



# ENCO Laboratories

*Accurate.*

*Timely.*

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*Innovative.*

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Tuesday, October 8, 2013

Angelo's Recycled Materials (AN010)

Attn: John Arnold

4111 Enterprise Road

Dade City, FL 33525

**RE: Laboratory Results for**

**Project Number: 87895, Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)**

**ENCO Workorder(s): A305521**

Dear John Arnold,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, September 27, 2013.

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 Orlando. 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,

Marcia Colon

Project Manager

Enclosure(s)

# SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-6B Lab ID: A305521-01 Sampled: 09/26/13 15:37 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/28/13 15:37	09/27/13 18:00	09/28/13 00:53
EPA 300.0	10/24/13	09/27/13 18:00	09/28/13 00:53
EPA 350.1	10/24/13	10/02/13 10:12	10/02/13 12:29
EPA 6020A	03/25/14	09/30/13 13:54	10/02/13 12:19
EPA 7470A	10/24/13	10/02/13 13:06	10/03/13 07:08
EPA 8011	10/10/13 10/14/13	09/30/13 07:48	09/30/13 21:32
EPA 8260B	10/10/13	10/02/13 11:36	10/02/13 15:45
Field	09/26/13 15:51	09/26/13 15:37	09/26/13 15:37
Field	09/27/13 15:37 09/27/13 15:37	09/26/13 15:37	09/26/13 15:37
Field	09/28/13 15:37	09/26/13 15:37	09/26/13 15:37
SM 2540C-1997	10/03/13	09/29/13 04:28	09/30/13 22:46

Client ID: MW-6 Lab ID: A305521-02 Sampled: 09/26/13 15:49 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/28/13 15:49	09/27/13 18:00	09/28/13 01:09
EPA 300.0	10/24/13	09/27/13 18:00	09/28/13 01:09
EPA 350.1	10/24/13	10/02/13 10:12	10/02/13 12:43
EPA 6020A	03/25/14	09/30/13 13:54	10/02/13 11:37
EPA 7470A	10/24/13	10/02/13 13:06	10/03/13 07:52
EPA 8011	10/10/13 10/14/13	09/30/13 07:48	09/30/13 21:49
EPA 8260B	10/10/13	10/02/13 11:36	10/02/13 16:18
Field	09/26/13 16:03	09/26/13 15:49	09/26/13 15:49
Field	09/27/13 15:49 09/27/13 15:49	09/26/13 15:49	09/26/13 15:49
Field	09/28/13 15:49	09/26/13 15:49	09/26/13 15:49
SM 2540C-1997	10/03/13	09/29/13 04:28	09/30/13 22:46

Client ID: MW-7A Lab ID: A305521-03 Sampled: 09/26/13 16:39 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/28/13 16:39	09/27/13 18:00	09/28/13 01:26
EPA 300.0	10/24/13	09/27/13 18:00	09/28/13 01:26
EPA 350.1	10/24/13	10/02/13 10:12	10/02/13 12:44
EPA 6020A	03/25/14	09/30/13 13:54	10/02/13 12:23
EPA 7470A	10/24/13	10/02/13 13:06	10/03/13 07:56
EPA 8011	10/10/13 10/14/13	09/30/13 07:48	09/30/13 22:05
EPA 8260B	10/10/13	10/02/13 11:36	10/02/13 16:50
Field	09/26/13 16:53	09/26/13 16:39	09/26/13 16:39
Field	09/27/13 16:39 09/27/13 16:39	09/26/13 16:39	09/26/13 16:39
Field	09/28/13 16:39	09/26/13 16:39	09/26/13 16:39
SM 2540C-1997	10/03/13	09/29/13 04:28	09/30/13 22:46

Client ID: MW-16B Lab ID: A305521-04 Sampled: 09/26/13 17:29 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/28/13 17:29	09/27/13 18:00	09/28/13 01:43
EPA 300.0	10/24/13	09/27/13 18:00	09/28/13 01:43
EPA 350.1	10/24/13	10/02/13 10:12	10/02/13 12:45
EPA 6020A	03/25/14	09/30/13 13:54	10/02/13 12:27
EPA 7470A	10/24/13	10/02/13 13:06	10/03/13 07:59
EPA 8011	10/10/13 10/14/13	09/30/13 07:48	09/30/13 22:39
EPA 8260B	10/10/13	10/02/13 11:36	10/02/13 17:23
Field	09/26/13 17:43	09/26/13 17:29	09/26/13 17:29
Field	09/27/13 17:29 09/27/13 17:29	09/26/13 17:29	09/26/13 17:29
Field	09/28/13 17:29	09/26/13 17:29	09/26/13 17:29
SM 2540C-1997	10/03/13	09/29/13 04:28	09/30/13 22:46

# SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-15B Lab ID: A305521-05 Sampled: 09/26/13 18:07 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/28/13 18:07	09/27/13 18:00	09/28/13 01:59
EPA 300.0	10/24/13	09/27/13 18:00	09/28/13 01:59
EPA 350.1	10/24/13	10/02/13 10:12	10/02/13 12:49
EPA 6020A	03/25/14	09/30/13 13:54	10/02/13 12:31
EPA 7470A	10/24/13	10/02/13 13:06	10/03/13 08:02
EPA 8011	10/10/13 10/14/13	09/30/13 07:48	09/30/13 22:55
EPA 8260B	10/10/13	10/02/13 11:36	10/02/13 17:56
Field	09/26/13 18:21	09/26/13 18:07	09/26/13 18:07
Field	09/27/13 18:07 09/27/13 18:07	09/26/13 18:07	09/26/13 18:07
Field	09/28/13 18:07	09/26/13 18:07	09/26/13 18:07
SM 2540C-1997	10/03/13	09/29/13 04:28	09/30/13 22:46

Client ID: MW-7BR Lab ID: A305521-06 Sampled: 09/26/13 18:41 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/28/13 18:41	09/27/13 18:00	09/28/13 02:16
EPA 300.0	10/24/13	09/27/13 18:00	09/28/13 02:16
EPA 350.1	10/24/13	10/02/13 10:12	10/02/13 12:50
EPA 6020A	03/25/14	09/30/13 13:54	10/02/13 12:35
EPA 7470A	10/24/13	10/02/13 13:06	10/03/13 08:05
EPA 8011	10/10/13 10/14/13	09/30/13 07:48	09/30/13 23:12
EPA 8260B	10/10/13	10/02/13 11:36	10/02/13 18:29
Field	09/26/13 18:55	09/26/13 18:41	09/26/13 18:41
Field	09/27/13 18:41 09/27/13 18:41	09/26/13 18:41	09/26/13 18:41
Field	09/28/13 18:41	09/26/13 18:41	09/26/13 18:41
SM 2540C-1997	10/03/13	09/29/13 04:28	09/30/13 22:46

Client ID: Supply Well Lab ID: A305521-07 Sampled: 09/26/13 19:20 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/28/13 19:20	09/27/13 18:00	09/28/13 03:06
EPA 300.0	10/24/13	09/27/13 18:00	09/28/13 03:06
EPA 350.1	10/24/13	10/02/13 10:12	10/02/13 12:51
EPA 6020A	03/25/14	09/30/13 13:54	10/02/13 12:39
EPA 7470A	10/24/13	10/02/13 13:06	10/03/13 08:08
EPA 8011	10/10/13 10/14/13	09/30/13 07:48	09/30/13 23:29
EPA 8260B	10/10/13	10/02/13 11:36	10/02/13 19:01
Field	09/26/13 19:34	09/26/13 19:20	09/26/13 19:20
Field	09/27/13 19:20 09/27/13 19:20	09/26/13 19:20	09/26/13 19:20
Field	09/28/13 19:20	09/26/13 19:20	09/26/13 19:20
SM 2540C-1997	10/03/13	09/29/13 04:28	09/30/13 22:46

