1	1.00	10.0	100	ug/L	EPA 6010B	
Chlorobenzene	1.7	J	1	0.27	1.0	3	ug/L	EPA 8260B	
Chromium	22.2		1	1.0	10.0	10	ug/L	EPA 6010B	
Lead	43.7		1	1.9	10.0	10	ug/L	EPA 6010B	
Mercury	0.11	J	1	0.11	0.20	0.2	ug/L	EPA 7470A	

Client ID: MW-15 **Lab ID: C812047-12**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	2.4	J	1	0.33	1.0	5	ug/L	EPA 8260B	
Barium	22.6	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	0.43	J	1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	3.1	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	1.1	J	1	0.36	1.0	5	ug/L	EPA 8260B	
m,p-Xylenes	0.68	J	1	0.48	2.0	NE	ug/L	EPA 8260B	
Tetrachloroethene	2.2		1	0.36	1.0	1	ug/L	EPA 8260B	

Client ID: MW-15 **Lab ID: C812047-12**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Trichloroethene	1.9		1	0.38	1.0	1	ug/L	EPA 8260B	
Trichlorofluoromethane	1.0		1	0.28	1.0	1	ug/L	EPA 8260B	
Xylenes (Total)	0.68	J	1	0.40	1.0	5	ug/L	EPA 8260B	

Client ID: MW-16S **Lab ID: C812047-13**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	61.0	J	1	1.00	10.0	100	ug/L	EPA 6010B	

Client ID: MW-16D **Lab ID: C812047-14**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	5.1		1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	0.86	J	1	0.38	1.0	1	ug/L	EPA 8260B	
Barium	81.2	J	1	1.00	10.0	100	ug/L	EPA 6010B	
Benzene	1.1		1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	1.7	J	1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	4.6	J	1	0.36	1.0	5	ug/L	EPA 8260B	
o-Xylene	0.44	J	1	0.27	1.0	NE	ug/L	EPA 8260B	
Tetrachloroethene	2.2		1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	1.3		1	0.38	1.0	1	ug/L	EPA 8260B	
Trichlorofluoromethane	0.79	J	1	0.28	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	0.57	J	1	0.30	1.0	1	ug/L	EPA 8260B	
Xylenes (Total)	0.44	J	1	0.40	1.0	5	ug/L	EPA 8260B	

Client ID: MW-17 **Lab ID: C812047-15**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	81.5	J	1	1.00	10.0	100	ug/L	EPA 6010B	

Client ID: MW-18 **Lab ID: C812047-16**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	8.70	J	1	1.00	10.0	100	ug/L	EPA 6010B	

Client ID: SW-1 **Lab ID: C812047-17**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Acetone	4.4	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium	24.2	J	1	1.00	10.0	100	ug/L	EPA 6010B	

Client ID: SW-2 **Lab ID: C812047-18**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Acetone	4.2	J	1	1.5	5.0	100	ug/L	EPA 8260B	
Barium	25.3	J	1	1.00	10.0	100	ug/L	EPA 6010B	

Client ID: SW-4 **Lab ID: C812047-19**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium	22.7	J	1	1.00	10.0	100	ug/L	EPA 6010B	

Client ID: DUP **Lab ID: C812047-20**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	5.6		1	0.33	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	2.7		1	0.38	1.0	1	ug/L	EPA 8260B	
Barium	396		1	1.00	10.0	100	ug/L	EPA 6010B	

www.encolabs.com

Client ID: DUP					Lab ID: C812047-20				
Analyte	**Results**	**Flag**	**DF**	**MDL**	**MRL**	**NC SWSL**	**Units**	**Method**	**Notes**
Benzene	1.7		1	0.20	1.0	1	ug/L	EPA 8260B	
Chloroethane	14		1	0.30	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	10		1	0.36	1.0	5	ug/L	EPA 8260B	
Tetrachloroethene	0.43	J	1	0.36	1.0	1	ug/L	EPA 8260B	
Trichloroethene	8.2		1	0.38	1.0	1	ug/L	EPA 8260B	
Vinyl chloride	3.2		1	0.30	1.0	1	ug/L	EPA 8260B	

www.encolabs.com

ANALYTICAL RESULTS

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

Lab Sample ID: C812047-01
Sampled: 11/05/08 14:35
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 14:27	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 14:27	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
1,1-Dichloroethane [75-34-3] ^	**5.3**		ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 14:27	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 14:27	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 14:27	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 14:27	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**2.9**		ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 14:27	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 14:27	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 14:27	JKG	
Acetone [67-64-1] ^	**2.4**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 14:27	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 14:27	JKG	
Benzene [71-43-2] ^	**1.8**		ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 14:27	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 14:27	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 14:27	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 14:27	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 14:27	JKG	
Chloroethane [75-00-3] ^	**12**		ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 14:27	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 14:27	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**9.9**		ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 14:27	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 14:27	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 14:27	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 14:27	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 14:27	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 14:27	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 14:27	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 14:27	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 14:27	JKG	

www.encolabs.com

Description:	MW-1 MS/MSD	**Lab Sample ID:**	C812047-01	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 14:35	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 14:27	JKG	
Trichloroethene [79-01-6] ^	**8.4**		ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 14:27	JKG	
Vinyl chloride [75-01-4] ^	**3.0**		ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 14:27	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 14:27	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*100 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 14:27*	*JKG*	
Dibromofluoromethane	*52*	*1*	*50.0*	*105 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 14:27*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 14:27*	*JKG*	

www.encolabs.com

Description:	MW-1 MS/MSD	**Lab Sample ID:**	C812047-01	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 14:35	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 12:48	VLO	
Barium [7440-39-3] ^	**385**		ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 12:48	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 12:48	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 12:48	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 12:48	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 14:37	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 12:48	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 12:48	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-02
Sampled: 11/06/08 10:55
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 17:51	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 17:51	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 17:51	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 17:51	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 17:51	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 17:51	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.60**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 17:51	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 17:51	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 17:51	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 17:51	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 17:51	JKG	
Benzene [71-43-2] ^	**0.62**	J	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 17:51	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 17:51	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 17:51	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 17:51	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 17:51	JKG	
Chloroethane [75-00-3] ^	**0.55**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 17:51	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 17:51	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**0.41**	J	ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 17:51	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 17:51	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 17:51	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 17:51	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 17:51	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 17:51	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 17:51	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 17:51	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 17:51	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 17:51	JKG	

www.encolabs.com

Description:	MW-2	**Lab Sample ID:**	C812047-02	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 10:55	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 17:51	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 17:51	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 17:51	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*99 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 17:51*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 17:51*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*107 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 17:51*	*JKG*	

www.encolabs.com

Description:	MW-2	**Lab Sample ID:**	C812047-02	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 10:55	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 13:12	VLO	
Barium [7440-39-3] ^	**96.9**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 13:12	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 13:12	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 13:12	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:12	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 14:58	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 13:12	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:12	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-03
Sampled: 11/05/08 15:35
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 18:20	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 18:20	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 18:20	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 18:20	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 18:20	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 18:20	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.63**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 18:20	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 18:20	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 18:20	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 18:20	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 18:20	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 18:20	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 18:20	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 18:20	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 18:20	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Chlorobenzene [108-90-7] ^	**0.61**	J	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 18:20	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 18:20	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 18:20	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 18:20	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 18:20	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 18:20	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 18:20	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 18:20	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 18:20	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 18:20	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 18:20	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 18:20	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 18:20	JKG	

www.encolabs.com

Description:	MW-3	**Lab Sample ID:**	C812047-03	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 15:35	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 18:20	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 18:20	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 18:20	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*99 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 18:20*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 18:20*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 18:20*	*JKG*	

www.encolabs.com

Description:	MW-3	**Lab Sample ID:**	C812047-03	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 15:35	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 13:19	VLO	
Barium [7440-39-3] ^	**17.9**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 13:19	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 13:19	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 13:19	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:19	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:01	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 13:19	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:19	VLO	

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

www.encolabs.com

Description: MW-4
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C812047-04
Sampled: 11/05/08 12:40
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 18:49	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 18:49	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
1,1-Dichloroethane [75-34-3] ^	**4.1**	J	ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 18:49	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 18:49	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 18:49	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 18:49	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**3.1**		ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 18:49	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 18:49	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 18:49	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 18:49	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 18:49	JKG	
Benzene [71-43-2] ^	**2.8**		ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 18:49	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 18:49	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 18:49	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 18:49	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Chlorobenzene [108-90-7] ^	**0.49**	J	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 18:49	JKG	
Chloroethane [75-00-3] ^	**4.1**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 18:49	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 18:49	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**14**		ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 18:49	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 18:49	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 18:49	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 18:49	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 18:49	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 18:49	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 18:49	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	**0.41**	J	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 18:49	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 18:49	JKG	
Trichloroethene [79-01-6] ^	**0.66**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 18:49	JKG	

www.encolabs.com

Description:	MW-4	**Lab Sample ID:**	C812047-04	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 12:40	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 18:49	JKG	
Vinyl chloride [75-01-4] ^	**1.7**		ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 18:49	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 18:49	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*99 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 18:49*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 18:49*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 18:49*	*JKG*	

www.encolabs.com

Description: MW-4
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C812047-04
Sampled: 11/05/08 12:40
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 13:26	VLO	
Barium [7440-39-3] ^	**116**		ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 13:26	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 13:26	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 13:26	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:26	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 16:26	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 13:26	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:26	VLO	

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

www.encolabs.com

Description: MW-5
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C812047-05
Sampled: 11/06/08 10:00
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 19:18	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 19:18	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
1,1-Dichloroethane [75-34-3] ^	**8.9**		ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 19:18	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 19:18	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 19:18	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 19:18	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
1,2-Dichloropropane [78-87-5] ^	**3.0**		ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**1.3**		ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 19:18	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 19:18	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 19:18	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 19:18	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 19:18	JKG	
Benzene [71-43-2] ^	**2.8**		ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 19:18	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 19:18	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 19:18	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 19:18	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 19:18	JKG	
Chloroethane [75-00-3] ^	**2.1**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 19:18	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 19:18	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**11**		ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 19:18	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 19:18	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 19:18	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 19:18	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 19:18	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 19:18	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 19:18	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Tetrachloroethene [127-18-4] ^	**4.4**		ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 19:18	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 19:18	JKG	
Trichloroethene [79-01-6] ^	**14**		ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 19:18	JKG	

www.encolabs.com

Description:	MW-5	**Lab Sample ID:**	C812047-05	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 10:00	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 19:18	JKG	
Vinyl chloride [75-01-4] ^	**0.93**	J	ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 19:18	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 19:18	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*100 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 19:18*	*JKG*	
Dibromofluoromethane	*53*	*1*	*50.0*	*107 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 19:18*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 19:18*	*JKG*	

www.encolabs.com

Description:	MW-5	**Lab Sample ID:**	C812047-05	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 10:00	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 13:33	VLO	
Barium [7440-39-3] ^	**21.6**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 13:33	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 13:33	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 13:33	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:33	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:07	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 13:33	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:33	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-06
Sampled: 11/05/08 11:45
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 19:47	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 19:47	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 19:47	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 19:47	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 19:47	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 19:47	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 19:47	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 19:47	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 19:47	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 19:47	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 19:47	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 19:47	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 19:47	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 19:47	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 19:47	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 19:47	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 19:47	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 19:47	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 19:47	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 19:47	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 19:47	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 19:47	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 19:47	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 19:47	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 19:47	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 19:47	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 19:47	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 19:47	JKG	

www.encolabs.com

Description:	MW-6	**Lab Sample ID:**	C812047-06	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 11:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 19:47	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 19:47	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 19:47	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*101 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 19:47*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 19:47*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*107 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 19:47*	*JKG*	

www.encolabs.com

Description:	MW-6	**Lab Sample ID:**	C812047-06	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 11:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 13:41	VLO	
Barium [7440-39-3] ^	**82.6**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 13:41	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 13:41	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 13:41	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:41	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:11	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 13:41	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 13:41	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-07
Sampled: 11/05/08 10:45
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 20:16	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 20:16	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 20:16	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 20:16	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 20:16	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 20:16	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 20:16	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 20:16	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 20:16	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 20:16	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 20:16	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 20:16	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 20:16	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 20:16	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 20:16	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 20:16	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 20:16	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 20:16	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 20:16	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 20:16	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 20:16	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 20:16	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 20:16	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 20:16	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 20:16	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Toluene [108-88-3] ^	**0.53**	J	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 20:16	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 20:16	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 20:16	JKG	

www.encolabs.com

Description:	MW-7	**Lab Sample ID:**	C812047-07	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 10:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 20:16	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 20:16	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 20:16	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*101 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 20:16*	*JKG*	
Dibromofluoromethane	*55*	*1*	*50.0*	*110 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 20:16*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 20:16*	*JKG*	

www.encolabs.com

Description:	MW-7	**Lab Sample ID:**	C812047-07	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 10:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 14:06	VLO	
Barium [7440-39-3] ^	**37.2**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 14:06	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 14:06	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 14:06	VLO	
Lead [7439-92-1] ^	**4.8**	J	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:06	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:14	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 14:06	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:06	VLO	