Client ID: TRIP BLANK 2 Lab ID: A305521-08 Sampled: 09/26/13 00:00 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	10/10/13	10/02/13 11:36	10/02/13 19:33

Client ID: MW-5B Lab ID: A305521-09 Sampled: 09/27/13 10:29 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/29/13 10:29	09/27/13 18:00	09/28/13 03:23
EPA 300.0	10/25/13	09/27/13 18:00	09/28/13 03:23
EPA 350.1	10/25/13	10/02/13 10:12	10/02/13 12:53
EPA 6020A	03/26/14	09/30/13 13:54	10/02/13 12:46
EPA 7470A	10/25/13	10/02/13 13:06	10/03/13 08:17
EPA 8011	10/11/13 10/14/13	09/30/13 07:48	09/30/13 23:45
EPA 8260B	10/11/13	10/02/13 11:36	10/02/13 20:05
Field	09/27/13 10:43	09/27/13 10:29	09/27/13 10:29
Field	09/28/13 10:29 09/28/13 10:29	09/27/13 10:29	09/27/13 10:29
Field	09/29/13 10:29	09/27/13 10:29	09/27/13 10:29
SM 2540C-1997	10/04/13	09/29/13 04:28	09/30/13 22:46

# SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5A Lab ID: A305521-10 Sampled: 09/27/13 10:52 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/29/13 10:52	09/27/13 18:00	09/28/13 03:40
EPA 300.0	10/25/13	09/27/13 18:00	09/28/13 03:40
EPA 350.1	10/25/13	10/02/13 10:12	10/02/13 12:54
EPA 6020A	03/26/14	09/30/13 13:54	10/02/13 12:50
EPA 7470A	10/25/13	10/02/13 13:06	10/03/13 08:20
EPA 8011	10/11/13 10/15/13	10/01/13 11:37	10/01/13 14:42
EPA 8260B	10/11/13	10/02/13 11:36	10/02/13 20:37
Field	09/27/13 11:06	09/27/13 10:52	09/27/13 10:52
Field	09/28/13 10:52 09/28/13 10:52	09/27/13 10:52	09/27/13 10:52
Field	09/29/13 10:52	09/27/13 10:52	09/27/13 10:52
SM 2540C-1997	10/04/13	09/29/13 04:28	09/30/13 22:46

Client ID: MW-4 Lab ID: A305521-11 Sampled: 09/27/13 11:28 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/29/13 11:28	09/27/13 18:00	09/28/13 03:57
EPA 300.0	10/25/13	09/27/13 18:00	09/28/13 03:57
EPA 350.1	10/25/13	10/02/13 10:12	10/02/13 12:55
EPA 6020A	03/26/14	09/30/13 13:54	10/02/13 13:13
EPA 7470A	10/25/13	10/02/13 13:06	10/03/13 08:23
EPA 8011	10/11/13 10/15/13	10/01/13 11:37	10/01/13 14:59
EPA 8260B	10/11/13	10/02/13 11:36	10/02/13 21:10
Field	09/27/13 11:42	09/27/13 11:28	09/27/13 11:28
Field	09/28/13 11:28 09/28/13 11:28	09/27/13 11:28	09/27/13 11:28
Field	09/29/13 11:28	09/27/13 11:28	09/27/13 11:28
SM 2540C-1997	10/04/13	09/29/13 04:28	09/30/13 22:46

Client ID: MW-4B Lab ID: A305521-12 Sampled: 09/27/13 11:56 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/29/13 11:56	09/27/13 18:00	09/28/13 04:13
EPA 300.0	10/25/13	09/27/13 18:00	09/28/13 04:13
EPA 350.1	10/25/13	10/02/13 10:12	10/02/13 12:56
EPA 6020A	03/26/14	09/30/13 13:54	10/02/13 13:17
EPA 7470A	10/25/13	10/02/13 13:06	10/03/13 08:26
EPA 8011	10/11/13 10/15/13	10/01/13 11:37	10/01/13 15:16
EPA 8260B	10/11/13	10/02/13 11:36	10/02/13 21:42
Field	09/27/13 12:10	09/27/13 11:56	09/27/13 11:56
Field	09/28/13 11:56 09/28/13 11:56	09/27/13 11:56	09/27/13 11:56
Field	09/29/13 11:56	09/27/13 11:56	09/27/13 11:56
SM 2540C-1997	10/04/13	09/29/13 04:28	09/30/13 22:46

Client ID: MW-3B Lab ID: A305521-13 Sampled: 09/27/13 12:56 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	09/29/13 12:56	09/27/13 18:00	09/28/13 04:30
EPA 300.0	10/25/13	09/27/13 18:00	09/28/13 04:30
EPA 350.1	10/25/13	10/02/13 10:12	10/02/13 12:57
EPA 6020A	03/26/14	09/30/13 13:54	10/02/13 13:21
EPA 7470A	10/25/13	10/02/13 13:06	10/03/13 08:29
EPA 8011	10/11/13 10/15/13	10/01/13 11:37	10/01/13 15:32
EPA 8260B	10/11/13	10/02/13 11:36	10/02/13 22:13
Field	09/27/13 13:10	09/27/13 12:56	09/27/13 12:56
Field	09/28/13 12:56 09/28/13 12:56	09/27/13 12:56	09/27/13 12:56
Field	09/29/13 12:56	09/27/13 12:56	09/27/13 12:56
SM 2540C-1997	10/04/13	09/29/13 04:28	09/30/13 22:46

# SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-3			Lab ID: A305521-14		Sampled: 09/27/13 13:28		Received: 09/27/13 17:35	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0	09/29/13	13:28	09/27/13	18:00	09/28/13 04:47			
EPA 300.0	10/25/13		09/27/13	18:00	09/28/13 04:47			
EPA 350.1	10/25/13		10/02/13	10:12	10/02/13 12:59			
EPA 6020A	03/26/14		09/30/13	13:54	10/02/13 13:25			
EPA 7470A	10/25/13		10/02/13	13:06	10/03/13 08:32			
EPA 8011	10/11/13	10/15/13	10/01/13	11:37	10/01/13 15:49			
EPA 8260B	10/11/13		10/02/13	11:36	10/02/13 22:45			
Field	09/27/13	13:42	09/27/13	13:28	09/27/13 13:28			
Field	09/28/13	13:28	09/28/13	13:28	09/27/13 13:28			
Field	09/29/13	13:28	09/27/13	13:28	09/27/13 13:28			
SM 2540C-1997	10/04/13		09/29/13	04:28	09/30/13 22:46			

Client ID: TRIP BLANK 3		Lab ID: A305521-15		Sampled: 09/26/13 00:00		Received: 09/27/13 17:35	
<u>Parameter</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>			
EPA 8260B	10/10/13	10/02/13	11:36	10/02/13 23:17			