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

www.encolabs.com

Description: MW-8
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C812047-08
Sampled: 11/05/08 13:45
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 20:45	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 20:45	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 20:45	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 20:45	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 20:45	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 20:45	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 20:45	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 20:45	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 20:45	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 20:45	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 20:45	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 20:45	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 20:45	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 20:45	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 20:45	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 20:45	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 20:45	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 20:45	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 20:45	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 20:45	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 20:45	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 20:45	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 20:45	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 20:45	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 20:45	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 20:45	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 20:45	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 20:45	JKG	

www.encolabs.com

Description:	MW-8	**Lab Sample ID:**	C812047-08	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 13:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 20:45	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 20:45	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 20:45	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*99 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 20:45*	*JKG*	
Dibromofluoromethane	*55*	*1*	*50.0*	*109 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 20:45*	*JKG*	
Toluene-d8	*54*	*1*	*50.0*	*108 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 20:45*	*JKG*	

www.encolabs.com

Description:	MW-8	**Lab Sample ID:**	C812047-08	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 13:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 14:45	VLO	
Barium [7440-39-3] ^	**14.3**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 14:45	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 14:45	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 14:45	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:45	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:17	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 14:45	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:45	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-09
Sampled: 11/06/08 11:55
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 21:14	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 21:14	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
1,1-Dichloroethane [75-34-3] ^	**1.1**	J	ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 21:14	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 21:14	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 21:14	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 21:14	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 21:14	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 21:14	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 21:14	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 21:14	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 21:14	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 21:14	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 21:14	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 21:14	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 21:14	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 21:14	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 21:14	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 21:14	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**1.3**	J	ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 21:14	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 21:14	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 21:14	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 21:14	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 21:14	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 21:14	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 21:14	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Tetrachloroethene [127-18-4] ^	**6.5**		ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 21:14	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 21:14	JKG	
Trichloroethene [79-01-6] ^	**2.1**		ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 21:14	JKG	

www.encolabs.com

Description:	MW-10	**Lab Sample ID:**	C812047-09	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 11:55	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 21:14	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 21:14	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 21:14	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*101 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 21:14*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 21:14*	*JKG*	
Toluene-d8	*54*	*1*	*50.0*	*108 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 21:14*	*JKG*	

www.encolabs.com

Description:	MW-10	**Lab Sample ID:**	C812047-09	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 11:55	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 14:21	VLO	
Barium [7440-39-3] ^	**12.3**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 14:21	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 14:21	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 14:21	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:21	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:20	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 14:21	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:21	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-10
Sampled: 11/06/08 10:30
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 21:43	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/14/08 21:43	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/14/08 21:43	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/14/08 21:43	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/14/08 21:43	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/14/08 21:43	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/14/08 21:43	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/14/08 21:43	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/14/08 21:43	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/14/08 21:43	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/14/08 21:43	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/14/08 21:43	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/14/08 21:43	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/14/08 21:43	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/14/08 21:43	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/14/08 21:43	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/14/08 21:43	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/14/08 21:43	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/14/08 21:43	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/14/08 21:43	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/14/08 21:43	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/14/08 21:43	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/14/08 21:43	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/14/08 21:43	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/14/08 21:43	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Tetrachloroethene [127-18-4] ^	**0.67**	J	ug/L	1	0.36	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/14/08 21:43	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/14/08 21:43	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/14/08 21:43	JKG	

www.encolabs.com

Description:	MW-12	**Lab Sample ID:**	C812047-10	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 10:30	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/14/08 21:43	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/14/08 21:43	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/14/08 21:43	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*99 %*	*51-122*	*8K14007*	*EPA 8260B*	*11/14/08 21:43*	*JKG*	
Dibromofluoromethane	*55*	*1*	*50.0*	*110 %*	*68-117*	*8K14007*	*EPA 8260B*	*11/14/08 21:43*	*JKG*	
Toluene-d8	*54*	*1*	*50.0*	*107 %*	*69-110*	*8K14007*	*EPA 8260B*	*11/14/08 21:43*	*JKG*	

www.encolabs.com

Description:	MW-12	**Lab Sample ID:**	C812047-10	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 10:30	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	**3.1**	J	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 14:28	VLO	
Barium [7440-39-3] ^	**98.6**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 14:28	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 14:28	VLO	
Chromium [7440-47-3] ^	**20.2**		ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 14:28	VLO	
Lead [7439-92-1] ^	**19.7**		ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:28	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:23	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 14:28	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:28	VLO	

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

www.encolabs.com

Description: MW-14
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C812047-11
Sampled: 11/05/08 16:35
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 05:58	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 05:58	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 05:58	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 05:58	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 05:58	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 05:58	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.58**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 05:58	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 05:58	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 05:58	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 05:58	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 05:58	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 05:58	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 05:58	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 05:58	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 05:58	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Chlorobenzene [108-90-7] ^	**1.7**	J	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 05:58	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 05:58	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 05:58	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 05:58	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 05:58	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 05:58	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 05:58	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 05:58	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 05:58	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 05:58	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 05:58	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 05:58	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 05:58	JKG	

www.encolabs.com

Description:	MW-14	**Lab Sample ID:**	C812047-11	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 16:35	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 05:58	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 05:58	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 05:58	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 05:58*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 05:58*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 05:58*	*JKG*	

www.encolabs.com

Description:	MW-14	**Lab Sample ID:**	C812047-11	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 16:35	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 14:35	VLO	
Barium [7440-39-3] ^	**502**		ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 14:35	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 14:35	VLO	
Chromium [7440-47-3] ^	**22.2**		ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 14:35	VLO	
Lead [7439-92-1] ^	**43.7**		ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:35	VLO	
Mercury [7439-97-6] ^	**0.11**	J	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 16:29	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 14:35	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:35	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-12
Sampled: 11/05/08 15:30
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 06:27	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 06:27	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
1,1-Dichloroethane [75-34-3] ^	**2.4**	J	ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 06:27	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 06:27	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 06:27	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 06:27	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 06:27	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 06:27	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 06:27	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 06:27	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 06:27	JKG	
Benzene [71-43-2] ^	**0.43**	J	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 06:27	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 06:27	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 06:27	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 06:27	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 06:27	JKG	
Chloroethane [75-00-3] ^	**3.1**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 06:27	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 06:27	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**1.1**	J	ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 06:27	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 06:27	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 06:27	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 06:27	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.68**	J	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 06:27	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 06:27	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 06:27	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Tetrachloroethene [127-18-4] ^	**2.2**		ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 06:27	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 06:27	JKG	
Trichloroethene [79-01-6] ^	**1.9**		ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Trichlorofluoromethane [75-69-4] ^	**1.0**		ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 06:27	JKG	

www.encolabs.com

Description:	MW-15	**Lab Sample ID:**	C812047-12	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 15:30	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 06:27	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 06:27	JKG	
Xylenes (Total) [1330-20-7]	**0.68**	J	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 06:27	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 06:27*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*109 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 06:27*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*105 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 06:27*	*JKG*	

www.encolabs.com

Description:	MW-15	**Lab Sample ID:**	C812047-12	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 15:30	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 14:52	VLO	
Barium [7440-39-3] ^	**22.6**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 14:52	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 14:52	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 14:52	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:52	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:35	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 14:52	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:52	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-13
Sampled: 11/05/08 11:20
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

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

www.encolabs.com

Description:	MW-16S	**Lab Sample ID:**	C812047-13	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 11:20	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 06:56	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 06:56	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 06:56	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*99 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 06:56*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 06:56*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*105 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 06:56*	*JKG*	

www.encolabs.com

Description:	MW-16S	**Lab Sample ID:**	C812047-13	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 11:20	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 14:59	VLO	
Barium [7440-39-3] ^	**61.0**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 14:59	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 14:59	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 14:59	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:59	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:38	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 14:59	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 14:59	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-14
Sampled: 11/05/08 10:55
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 07:26	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 07:26	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
1,1-Dichloroethane [75-34-3] ^	**5.1**		ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 07:26	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 07:26	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 07:26	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 07:26	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.86**	J	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 07:26	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 07:26	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 07:26	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 07:26	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 07:26	JKG	
Benzene [71-43-2] ^	**1.1**		ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 07:26	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 07:26	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 07:26	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 07:26	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 07:26	JKG	
Chloroethane [75-00-3] ^	**1.7**	J	ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 07:26	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 07:26	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**4.6**	J	ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 07:26	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 07:26	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 07:26	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 07:26	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 07:26	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 07:26	JKG	
o-Xylene [95-47-6] ^	**0.44**	J	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 07:26	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Tetrachloroethene [127-18-4] ^	**2.2**		ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 07:26	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 07:26	JKG	
Trichloroethene [79-01-6] ^	**1.3**		ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Trichlorofluoromethane [75-69-4] ^	**0.79**	J	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 07:26	JKG	

www.encolabs.com

Description:	MW-16D	**Lab Sample ID:**	C812047-14	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 10:55	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 07:26	JKG	
Vinyl chloride [75-01-4] ^	**0.57**	J	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 07:26	JKG	
Xylenes (Total) [1330-20-7]	**0.44**	J	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 07:26	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 07:26*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 07:26*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*107 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 07:26*	*JKG*	

www.encolabs.com

Description:	MW-16D	**Lab Sample ID:**	C812047-14	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 10:55	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 15:06	VLO	
Barium [7440-39-3] ^	**81.2**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 15:06	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 15:06	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 15:06	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 15:06	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:41	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 15:06	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 15:06	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-15
Sampled: 11/06/08 08:10
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 07:55	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 07:55	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 07:55	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 07:55	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 07:55	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 07:55	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 07:55	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 07:55	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 07:55	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 07:55	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 07:55	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 07:55	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 07:55	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 07:55	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 07:55	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 07:55	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 07:55	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 07:55	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 07:55	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 07:55	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 07:55	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 07:55	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 07:55	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 07:55	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 07:55	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 07:55	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 07:55	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 07:55	JKG	

www.encolabs.com

Description:	MW-17	**Lab Sample ID:**	C812047-15	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 08:10	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 07:55	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 07:55	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 07:55	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 07:55*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 07:55*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 07:55*	*JKG*	

www.encolabs.com

Description:	MW-17	**Lab Sample ID:**	C812047-15	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 08:10	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 15:14	VLO	
Barium [7440-39-3] ^	**81.5**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 15:14	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 15:14	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 15:14	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 15:14	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:44	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 15:14	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 15:14	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-16
Sampled: 11/05/08 16:10
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 08:24	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 08:24	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 08:24	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 08:24	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 08:24	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 08:24	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 08:24	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 08:24	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 08:24	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 08:24	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 08:24	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 08:24	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 08:24	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 08:24	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 08:24	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 08:24	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 08:24	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 08:24	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 08:24	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 08:24	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 08:24	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 08:24	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 08:24	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 08:24	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 08:24	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 08:24	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 08:24	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 08:24	JKG	

www.encolabs.com

Description:	MW-18	**Lab Sample ID:**	C812047-16	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 16:10	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 08:24	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 08:24	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 08:24	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*102 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 08:24*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 08:24*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 08:24*	*JKG*	

www.encolabs.com

Description:	MW-18	**Lab Sample ID:**	C812047-16	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 16:10	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 15:21	VLO	
Barium [7440-39-3] ^	**8.70**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 15:21	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 15:21	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 15:21	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 15:21	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:47	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 15:21	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 15:21	VLO	