# SAMPLE DETECTION SUMMARY

Client ID: MW-6B

Lab ID: A305521-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Barium - Total	24.6	I	20.0	100	ug/L	EPA 6020A	
Chloride	3.6	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	2.20		0.00	0.00	mg/L	Field	
Nitrate as N	0.73	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	333.0		-999.0	-999.0	mV	Field	
pH	7.80				pH Units	Field	
Sodium - Total	5.50		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	193		0	0	umhos/cm	Field	
Temperature	24.22		0.00	0.00	°C	Field	
Total Dissolved Solids	84		10	10	mg/L	SM 2540C-1997	
Turbidity	7.00		0.00	0.00	NTU	Field	
Vanadium - Total	5.60	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	17.08				Ft	Field	

Client ID: MW-6

Lab ID: A305521-02

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	5.7		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	6.63		0.00	0.00	mg/L	Field	
Nitrate as N	1.7		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	537.6		-999.0	-999.0	mV	Field	
pH	4.60				pH Units	Field	
Sodium - Total	4.64		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	83		0	0	umhos/cm	Field	
Temperature	26.54		0.00	0.00	°C	Field	
Total Dissolved Solids	50		10	10	mg/L	SM 2540C-1997	
Turbidity	3.00		0.00	0.00	NTU	Field	
Water Elevation	18.06				Ft	Field	

Client ID: MW-7A

Lab ID: A305521-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.013	I	0.0073	0.020	mg/L	EPA 350.1	J
Chloride	16		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.97		0.00	0.00	mg/L	Field	
Iron - Total	1370		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.105	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.17	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	109.9		-999.0	-999.0	mV	Field	
pH	5.30				pH Units	Field	
Sodium - Total	6.81		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	137		0	0	umhos/cm	Field	
Temperature	26.69		0.00	0.00	°C	Field	
Total Dissolved Solids	94		10	10	mg/L	SM 2540C-1997	
Turbidity	7.90		0.00	0.00	NTU	Field	
Water Elevation	35.20				Ft	Field	

Client ID: MW-16B

Lab ID: A305521-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Barium - Total	96.0	I	20.0	100	ug/L	EPA 6020A	
Chloride	14		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	7.17		0.00	0.00	mg/L	Field	
Nitrate as N	5.6		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	98.6		-999.0	-999.0	mV	Field	
pH	8.55				pH Units	Field	
Sodium - Total	9.08		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	214		0	0	umhos/cm	Field	
Temperature	24.42		0.00	0.00	°C	Field	
Total Dissolved Solids	170		10	10	mg/L	SM 2540C-1997	
Turbidity	0.900		0.00	0.00	NTU	Field	
Water Elevation	66.18				Ft	Field	

# SAMPLE DETECTION SUMMARY

Client ID: MW-15B

Lab ID: A305521-05

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	13		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	5.24		0.00	0.00	mg/L	Field	
Nitrate as N	5.3		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	118.3		-999.0	-999.0	mV	Field	
pH	7.60				pH Units	Field	
Sodium - Total	7.75		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	261		0	0	umhos/cm	Field	
Temperature	24.63		0.00	0.00	°C	Field	
Total Dissolved Solids	180		10	10	mg/L	SM 2540C-1997	
Turbidity	1.20		0.00	0.00	NTU	Field	
Water Elevation	76.00				Ft	Field	

Client ID: MW-7BR

Lab ID: A305521-06

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.1	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	1.53		0.00	0.00	mg/L	Field	
Nitrate as N	0.78	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	104.5		-999.0	-999.0	mV	Field	
pH	7.50				pH Units	Field	
Sodium - Total	3.93		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	246		0	0	umhos/cm	Field	
Temperature	24.62		0.00	0.00	°C	Field	
Total Dissolved Solids	140		10	10	mg/L	SM 2540C-1997	
Turbidity	8.00		0.00	0.00	NTU	Field	
Vanadium - Total	9.13	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	31.51				Ft	Field	

Client ID: Supply Well

Lab ID: A305521-07

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	19		0.29	5.0	mg/L	EPA 300.0	
Chloroform	7.6		0.80	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	2.60		0.00	0.00	mg/L	Field	
Iron - Total	786		38.0	50.0	ug/L	EPA 6020A	
Nitrate as N	3.0		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	39.8		-999.0	-999.0	mV	Field	
pH	7.20				pH Units	Field	
Sodium - Total	13.1		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	350		0	0	umhos/cm	Field	
Temperature	24.50		0.00	0.00	°C	Field	
Total Dissolved Solids	240		10	10	mg/L	SM 2540C-1997	
Turbidity	5.80		0.00	0.00	NTU	Field	
Vanadium - Total	2.10	I	2.00	10.0	ug/L	EPA 6020A	
Zinc - Total	155		16.0	50.0	ug/L	EPA 6020A	

Client ID: MW-5B

Lab ID: A305521-09

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.2	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	3.80		0.00	0.00	mg/L	Field	
Nitrate as N	1.0		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	103.0		-999.0	-999.0	mV	Field	
pH	7.57				pH Units	Field	
Sodium - Total	3.73		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	249		0	0	umhos/cm	Field	
Temperature	23.64		0.00	0.00	°C	Field	
Total Dissolved Solids	170		10	10	mg/L	SM 2540C-1997	
Turbidity	0.400		0.00	0.00	NTU	Field	
Vanadium - Total	5.38	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	13.85				Ft	Field	

# SAMPLE DETECTION SUMMARY

Client ID: MW-5A

Lab ID: A305521-10

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	2.7	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	4.83		0.00	0.00	mg/L	Field	
Nitrate as N	1.7		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	259.5		-999.0	-999.0	mV	Field	
pH	6.41				pH Units	Field	
Sodium - Total	4.02		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	79		0	0	umhos/cm	Field	
Temperature	25.88		0.00	0.00	°C	Field	
Total Dissolved Solids	36		10	10	mg/L	SM 2540C-1997	
Turbidity	0.800		0.00	0.00	NTU	Field	
Water Elevation	10.45				Ft	Field	

Client ID: MW-4

Lab ID: A305521-11

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Barium - Total	25.6	I	20.0	100	ug/L	EPA 6020A	
Chloride	8.6		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	3.40		0.00	0.00	mg/L	Field	
Iron - Total	163		38.0	50.0	ug/L	EPA 6020A	
Nitrate as N	0.15	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	169.8		-999.0	-999.0	mV	Field	
pH	6.83				pH Units	Field	
Sodium - Total	16.2		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	557		0	0	umhos/cm	Field	
Temperature	25.17		0.00	0.00	°C	Field	
Total Dissolved Solids	310		10	10	mg/L	SM 2540C-1997	
Turbidity	6.00		0.00	0.00	NTU	Field	
Water Elevation	22.36				Ft	Field	

Client ID: MW-4B

Lab ID: A305521-12

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.2	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	2.93		0.00	0.00	mg/L	Field	
Nitrate as N	0.54	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	117.0		-999.0	-999.0	mV	Field	
pH	7.52				pH Units	Field	
Sodium - Total	4.82		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	245		0	0	umhos/cm	Field	
Temperature	24.05		0.00	0.00	°C	Field	
Total Dissolved Solids	160		10	10	mg/L	SM 2540C-1997	
Turbidity	0.200		0.00	0.00	NTU	Field	
Water Elevation	28.78				Ft	Field	