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

www.encolabs.com

Description: SW-1
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C812047-17
Sampled: 11/06/08 11:25
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 08:53	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 08:53	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 08:53	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 08:53	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 08:53	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 08:53	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 08:53	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 08:53	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 08:53	JKG	
Acetone [67-64-1] ^	**4.4**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 08:53	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 08:53	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 08:53	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 08:53	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 08:53	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 08:53	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 08:53	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 08:53	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 08:53	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 08:53	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 08:53	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 08:53	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 08:53	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 08:53	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 08:53	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 08:53	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 08:53	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 08:53	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 08:53	JKG	

www.encolabs.com

Description:	SW-1	**Lab Sample ID:**	C812047-17	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 11:25	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 08:53	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 08:53	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 08:53	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 08:53*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 08:53*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 08:53*	*JKG*	

www.encolabs.com

Description:	SW-1	**Lab Sample ID:**	C812047-17	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 11:25	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 16:01	VLO	
Barium [7440-39-3] ^	**24.2**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 16:01	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 16:01	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 16:01	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 16:01	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:50	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 16:01	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 16:01	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-18
Sampled: 11/06/08 12:05
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 09:22	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 09:22	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 09:22	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 09:22	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 09:22	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 09:22	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 09:22	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 09:22	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 09:22	JKG	
Acetone [67-64-1] ^	**4.2**	J	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 09:22	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 09:22	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 09:22	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 09:22	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 09:22	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 09:22	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 09:22	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 09:22	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 09:22	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 09:22	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 09:22	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 09:22	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 09:22	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 09:22	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 09:22	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 09:22	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 09:22	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 09:22	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 09:22	JKG	

www.encolabs.com

Description:	SW-2	**Lab Sample ID:**	C812047-18	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 12:05	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 09:22	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 09:22	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 09:22	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*101 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 09:22*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*109 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 09:22*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 09:22*	*JKG*	

www.encolabs.com

Description:	SW-2	**Lab Sample ID:**	C812047-18	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 12:05	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 16:09	VLO	
Barium [7440-39-3] ^	**25.3**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 16:09	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 16:09	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 16:09	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 16:09	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:53	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 16:09	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 16:09	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-19
Sampled: 11/06/08 11:15
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 09:51	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 09:51	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 09:51	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 09:51	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 09:51	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 09:51	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 09:51	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 09:51	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 09:51	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 09:51	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 09:51	JKG	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 09:51	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 09:51	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 09:51	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 09:51	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 09:51	JKG	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 09:51	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 09:51	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.36	U	ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 09:51	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 09:51	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 09:51	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 09:51	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 09:51	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 09:51	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 09:51	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 09:51	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 09:51	JKG	
Trichloroethene [79-01-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 09:51	JKG	

www.encolabs.com

Description:	SW-4	**Lab Sample ID:**	C812047-19	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 11:15	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 09:51	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 09:51	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 09:51	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*99 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 09:51*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 09:51*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 09:51*	*JKG*	

www.encolabs.com

Description:	SW-4	**Lab Sample ID:**	C812047-19	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/06/08 11:15	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 16:16	VLO	
Barium [7440-39-3] ^	**22.7**	J	ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 16:16	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 16:16	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 16:16	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 16:16	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:56	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 16:16	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 16:16	VLO	

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

www.encolabs.com

Description: DUP
Matrix: Ground Water
Project: Davie County Landfill

Lab Sample ID: C812047-20
Sampled: 11/05/08 10:45
Sampled By: Lisa Ennis / Gary Simcox

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 10:20	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	3	EPA 8260B	11/15/08 10:20	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
1,1-Dichloroethane [75-34-3] ^	**5.6**		ug/L	1	0.33	1.0	5	EPA 8260B	11/15/08 10:20	JKG	
1,1-Dichloroethene [75-35-4] ^	0.24	U	ug/L	1	0.24	1.0	5	EPA 8260B	11/15/08 10:20	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.55	U	ug/L	1	0.55	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	11/15/08 10:20	JKG	
1,2-Dibromoethane [106-93-4] ^	0.42	U	ug/L	1	0.42	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	5	EPA 8260B	11/15/08 10:20	JKG	
1,2-Dichloroethane [107-06-2] ^	0.65	U	ug/L	1	0.65	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**2.7**		ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
2-Butanone [78-93-3] ^	1.0	U	ug/L	1	1.0	5.0	100	EPA 8260B	11/15/08 10:20	JKG	
2-Hexanone [591-78-6] ^	0.69	U	ug/L	1	0.69	5.0	50	EPA 8260B	11/15/08 10:20	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	11/15/08 10:20	JKG	
Acetone [67-64-1] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	11/15/08 10:20	JKG	
Acrylonitrile [107-13-1] ^	2.1	U	ug/L	1	2.1	5.0	200	EPA 8260B	11/15/08 10:20	JKG	
Benzene [71-43-2] ^	**1.7**		ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Bromochloromethane [74-97-5] ^	0.42	U	ug/L	1	0.42	1.0	3	EPA 8260B	11/15/08 10:20	JKG	
Bromodichloromethane [75-27-4] ^	0.37	U	ug/L	1	0.37	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Bromoform [75-25-2] ^	0.71	U	ug/L	1	0.71	1.0	3	EPA 8260B	11/15/08 10:20	JKG	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	10	EPA 8260B	11/15/08 10:20	JKG	
Carbon disulfide [75-15-0] ^	0.54	U	ug/L	1	0.54	5.0	100	EPA 8260B	11/15/08 10:20	JKG	
Carbon tetrachloride [56-23-5] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	3	EPA 8260B	11/15/08 10:20	JKG	
Chloroethane [75-00-3] ^	**14**		ug/L	1	0.30	1.0	10	EPA 8260B	11/15/08 10:20	JKG	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	5	EPA 8260B	11/15/08 10:20	JKG	
Chloromethane [74-87-3] ^	0.34	U	ug/L	1	0.34	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**10**		ug/L	1	0.36	1.0	5	EPA 8260B	11/15/08 10:20	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Dibromochloromethane [124-48-1] ^	0.32	U	ug/L	1	0.32	1.0	3	EPA 8260B	11/15/08 10:20	JKG	
Dibromomethane [74-95-3] ^	0.37	U	ug/L	1	0.37	1.0	10	EPA 8260B	11/15/08 10:20	JKG	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Iodomethane [74-88-4] ^	0.52	U	ug/L	1	0.52	2.0	10	EPA 8260B	11/15/08 10:20	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.48	U	ug/L	1	0.48	2.0	NE	EPA 8260B	11/15/08 10:20	JKG	
Methylene chloride [75-09-2] ^	0.53	U	ug/L	1	0.53	2.0	1	EPA 8260B	11/15/08 10:20	JKG	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	NE	EPA 8260B	11/15/08 10:20	JKG	
Styrene [100-42-5] ^	0.26	U	ug/L	1	0.26	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Tetrachloroethene [127-18-4] ^	**0.43**	J	ug/L	1	0.36	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Toluene [108-88-3] ^	0.27	U	ug/L	1	0.27	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.34	U	ug/L	1	0.34	1.0	5	EPA 8260B	11/15/08 10:20	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.38	U	ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.54	U	ug/L	1	0.54	1.0	100	EPA 8260B	11/15/08 10:20	JKG	
Trichloroethene [79-01-6] ^	**8.2**		ug/L	1	0.38	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	1	EPA 8260B	11/15/08 10:20	JKG	

www.encolabs.com

Description:	DUP	**Lab Sample ID:**	C812047-20	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 10:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 10:20	JKG	
Vinyl chloride [75-01-4] ^	**3.2**		ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 10:20	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 10:20	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 10:20*	*JKG*	
Dibromofluoromethane	*54*	*1*	*50.0*	*109 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 10:20*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 10:20*	*JKG*	

www.encolabs.com

Description:	DUP	**Lab Sample ID:**	C812047-20	**Received:**	11/07/08 14:00
Matrix:	Ground Water	**Sampled:**	11/05/08 10:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	Lisa Ennis / Gary Simcox		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.8	U	ug/L	1	2.8	10.0	10	EPA 6010B	11/18/08 16:23	VLO	
Barium [7440-39-3] ^	**396**		ug/L	1	1.00	10.0	100	EPA 6010B	11/18/08 16:23	VLO	
Cadmium [7440-43-9] ^	0.36	U	ug/L	1	0.36	1.00	1	EPA 6010B	11/18/08 16:23	VLO	
Chromium [7440-47-3] ^	1.0	U	ug/L	1	1.0	10.0	10	EPA 6010B	11/18/08 16:23	VLO	
Lead [7439-92-1] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 16:23	VLO	
Mercury [7439-97-6] ^	0.11	U	ug/L	1	0.11	0.20	0.2	EPA 7470A	11/11/08 15:59	NLH	
Selenium [7782-49-2] ^	2.7	U	ug/L	1	2.7	10.0	10	EPA 6010B	11/18/08 16:23	VLO	
Silver [7440-22-4] ^	1.9	U	ug/L	1	1.9	10.0	10	EPA 6010B	11/18/08 16:23	VLO	

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

www.encolabs.com

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

Lab Sample ID: C812047-21
Sampled: 11/05/08 10:45
Sampled By: ENCO

Received: 11/07/08 14:00
Work Order: C812047

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

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

www.encolabs.com

Description:	TRIP BLANK	**Lab Sample ID:**	C812047-21	**Received:**	11/07/08 14:00
Matrix:	Water	**Sampled:**	11/05/08 10:45	**Work Order:**	C812047
Project:	Davie County Landfill	**Sampled By:**	ENCO		

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.98	U	ug/L	1	0.98	2.0	50	EPA 8260B	11/15/08 10:50	JKG	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	1	EPA 8260B	11/15/08 10:50	JKG	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	5	EPA 8260B	11/15/08 10:50	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*99 %*	*51-122*	*8K14013*	*EPA 8260B*	*11/15/08 10:50*	*JKG*	
Dibromofluoromethane	*55*	*1*	*50.0*	*109 %*	*68-117*	*8K14013*	*EPA 8260B*	*11/15/08 10:50*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*69-110*	*8K14013*	*EPA 8260B*	*11/15/08 10:50*	*JKG*	

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8K14007 - EPA 5030B_MS

Blank (8K14007-BLK1) Prepared: 11/14/2008 10:10 Analyzed: 11/14/2008 12:00

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8K14007 - EPA 5030B_MS

Blank (8K14007-BLK1) Continued Prepared: 11/14/2008 10:10 Analyzed: 11/14/2008 12:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*68-117*			
Surrogate: Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*69-110*			
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*95*	*51-122*			

LCS (8K14007-BS1) Prepared: 11/14/2008 10:10 Analyzed: 11/14/2008 12:29

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0		92	75-133			
Benzene	18		1.0	ug/L	20.0		91	81-134			
Trichloroethene	18		1.0	ug/L	20.0		88	75-115			
Toluene	17		1.0	ug/L	20.0		86	71-118			
Chlorobenzene	17		1.0	ug/L	20.0		85	83-117			
Surrogate: Dibromofluoromethane	*53*			*ug/L*	*50.0*		*106*	*68-117*			
Surrogate: Toluene-d8	*54*			*ug/L*	*50.0*		*107*	*69-110*			
Surrogate: 4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*101*	*51-122*			

Matrix Spike (8K14007-MS1) Prepared: 11/14/2008 10:10 Analyzed: 11/14/2008 12:58

Source: C812047-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.24 U	103	75-133			
Benzene	21		1.0	ug/L	20.0	1.8	94	81-134			
Trichloroethene	26		1.0	ug/L	20.0	8.4	86	75-115			
Toluene	18		1.0	ug/L	20.0	0.27 U	91	71-118			
Chlorobenzene	18		1.0	ug/L	20.0	0.27 U	92	83-117			
Surrogate: Dibromofluoromethane	*53*			*ug/L*	*50.0*		*106*	*68-117*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*69-110*			
Surrogate: 4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*101*	*51-122*			

Matrix Spike Dup (8K14007-MSD1) Prepared: 11/14/2008 10:10 Analyzed: 11/14/2008 13:27