Client ID: MW-3B

Lab ID: A305521-13

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.1	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	2.29		0.00	0.00	mg/L	Field	
Nitrate as N	0.52	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	94.0		-999.0	-999.0	mV	Field	
pH	7.35				pH Units	Field	
Sodium - Total	4.30		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	330		0	0	umhos/cm	Field	
Temperature	25.30		0.00	0.00	°C	Field	
Total Dissolved Solids	220		10	10	mg/L	SM 2540C-1997	
Turbidity	0.900		0.00	0.00	NTU	Field	
Vanadium - Total	2.04	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	12.69				Ft	Field	



# SAMPLE DETECTION SUMMARY

Client ID: MW-3

Lab ID: A305521-14

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.8	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	3.59		0.00	0.00	mg/L	Field	
Nitrate as N	0.21	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	120.0		-999.0	-999.0	mV	Field	
pH	7.61				pH Units	Field	
Sodium - Total	7.34		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	417		0	0	umhos/cm	Field	
Temperature	27.83		0.00	0.00	°C	Field	
Total Dissolved Solids	230		10	10	mg/L	SM 2540C-1997	
Turbidity	0.500		0.00	0.00	NTU	Field	
Water Elevation	13.56				Ft	Field	

# ANALYTICAL RESULTS

**Description:** MW-6B

**Lab Sample ID:** A305521-01

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 15:37

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 15:45	kat	QM-11, U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	QM-07, U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U

# ANALYTICAL RESULTS

Description: MW-6B

Lab Sample ID: A305521-01

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 15:37

Work Order: A305521

Project: ENTERPRISE LF &amp; RECYC (FKA SID LARKIN &amp; SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 15:45	kat	U

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	40	1	50.0	80 %	41-142	3J02015	EPA 8260B	10/02/13 15:45	kat	
Dibromofluoromethane	56	1	50.0	111 %	53-146	3J02015	EPA 8260B	10/02/13 15:45	kat	
Toluene-d8	46	1	50.0	93 %	41-146	3J02015	EPA 8260B	10/02/13 15:45	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 21:32	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 21:32	JJB	U

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	0.23	1	0.250	94 %	70-130	3I30006	EPA 8011	09/30/13 21:32	JJB	

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 07:08	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Barium [7440-39-3]^	24.6	I	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Sodium [7440-23-5]^	5.50		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Vanadium [7440-62-2]^	5.60	I	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:19	JAY	

# ANALYTICAL RESULTS

**Description:** MW-6B

**Lab Sample ID:** A305521-01

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 15:37

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:29	KGonz	U
Chloride [16887-00-6]^	3.6	I	mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 00:53	RSA	
Nitrate as N [14797-55-8]^	0.73	I	mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 00:53	RSA	J
Total Dissolved Solids [ECL-0156]^	84		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	2.20		mg/L	1	0.00	0.00	3I26009	Field	09/26/13 15:37	FLD	
Oxidation/Reduction Potential [ECL-0110]	333.0		mV	1	-999.0	-999.0	3I26009	Field	09/26/13 15:37	FLD	
pH [ECL-0062]	7.80		pH Units	1			3I26009	Field	09/26/13 15:37	FLD	
Specific Conductance (EC) [ECL-0146]	193		umhos/cm	1	0	0	3I26009	Field	09/26/13 15:37	FLD	
Temperature [ECL-0151]	24.22		°C	1	0.00	0.00	3I26009	Field	09/26/13 15:37	FLD	
Turbidity [ECL-0177]	7.00		NTU	1	0.00	0.00	3I26009	Field	09/26/13 15:37	FLD	
Water Elevation [ECL-0180]	17.08		Ft	1			3I26009	Field	09/26/13 15:37	FLD	

# ANALYTICAL RESULTS

**Description:** MW-6

**Lab Sample ID:** A305521-02

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 15:49

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 16:18	kat	U

# ANALYTICAL RESULTS

**Description:** MW-6

**Lab Sample ID:** A305521-02

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 15:49

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	40	1	50.0	79 %	41-142		3J02015	EPA 8260B	10/02/13 16:18	kat	
Dibromofluoromethane	56	1	50.0	113 %	53-146		3J02015	EPA 8260B	10/02/13 16:18	kat	
Toluene-d8	46	1	50.0	93 %	41-146		3J02015	EPA 8260B	10/02/13 16:18	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 21:49	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 21:49	JJB	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.23	1	0.250	91 %	70-130	3I30006	EPA 8011	09/30/13 21:49	JJB		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 07:52	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 11:37	JAY	
<b>Sodium [7440-23-5]^</b>	<b>4.64</b>		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 11:37	JAY	

# ANALYTICAL RESULTS

**Description:** MW-6

**Lab Sample ID:** A305521-02

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 15:49

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:43	KGonz	U
Chloride [16887-00-6]^	5.7		mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 01:09	RSA	
Nitrate as N [14797-55-8]^	1.7		mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 01:09	RSA	
Total Dissolved Solids [ECL-0156]^	50		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	6.63		mg/L	1	0.00	0.00	3I26009	Field	09/26/13 15:49	FLD	
Oxidation/Reduction Potential [ECL-0110]	537.6		mV	1	-999.0	-999.0	3I26009	Field	09/26/13 15:49	FLD	
pH [ECL-0062]	4.60		pH Units	1			3I26009	Field	09/26/13 15:49	FLD	
Specific Conductance (EC) [ECL-0146]	83		umhos/cm	1	0	0	3I26009	Field	09/26/13 15:49	FLD	
Temperature [ECL-0151]	26.54		°C	1	0.00	0.00	3I26009	Field	09/26/13 15:49	FLD	
Turbidity [ECL-0177]	3.00		NTU	1	0.00	0.00	3I26009	Field	09/26/13 15:49	FLD	
Water Elevation [ECL-0180]	18.06		Ft	1			3I26009	Field	09/26/13 15:49	FLD	

# ANALYTICAL RESULTS

**Description:** MW-7A

**Lab Sample ID:** A305521-03

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 16:39

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3302015	EPA 8260B	10/02/13 16:50	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3302015	EPA 8260B	10/02/13 16:50	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3302015	EPA 8260B	10/02/13 16:50	kat	U



# ANALYTICAL RESULTS

Description: MW-7A

Lab Sample ID: A305521-03

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 16:39

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	39	1	50.0	79 %	41-142		3J02015	EPA 8260B	10/02/13 16:50	kat	
Dibromofluoromethane	56	1	50.0	111 %	53-146		3J02015	EPA 8260B	10/02/13 16:50	kat	
Toluene-d8	46	1	50.0	92 %	41-146		3J02015	EPA 8260B	10/02/13 16:50	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 22:05	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 22:05	JJB	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.21	1	0.250	85 %	70-130	3I30006	EPA 8011	09/30/13 22:05	JJB		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.105	I	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 07:56	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Iron [7439-89-6]^	1370		ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Sodium [7440-23-5]^	6.81		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:23	JAY	

# ANALYTICAL RESULTS

**Description:** MW-7A

**Lab Sample ID:** A305521-03

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 16:39

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.013	I	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:44	KGonz	J
Chloride [16887-00-6]^	16		mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 01:26	RSA	
Nitrate as N [14797-55-8]^	0.17	I	mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 01:26	RSA	J
Total Dissolved Solids [ECL-0156]^	94		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.97		mg/L	1	0.00	0.00	3I26009	Field	09/26/13 16:39	FLD	
Oxidation/Reduction Potential [ECL-0110]	109.9		mV	1	-999.0	-999.0	3I26009	Field	09/26/13 16:39	FLD	
pH [ECL-0062]	5.30		pH Units	1			3I26009	Field	09/26/13 16:39	FLD	
Specific Conductance (EC) [ECL-0146]	137		umhos/cm	1	0	0	3I26009	Field	09/26/13 16:39	FLD	
Temperature [ECL-0151]	26.69		°C	1	0.00	0.00	3I26009	Field	09/26/13 16:39	FLD	
Turbidity [ECL-0177]	7.90		NTU	1	0.00	0.00	3I26009	Field	09/26/13 16:39	FLD	
Water Elevation [ECL-0180]	35.20		Ft	1			3I26009	Field	09/26/13 16:39	FLD	

# ANALYTICAL RESULTS

**Description:** MW-16B

**Lab Sample ID:** A305521-04

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 17:29

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 17:23	kat	U

# ANALYTICAL RESULTS

Description: MW-16B

Lab Sample ID: A305521-04

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 17:29

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	39	1	50.0	78 %	41-142		3J02015	EPA 8260B	10/02/13 17:23	kat	
Dibromofluoromethane	55	1	50.0	111 %	53-146		3J02015	EPA 8260B	10/02/13 17:23	kat	
Toluene-d8	46	1	50.0	93 %	41-146		3J02015	EPA 8260B	10/02/13 17:23	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 22:39	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 22:39	JJB	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.23	1	0.250	92 %	70-130	3I30006	EPA 8011	09/30/13 22:39	JJB		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 07:59	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Barium [7440-39-3]^	96.0	I	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Sodium [7440-23-5]^	9.08		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:27	JAY	

# ANALYTICAL RESULTS

**Description:** MW-16B

**Lab Sample ID:** A305521-04

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 17:29

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:45	KGonz	U
Chloride [16887-00-6]^	14		mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 01:43	RSA	
Nitrate as N [14797-55-8]^	5.6		mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 01:43	RSA	
Total Dissolved Solids [ECL-0156]^	170		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	7.17		mg/L	1	0.00	0.00	3I26009	Field	09/26/13 17:29	FLD	
Oxidation/Reduction Potential [ECL-0110]	98.6		mV	1	-999.0	-999.0	3I26009	Field	09/26/13 17:29	FLD	
pH [ECL-0062]	8.55		pH Units	1			3I26009	Field	09/26/13 17:29	FLD	
Specific Conductance (EC) [ECL-0146]	214		umhos/cm	1	0	0	3I26009	Field	09/26/13 17:29	FLD	
Temperature [ECL-0151]	24.42		°C	1	0.00	0.00	3I26009	Field	09/26/13 17:29	FLD	
Turbidity [ECL-0177]	0.900		NTU	1	0.00	0.00	3I26009	Field	09/26/13 17:29	FLD	
Water Elevation [ECL-0180]	66.18		Ft	1			3I26009	Field	09/26/13 17:29	FLD	

# ANALYTICAL RESULTS

**Description:** MW-15B

**Lab Sample ID:** A305521-05

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 18:07

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3302015	EPA 8260B	10/02/13 17:56	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3302015	EPA 8260B	10/02/13 17:56	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3302015	EPA 8260B	10/02/13 17:56	kat	U

# ANALYTICAL RESULTS

Description: MW-15B

Lab Sample ID: A305521-05

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 18:07

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	40	1	50.0	81 %	41-142		3J02015	EPA 8260B	10/02/13 17:56	kat	
Dibromofluoromethane	56	1	50.0	112 %	53-146		3J02015	EPA 8260B	10/02/13 17:56	kat	
Toluene-d8	47	1	50.0	94 %	41-146		3J02015	EPA 8260B	10/02/13 17:56	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 22:55	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 22:55	JJB	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.23	1	0.250	91 %	70-130	3I30006	EPA 8011	09/30/13 22:55	JJB		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:02	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Sodium [7440-23-5]^	7.75		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:31	JAY	

# ANALYTICAL RESULTS

**Description:** MW-15B

**Lab Sample ID:** A305521-05

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 18:07

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:49	KGonz	U
Chloride [16887-00-6]^	13		mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 01:59	RSA	
Nitrate as N [14797-55-8]^	5.3		mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 01:59	RSA	
Total Dissolved Solids [ECL-0156]^	180		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	5.24		mg/L	1	0.00	0.00	3I26009	Field	09/26/13 18:07	FLD	
Oxidation/Reduction Potential [ECL-0110]	118.3		mV	1	-999.0	-999.0	3I26009	Field	09/26/13 18:07	FLD	
pH [ECL-0062]	7.60		pH Units	1			3I26009	Field	09/26/13 18:07	FLD	
Specific Conductance (EC) [ECL-0146]	261		umhos/cm	1	0	0	3I26009	Field	09/26/13 18:07	FLD	
Temperature [ECL-0151]	24.63		°C	1	0.00	0.00	3I26009	Field	09/26/13 18:07	FLD	
Turbidity [ECL-0177]	1.20		NTU	1	0.00	0.00	3I26009	Field	09/26/13 18:07	FLD	
Water Elevation [ECL-0180]	76.00		Ft	1			3I26009	Field	09/26/13 18:07	FLD	



# ANALYTICAL RESULTS

**Description:** MW-7BR

**Lab Sample ID:** A305521-06

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 18:41

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 18:29	kat	U

# ANALYTICAL RESULTS

Description: MW-7BR

Lab Sample ID: A305521-06

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 18:41

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	39	1	50.0	78 %	41-142		3J02015	EPA 8260B	10/02/13 18:29	kat	
Dibromofluoromethane	56	1	50.0	112 %	53-146		3J02015	EPA 8260B	10/02/13 18:29	kat	
Toluene-d8	47	1	50.0	93 %	41-146		3J02015	EPA 8260B	10/02/13 18:29	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 23:12	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 23:12	JJB	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.24	1	0.250	94 %	70-130	3I30006	EPA 8011	09/30/13 23:12	JJB		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:05	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Sodium [7440-23-5]^	3.93		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Vanadium [7440-62-2]^	9.13	I	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:35	JAY	

# ANALYTICAL RESULTS

**Description:** MW-7BR

**Lab Sample ID:** A305521-06

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 18:41

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:50	KGonz	U
Chloride [16887-00-6]^	4.1	I	mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 02:16	RSA	
Nitrate as N [14797-55-8]^	0.78	I	mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 02:16	RSA	J
Total Dissolved Solids [ECL-0156]^	140		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	1.53		mg/L	1	0.00	0.00	3I26009	Field	09/26/13 18:41	FLD	
Oxidation/Reduction Potential [ECL-0110]	104.5		mV	1	-999.0	-999.0	3I26009	Field	09/26/13 18:41	FLD	
pH [ECL-0062]	7.50		pH Units	1			3I26009	Field	09/26/13 18:41	FLD	
Specific Conductance (EC) [ECL-0146]	246		umhos/cm	1	0	0	3I26009	Field	09/26/13 18:41	FLD	
Temperature [ECL-0151]	24.62		°C	1	0.00	0.00	3I26009	Field	09/26/13 18:41	FLD	
Turbidity [ECL-0177]	8.00		NTU	1	0.00	0.00	3I26009	Field	09/26/13 18:41	FLD	
Water Elevation [ECL-0180]	31.51		Ft	1			3I26009	Field	09/26/13 18:41	FLD	