Source: C812047-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.24 U	100	75-133	3	20	
Benzene	21		1.0	ug/L	20.0	1.8	95	81-134	0.6	17	
Trichloroethene	26		1.0	ug/L	20.0	8.4	89	75-115	2	18	
Toluene	18		1.0	ug/L	20.0	0.27 U	90	71-118	2	17	
Chlorobenzene	18		1.0	ug/L	20.0	0.27 U	92	83-117	0.7	16	
Surrogate: Dibromofluoromethane	*52*			*ug/L*	*50.0*		*104*	*68-117*			
Surrogate: Toluene-d8	*53*			*ug/L*	*50.0*		*105*	*69-110*			
Surrogate: 4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*51-122*			

Batch 8K14013 - EPA 5030B_MS

Blank (8K14013-BLK1) Prepared: 11/14/2008 13:21 Analyzed: 11/15/2008 01:36

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8K14013 - EPA 5030B_MS

Blank (8K14013-BLK1) Continued Prepared: 11/14/2008 13:21 Analyzed: 11/15/2008 01:36

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8K14013 - EPA 5030B_MS

Blank (8K14013-BLK1) Continued Prepared: 11/14/2008 13:21 Analyzed: 11/15/2008 01:36

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*101*	*68-117*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*69-110*			
Surrogate: 4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*98*	*51-122*			

LCS (8K14013-BS1) Prepared: 11/14/2008 13:21 Analyzed: 11/15/2008 02:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		94	75-133			
Benzene	19		1.0	ug/L	20.0		94	81-134			
Trichloroethene	17		1.0	ug/L	20.0		86	75-115			
Toluene	18		1.0	ug/L	20.0		89	71-118			
Chlorobenzene	18		1.0	ug/L	20.0		89	83-117			
Surrogate: Dibromofluoromethane	*52*			*ug/L*	*50.0*		*105*	*68-117*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*105*	*69-110*			
Surrogate: 4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*101*	*51-122*			

Matrix Spike (8K14013-MS1) Prepared: 11/14/2008 13:21 Analyzed: 11/15/2008 02:34

Source: C812370-18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0	0.24 U	87	75-133			
Benzene	18		1.0	ug/L	20.0	0.20 U	90	81-134			
Trichloroethene	18		1.0	ug/L	20.0	0.38 U	88	75-115			
Toluene	17		1.0	ug/L	20.0	0.27 U	86	71-118			
Chlorobenzene	17		1.0	ug/L	20.0	0.27 U	86	83-117			
Surrogate: Dibromofluoromethane	*52*			*ug/L*	*50.0*		*103*	*68-117*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*69-110*			
Surrogate: 4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*98*	*51-122*			

Matrix Spike Dup (8K14013-MSD1) Prepared: 11/14/2008 13:21 Analyzed: 11/15/2008 03:03

Source: C812370-18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0	0.24 U	85	75-133	2	20	
Benzene	18		1.0	ug/L	20.0	0.20 U	89	81-134	0.8	17	
Trichloroethene	18		1.0	ug/L	20.0	0.38 U	89	75-115	1	18	
Toluene	17		1.0	ug/L	20.0	0.27 U	86	71-118	0.2	17	
Chlorobenzene	17		1.0	ug/L	20.0	0.27 U	86	83-117	0.6	16	
Surrogate: Dibromofluoromethane	*52*			*ug/L*	*50.0*		*103*	*68-117*			
Surrogate: Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*69-110*			
Surrogate: 4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*101*	*51-122*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8K10018 - EPA 245.1

Blank (8K10018-BLK1) Prepared: 11/10/2008 09:18 Analyzed: 11/11/2008 14:31

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8K10018 - EPA 245.1

Blank (8K10018-BLK1) Continued Prepared: 11/10/2008 09:18 Analyzed: 11/11/2008 14:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.11	U	0.20	ug/L							

LCS (8K10018-BS1) Prepared: 11/10/2008 09:18 Analyzed: 11/11/2008 14:34

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.00		0.20	ug/L	5.00		100	85-115			

Matrix Spike (8K10018-MS1) Prepared: 11/10/2008 09:18 Analyzed: 11/11/2008 14:40

Source: C812047-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.91		0.20	ug/L	5.00	0.11 U	78	85-115			QM-07

Matrix Spike Dup (8K10018-MSD1) Prepared: 11/10/2008 09:18 Analyzed: 11/11/2008 14:43

Source: C812047-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.92		0.20	ug/L	5.00	0.11 U	78	85-115	0.3	15	QM-07

Post Spike (8K10018-PS1) Prepared: 11/10/2008 09:18 Analyzed: 11/11/2008 14:46

Source: C812047-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.35		0.20	ug/L	5.00	0.02	67	0-200			QM-08

Batch 8K10020 - EPA 3005A

Blank (8K10020-BLK1) Prepared: 11/10/2008 09:24 Analyzed: 11/18/2008 12:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.8	U	10.0	ug/L							
Barium	1.00	U	10.0	ug/L							
Cadmium	0.36	U	1.00	ug/L							
Chromium	1.0	U	10.0	ug/L							
Lead	1.9	U	10.0	ug/L							
Selenium	2.7	U	10.0	ug/L							
Silver	1.9	U	10.0	ug/L							

LCS (8K10020-BS1) Prepared: 11/10/2008 09:24 Analyzed: 11/18/2008 12:39

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	538		10.0	ug/L	500		108	82-117			
Barium	506		10.0	ug/L	500		101	72-125			
Cadmium	267		1.00	ug/L	250		107	72-120			
Chromium	509		10.0	ug/L	500		102	78-119			
Lead	528		10.0	ug/L	500		106	72-121			
Selenium	559		10.0	ug/L	500		112	82-127			

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8K10020 - EPA 3005A

LCS (8K10020-BS1) Continued Prepared: 11/10/2008 09:24 Analyzed: 11/18/2008 12:39

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Silver	50.3		10.0	ug/L	50.0		101	80-128			

Matrix Spike (8K10020-MS1) Prepared: 11/10/2008 09:24 Analyzed: 11/18/2008 12:55

Source: C812047-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	557		10.0	ug/L	500	2.8 U	111	64-126			
Barium	904		10.0	ug/L	500	385	104	74-119			
Cadmium	261		1.00	ug/L	250	0.36 U	104	68-121			
Chromium	499		10.0	ug/L	500	1.0 U	100	73-120			
Lead	520		10.0	ug/L	500	1.9 U	104	68-126			
Selenium	581		10.0	ug/L	500	2.7 U	116	65-129			
Silver	51.1		10.0	ug/L	50.0	1.9 U	102	69-121			

Matrix Spike Dup (8K10020-MSD1) Prepared: 11/10/2008 09:24 Analyzed: 11/18/2008 13:03

Source: C812047-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	542		10.0	ug/L	500	2.8 U	108	64-126	3	12	
Barium	871		10.0	ug/L	500	385	97	74-119	4	11	
Cadmium	256		1.00	ug/L	250	0.36 U	103	68-121	2	12	
Chromium	491		10.0	ug/L	500	1.0 U	98	73-120	2	10	
Lead	510		10.0	ug/L	500	1.9 U	102	68-126	2	19	
Selenium	565		10.0	ug/L	500	2.7 U	113	65-129	3	10	
Silver	49.7		10.0	ug/L	50.0	1.9 U	99	69-121	3	12	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-08	Post-digestion spike did not meet method requirements due to confirmed matrix effects (dilution test).

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

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

Page 1 of 3

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

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

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due __/__/__

Lab Workorder: C812047

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	Ag,As,Ba,Cd,Cr,Hg,Pb,Se								Sample Comments
	MW-1 MS/MSD	11/5/08	14:35	G	GW	7	X	X								
	MW-2	11/6/08	10:55	G	GW	4	X	X								
	MW-3	11/5/08	15:35	G	GW	4	X	X								
	MW-4	11/5/08	12:40	G	GW	4	X	X								
	MW-5	11/6/08	10:00	G	GW	4	X	X								
	MW-6	11/5/08	11:45	G	GW	4	X	X								
	MW-7	11/5/08	10:45	G	GW	4	X	X								
	MW-8	11/5/08	13:45	G	GW	4	X	X								
	~~MW-9~~	~~11/5/08~~		G	GW	4	X	X								
	MW-10	11/6/08	11:55	G	GW	4	X	X								
	~~MW-11~~			G	GW	4	X	X								
	MW-12	11/6/08	10:30	G	GW	4	X	X								

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Reinquished By	Date/Time	Received By	Date/Time
JWL	10/31	[signature]	11/6/08 4:00	[signature]	11/7/08 10:00
Comments		[signature]	11-7-08 11:51	[signature]	
		[signature]	11-7-08 1300	Briana Gurney	11/7/08 14:00
		Cooler #'s & Temps on Receipt: C-507 2.9°C; C-574 3.1°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

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

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

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

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

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

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): Lisa Ennis Gary Symcox	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: C812047

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers			Sample Comments
	~~MW-13~~				~~GW~~	~~4~~	~~X~~	~~X~~	
	MW-14	11/5/08	16:35	G	GW	4	X	X	
	MW-15	11/5/08	15:30	G	GW	4	X	X	
	MW-16S	11/5/08	11:20	G	GW	4	X	X	
	MW-16D	11/5/08	10:55	G	GW	4	X	X	
	MW-17	11/6/08	8:10	G	GW	4	X	X	
	MW-18	11/5/08	16:10	G	GW	4	X	X	
	SW-1	11/6/08	11:25	G	SW	4	X	X	
	SW-2	11/6/08	12:05	G	SW	4	X	X	
	~~SW-3~~				~~SW~~	~~4~~	~~X~~	~~X~~	
	SW-4	11/6/08	11:15	G	SW	4	X	X	
	DUP	11/5/08			GW	4	X	X	

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
JWL	10/31	[signature]	11/6/08 4:00	BW	11-7-08 1200
Comments		Relinquished By: [signature]	11-7-08 11:51A	Received By	
		Relinquished By: BW	11-7-08 1900	Received By: Brina Gregory	11/7/08 14:00

Cooler #'s & Temps on Receipt: C-507 2.9°C C-574 3.1°C

Condition Upon Receipt: X Acceptable ___ Unacceptable

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

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

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

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

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3050 Fax (919) 467-3515

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): Lisa Ennis, Gary Simcox	Billing Contact: Accounts Payable
Sampler(s) Signature:	Facility # (if required):

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

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due __/__/__

Lab Workorder: C812047

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	Ag,As,Ba,Cd,Cr,Hg,Pb,Se	Sample Comments
	TRIP BLANK				WA	3	X		

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
JWL	10/31		11/6/08 4:00		11-7-08 10:00
Comments		J Thomas	11-7-08 11-51A		
		BW	11-7-08 14:00	Briana Dugay	11/7/08 14:00

Cooler #'s & Temps on Receipt: C-507 2.9°C C-574 3.1°C

Condition Upon Receipt: X Acceptable ___ Unacceptable

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

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

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

www.encolabs.com

ENVIRONMENTAL CONSERVATION LABORATORIES, INC.

Sample preservation verification

☒ Cary ☐ Jacksonville ☐ Orlando

Work order: C812 047 Page: 1 of 1 Initials: BJG Date: 11/7/08

A check mark (✓) in any space under the appropriate column heading for the selected sample indicates that the pH met the required pH.

An asterisk (*) in any space under the appropriate column heading for the selected sample indicates that the pH was adjusted in the lab as described in the comments column.

Sample No		Metals	TPH	Ammonia	COD	Cyanide	TOC	Hardness	TKN/TON	Oil & grease	Phenolics	NOx	Extractables	Sulfide	FL-PRO	COMMENTS
pH →		<2	<2	<2	<2	>12	<2	<2	<2	<2	<2	<2	5-9	>9	<2	
0	1	✓														
	2	tl														One mL HNO3 added
	3	✓														
	4															
	5															
	6															
	7															
	8															
	9															
	0															
1	1	tl														One mL HNO3 added
	2	✓														
	3															
	4															
	5															
	6															
	7															
	8															
	9															
	0															
2	1	☒ BJG 11/7/08														
	2															
	3															
	4															
	5															
	6															
	7															
	8															
	9															
	0															BJG

	Reagent name	ID		Reagent name	ID		Reagent name	ID
1	HNO3	C8G 0116	3			5		
2			4			6		