# ANALYTICAL RESULTS

**Description:** Supply Well

**Lab Sample ID:** A305521-07

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 19:20

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3302015	EPA 8260B	10/02/13 19:01	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
<b>Chloroform [67-66-3]^</b>	<b>7.6</b>		ug/L	1	0.80	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3302015	EPA 8260B	10/02/13 19:01	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3302015	EPA 8260B	10/02/13 19:01	kat	U

# ANALYTICAL RESULTS

Description: Supply Well

Lab Sample ID: A305521-07

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 19:20

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	39	1	50.0	78 %	41-142		3J02015	EPA 8260B	10/02/13 19:01	kat	
Dibromofluoromethane	55	1	50.0	111 %	53-146		3J02015	EPA 8260B	10/02/13 19:01	kat	
Toluene-d8	46	1	50.0	93 %	41-146		3J02015	EPA 8260B	10/02/13 19:01	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 23:29	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 23:29	JJB	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.24	1	0.250	98 %	70-130	3I30006	EPA 8011	09/30/13 23:29	JJB		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:08	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
<b>Iron [7439-89-6]^</b>	<b>786</b>		ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:39	JAY	
<b>Sodium [7440-23-5]^</b>	<b>13.1</b>		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:39	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:39	JAY	
<b>Vanadium [7440-62-2]^</b>	<b>2.10</b>	I	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	
<b>Zinc [7440-66-6]^</b>	<b>155</b>		ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:39	JAY	

# ANALYTICAL RESULTS

**Description:** Supply Well

**Lab Sample ID:** A305521-07

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/26/13 19:20

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:51	KGonz	U
Chloride [16887-00-6]^	19		mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 03:06	RSA	
Nitrate as N [14797-55-8]^	3.0		mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 03:06	RSA	
Total Dissolved Solids [ECL-0156]^	240		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	2.60		mg/L	1	0.00	0.00	3I26009	Field	09/26/13 19:20	FLD	
Oxidation/Reduction Potential [ECL-0110]	39.8		mV	1	-999.0	-999.0	3I26009	Field	09/26/13 19:20	FLD	
pH [ECL-0062]	7.20		pH Units	1			3I26009	Field	09/26/13 19:20	FLD	
Specific Conductance (EC) [ECL-0146]	350		umhos/cm	1	0	0	3I26009	Field	09/26/13 19:20	FLD	
Temperature [ECL-0151]	24.50		°C	1	0.00	0.00	3I26009	Field	09/26/13 19:20	FLD	
Turbidity [ECL-0177]	5.80		NTU	1	0.00	0.00	3I26009	Field	09/26/13 19:20	FLD	

# ANALYTICAL RESULTS

**Description:** TRIP BLANK 2

**Lab Sample ID:** A305521-08

**Received:** 09/27/13 17:35

**Matrix:** Water

**Sampled:** 09/26/13 00:00

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Enco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 19:33	kat	U

# ANALYTICAL RESULTS

**Description:** TRIP BLANK 2

**Lab Sample ID:** A305521-08

**Received:** 09/27/13 17:35

**Matrix:** Water

**Sampled:** 09/26/13 00:00

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

**Sampled By:** Enco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	40	1	50.0	80 %	41-142		3J02015	EPA 8260B	10/02/13 19:33	kat	
Dibromofluoromethane	56	1	50.0	113 %	53-146		3J02015	EPA 8260B	10/02/13 19:33	kat	
Toluene-d8	46	1	50.0	93 %	41-146		3J02015	EPA 8260B	10/02/13 19:33	kat	



# ANALYTICAL RESULTS

**Description:** MW-5B

**Lab Sample ID:** A305521-09

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 10:29

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 20:05	kat	U

# ANALYTICAL RESULTS

Description: MW-5B

Lab Sample ID: A305521-09

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/27/13 10:29

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	40	1	50.0	80 %	41-142		3J02015	EPA 8260B	10/02/13 20:05	kat	
Dibromofluoromethane	57	1	50.0	113 %	53-146		3J02015	EPA 8260B	10/02/13 20:05	kat	
Toluene-d8	47	1	50.0	94 %	41-146		3J02015	EPA 8260B	10/02/13 20:05	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 23:45	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 23:45	JJB	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.23	1	0.250	92 %	70-130	3I30006	EPA 8011	09/30/13 23:45	JJB		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:17	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Sodium [7440-23-5]^	3.73		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Vanadium [7440-62-2]^	5.38	I	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:46	JAY	

# ANALYTICAL RESULTS

**Description:** MW-5B

**Lab Sample ID:** A305521-09

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 10:29

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:53	KGonz	U
Chloride [16887-00-6]^	3.2	I	mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 03:23	RSA	
Nitrate as N [14797-55-8]^	1.0		mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 03:23	RSA	
Total Dissolved Solids [ECL-0156]^	170		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	3.80		mg/L	1	0.00	0.00	3I26009	Field	09/27/13 10:29	FLD	
Oxidation/Reduction Potential [ECL-0110]	103.0		mV	1	-999.0	-999.0	3I26009	Field	09/27/13 10:29	FLD	
pH [ECL-0062]	7.57		pH Units	1			3I26009	Field	09/27/13 10:29	FLD	
Specific Conductance (EC) [ECL-0146]	249		umhos/cm	1	0	0	3I26009	Field	09/27/13 10:29	FLD	
Temperature [ECL-0151]	23.64		°C	1	0.00	0.00	3I26009	Field	09/27/13 10:29	FLD	
Turbidity [ECL-0177]	0.400		NTU	1	0.00	0.00	3I26009	Field	09/27/13 10:29	FLD	
Water Elevation [ECL-0180]	13.85		Ft	1			3I26009	Field	09/27/13 10:29	FLD	

# ANALYTICAL RESULTS

**Description:** MW-5A

**Lab Sample ID:** A305521-10

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 10:52

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 20:37	kat	U

# ANALYTICAL RESULTS

Description: MW-5A

Lab Sample ID: A305521-10

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/27/13 10:52

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	39	1	50.0	79 %	41-142		3J02015	EPA 8260B	10/02/13 20:37	kat	
Dibromofluoromethane	55	1	50.0	110 %	53-146		3J02015	EPA 8260B	10/02/13 20:37	kat	
Toluene-d8	46	1	50.0	93 %	41-146		3J02015	EPA 8260B	10/02/13 20:37	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3J01015	EPA 8011	10/01/13 14:42	RGG	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3J01015	EPA 8011	10/01/13 14:42	RGG	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.24	1	0.250	95 %	70-130	3J01015	EPA 8011	10/01/13 14:42	RGG		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:20	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Sodium [7440-23-5]^	4.02		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:50	JAY	

# ANALYTICAL RESULTS

**Description:** MW-5A

**Lab Sample ID:** A305521-10

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 10:52

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:54	KGonz	U
Chloride [16887-00-6]^	2.7	I	mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 03:40	RSA	
Nitrate as N [14797-55-8]^	1.7		mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 03:40	RSA	
Total Dissolved Solids [ECL-0156]^	36		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	4.83		mg/L	1	0.00	0.00	3I26009	Field	09/27/13 10:52	FLD	
Oxidation/Reduction Potential [ECL-0110]	259.5		mV	1	-999.0	-999.0	3I26009	Field	09/27/13 10:52	FLD	
pH [ECL-0062]	6.41		pH Units	1			3I26009	Field	09/27/13 10:52	FLD	
Specific Conductance (EC) [ECL-0146]	79		umhos/cm	1	0	0	3I26009	Field	09/27/13 10:52	FLD	
Temperature [ECL-0151]	25.88		°C	1	0.00	0.00	3I26009	Field	09/27/13 10:52	FLD	
Turbidity [ECL-0177]	0.800		NTU	1	0.00	0.00	3I26009	Field	09/27/13 10:52	FLD	
Water Elevation [ECL-0180]	10.45		Ft	1			3I26009	Field	09/27/13 10:52	FLD	

# ANALYTICAL RESULTS

**Description:** MW-4

**Lab Sample ID:** A305521-11

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 11:28

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 21:10	kat	U



# ANALYTICAL RESULTS

Description: MW-4

Lab Sample ID: A305521-11

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/27/13 11:28

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	39	1	50.0	79 %	41-142		3J02015	EPA 8260B	10/02/13 21:10	kat	
Dibromofluoromethane	56	1	50.0	112 %	53-146		3J02015	EPA 8260B	10/02/13 21:10	kat	
Toluene-d8	47	1	50.0	94 %	41-146		3J02015	EPA 8260B	10/02/13 21:10	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3J01015	EPA 8011	10/01/13 14:59	RGG	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3J01015	EPA 8011	10/01/13 14:59	RGG	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.24	1	0.250	95 %	70-130	3J01015	EPA 8011	10/01/13 14:59	RGG		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:23	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Barium [7440-39-3]^	25.6	I	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Iron [7439-89-6]^	163		ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Sodium [7440-23-5]^	16.2		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 13:13	JAY	



# ANALYTICAL RESULTS

**Description:** MW-4

**Lab Sample ID:** A305521-11

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 11:28

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:55	KGonz	U
Chloride [16887-00-6]^	8.6		mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 03:57	RSA	
Nitrate as N [14797-55-8]^	0.15	I	mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 03:57	RSA	J
Total Dissolved Solids [ECL-0156]^	310		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	3.40		mg/L	1	0.00	0.00	3I26009	Field	09/27/13 11:28	FLD	
Oxidation/Reduction Potential [ECL-0110]	169.8		mV	1	-999.0	-999.0	3I26009	Field	09/27/13 11:28	FLD	
pH [ECL-0062]	6.83		pH Units	1			3I26009	Field	09/27/13 11:28	FLD	
Specific Conductance (EC) [ECL-0146]	557		umhos/cm	1	0	0	3I26009	Field	09/27/13 11:28	FLD	
Temperature [ECL-0151]	25.17		°C	1	0.00	0.00	3I26009	Field	09/27/13 11:28	FLD	
Turbidity [ECL-0177]	6.00		NTU	1	0.00	0.00	3I26009	Field	09/27/13 11:28	FLD	
Water Elevation [ECL-0180]	22.36		Ft	1			3I26009	Field	09/27/13 11:28	FLD	

# ANALYTICAL RESULTS

**Description:** MW-4B

**Lab Sample ID:** A305521-12

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 11:56

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 21:42	kat	U

# ANALYTICAL RESULTS

Description: MW-4B

Lab Sample ID: A305521-12

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/27/13 11:56

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	40	1	50.0	79 %	41-142		3J02015	EPA 8260B	10/02/13 21:42	kat	
Dibromofluoromethane	57	1	50.0	114 %	53-146		3J02015	EPA 8260B	10/02/13 21:42	kat	
Toluene-d8	47	1	50.0	93 %	41-146		3J02015	EPA 8260B	10/02/13 21:42	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3J01015	EPA 8011	10/01/13 15:16	RGG	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3J01015	EPA 8011	10/01/13 15:16	RGG	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.24	1	0.250	97 %	70-130	3J01015	EPA 8011	10/01/13 15:16	RGG		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:26	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Sodium [7440-23-5]^	4.82		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 13:17	JAY	

# ANALYTICAL RESULTS

**Description:** MW-4B

**Lab Sample ID:** A305521-12

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 11:56

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:56	KGonz	U
Chloride [16887-00-6]^	4.2	I	mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 04:13	RSA	
Nitrate as N [14797-55-8]^	0.54	I	mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 04:13	RSA	J
Total Dissolved Solids [ECL-0156]^	160		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	2.93		mg/L	1	0.00	0.00	3I26009	Field	09/27/13 11:56	FLD	
Oxidation/Reduction Potential [ECL-0110]	117.0		mV	1	-999.0	-999.0	3I26009	Field	09/27/13 11:56	FLD	
pH [ECL-0062]	7.52		pH Units	1			3I26009	Field	09/27/13 11:56	FLD	
Specific Conductance (EC) [ECL-0146]	245		umhos/cm	1	0	0	3I26009	Field	09/27/13 11:56	FLD	
Temperature [ECL-0151]	24.05		°C	1	0.00	0.00	3I26009	Field	09/27/13 11:56	FLD	
Turbidity [ECL-0177]	0.200		NTU	1	0.00	0.00	3I26009	Field	09/27/13 11:56	FLD	
Water Elevation [ECL-0180]	28.78		Ft	1			3I26009	Field	09/27/13 11:56	FLD	

# ANALYTICAL RESULTS

**Description:** MW-3B

**Lab Sample ID:** A305521-13

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 12:56

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 22:13	kat	U

# ANALYTICAL RESULTS

Description: MW-3B

Lab Sample ID: A305521-13

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/27/13 12:56

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
4-Bromofluorobenzene	40	1	50.0	80 %	41-142	3J02015	EPA 8260B	10/02/13 22:13	kat		
Dibromofluoromethane	56	1	50.0	112 %	53-146	3J02015	EPA 8260B	10/02/13 22:13	kat		
Toluene-d8	47	1	50.0	93 %	41-146	3J02015	EPA 8260B	10/02/13 22:13	kat		

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3J01015	EPA 8011	10/01/13 15:32	RGG	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3J01015	EPA 8011	10/01/13 15:32	RGG	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.23	1	0.250	90 %	70-130	3J01015	EPA 8011	10/01/13 15:32	RGG		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:29	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Sodium [7440-23-5]^	4.30		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Vanadium [7440-62-2]^	2.04	I	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 13:21	JAY	

# ANALYTICAL RESULTS

**Description:** MW-3B

**Lab Sample ID:** A305521-13

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 12:56

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:57	KGonz	U
Chloride [16887-00-6]^	4.1	I	mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 04:30	RSA	
Nitrate as N [14797-55-8]^	0.52	I	mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 04:30	RSA	J
Total Dissolved Solids [ECL-0156]^	220		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	2.29		mg/L	1	0.00	0.00	3I26009	Field	09/27/13 12:56	FLD	
Oxidation/Reduction Potential [ECL-0110]	94.0		mV	1	-999.0	-999.0	3I26009	Field	09/27/13 12:56	FLD	
pH [ECL-0062]	7.35		pH Units	1			3I26009	Field	09/27/13 12:56	FLD	
Specific Conductance (EC) [ECL-0146]	330		umhos/cm	1	0	0	3I26009	Field	09/27/13 12:56	FLD	
Temperature [ECL-0151]	25.30		°C	1	0.00	0.00	3I26009	Field	09/27/13 12:56	FLD	
Turbidity [ECL-0177]	0.900		NTU	1	0.00	0.00	3I26009	Field	09/27/13 12:56	FLD	
Water Elevation [ECL-0180]	12.69		Ft	1			3I26009	Field	09/27/13 12:56	FLD	

# ANALYTICAL RESULTS

**Description:** MW-3

**Lab Sample ID:** A305521-14

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 13:28

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 22:45	kat	U



# ANALYTICAL RESULTS

Description: MW-3

Lab Sample ID: A305521-14

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/27/13 13:28

Work Order: A305521

Project: ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

Sampled By: Chris Monaco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	40	1	50.0	80 %	41-142		3J02015	EPA 8260B	10/02/13 22:45	kat	
Dibromofluoromethane	56	1	50.0	111 %	53-146		3J02015	EPA 8260B	10/02/13 22:45	kat	
Toluene-d8	47	1	50.0	93 %	41-146		3J02015	EPA 8260B	10/02/13 22:45	kat	

## Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3J01015	EPA 8011	10/01/13 15:49	RGG	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3J01015	EPA 8011	10/01/13 15:49	RGG	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.23	1	0.250	90 %	70-130	3J01015	EPA 8011	10/01/13 15:49	RGG		

## Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 08:32	JAY	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Sodium [7440-23-5]^	7.34		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 13:25	JAY	

# ANALYTICAL RESULTS

**Description:** MW-3

**Lab Sample ID:** A305521-14

**Received:** 09/27/13 17:35

**Matrix:** Ground Water

**Sampled:** 09/27/13 13:28

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Chris Monaco

## Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	3J02014	EPA 350.1	10/02/13 12:59	KGonz	U
Chloride [16887-00-6]^	3.8	I	mg/L	1	0.29	5.0	3I27027	EPA 300.0	09/28/13 04:47	RSA	
Nitrate as N [14797-55-8]^	0.21	I	mg/L	1	0.052	1.0	3I27027	EPA 300.0	09/28/13 04:47	RSA	J
Total Dissolved Solids [ECL-0156]^	230		mg/L	1	10	10	3I29001	SM 2540C-1997	09/30/13 22:46	AH	

## Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	3.59		mg/L	1	0.00	0.00	3I26009	Field	09/27/13 13:28	FLD	
Oxidation/Reduction Potential [ECL-0110]	120.0		mV	1	-999.0	-999.0	3I26009	Field	09/27/13 13:28	FLD	
pH [ECL-0062]	7.61		pH Units	1			3I26009	Field	09/27/13 13:28	FLD	
Specific Conductance (EC) [ECL-0146]	417		umhos/cm	1	0	0	3I26009	Field	09/27/13 13:28	FLD	
Temperature [ECL-0151]	27.83		°C	1	0.00	0.00	3I26009	Field	09/27/13 13:28	FLD	
Turbidity [ECL-0177]	0.500		NTU	1	0.00	0.00	3I26009	Field	09/27/13 13:28	FLD	
Water Elevation [ECL-0180]	13.56		Ft	1			3I26009	Field	09/27/13 13:28	FLD	

# ANALYTICAL RESULTS

**Description:** TRIP BLANK 3

**Lab Sample ID:** A305521-15

**Received:** 09/27/13 17:35

**Matrix:** Water

**Sampled:** 09/26/13 00:00

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Enco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3J02015	EPA 8260B	10/02/13 23:17	kat	U



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## ANALYTICAL RESULTS

**Description:** TRIP BLANK 3

**Lab Sample ID:** A305521-15

**Received:** 09/27/13 17:35

**Matrix:** Water

**Sampled:** 09/26/13 00:00

**Work Order:** A305521

**Project:** ENTERPRISE LF & RECYC (FKA SID  
LARKIN & SON, INC.)

**Sampled By:** Enco

## Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	40	1	50.0	81 %	41-142		3J02015	EPA 8260B	10/02/13 23:17	kat	
Dibromofluoromethane	56	1	50.0	112 %	53-146		3J02015	EPA 8260B	10/02/13 23:17	kat	
Toluene-d8	47	1	50.0	94 %	41-146		3J02015	EPA 8260B	10/02/13 23:17	kat	

# QUALITY CONTROL DATA

## Volatile Organic Compounds by GCMS - Quality Control

Batch 3J02015 - EPA 5030B\_MS

Blank (3J02015-BLK1)

Prepared: 10/02/2013 11:36 Analyzed: 10/02/2013 15:12

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							U
1,1-Dichloroethane	0.62	U	1.0	ug/L							U
1,1-Dichloroethene	0.94	U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64	U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							U
1,2-Dichloroethane	0.63	U	1.0	ug/L							U
1,2-Dichloropropane	0.80	U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							U
2-Butanone	4.5	U	5.0	ug/L							U
2-Hexanone	1.4	U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							U
Acetone	1.8	U	5.0	ug/L							U
Acrylonitrile	3.2	U	10	ug/L							U
Benzene	0.71	U	1.0	ug/L							U
Bromochloromethane	0.94	U	1.0	ug/L							U
Bromodichloromethane	0.52	U	1.0	ug/L							U
Bromoform	0.75	U	1.0	ug/L							U
Bromomethane	0.95	U	1.0	ug/L							U
Carbon disulfide	2.6	U	5.0	ug/L							U
Carbon tetrachloride	0.94	U	1.0	ug/L							U
Chlorobenzene	0.72	U	1.0	ug/L							U
Chloroethane	0.98	U	1.0	ug/L							U
Chloroform	0.80	U	1.0	ug/L							U
Chloromethane	0.82	U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							U
Dibromochloromethane	0.44	U	1.0	ug/L							U
Dibromomethane	0.84	U	1.0	ug/L							U
Ethylbenzene	0.69	U	1.0	ug/L							U
Iodomethane	0.72	U	1.0	ug/L							U
m,p-Xylenes	1.3	U	2.0	ug/L							U
Methylene chloride	0.71	U	2.0	ug/L							U
o-Xylene	0.53	U	1.0	ug/L							U
Styrene	0.61	U	1.0	ug/L							U
Tetrachloroethene	0.76	U	1.0	ug/L							U
Toluene	0.72	U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							U
Trichloroethene	0.89	U	1.0	ug/L							U
Trichlorofluoromethane	0.94	U	1.0	ug/L							U
Vinyl acetate	0.60	U	1.0	ug/L							U
Vinyl chloride	0.71	U	1.0	ug/L							U
Xylenes (Total)	1.3	U	2.0	ug/L							U
4-Bromofluorobenzene	39			ug/L	50.0		78	41-142			
Dibromofluoromethane	57			ug/L	50.0		114	53-146			

# QUALITY CONTROL DATA

## Volatile Organic Compounds by GCMS - Quality Control

Batch 3J02015 - EPA 5030B\_MS - Continued

Blank (3J02015-BLK1) Continued

Prepared: 10/02/2013 11:36 Analyzed: 10/02/2013 15:12

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene-d8	47			ug/L	50.0		93	41-146			

LCS (3J02015-BS1)

Prepared: 10/02/2013 11:36 Analyzed: 10/02/2013 13:35

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0		134	65-144			
Benzene	23		1.0	ug/L	20.0		113	73-138			
Chlorobenzene	23		1.0	ug/L	20.0		114	77-127			
Toluene	21		1.0	ug/L	20.0		106	71-123			
Trichloroethene	23		1.0	ug/L	20.0		114	83-133			
4-Bromofluorobenzene	39			ug/L	50.0		77	41-142			
Dibromofluoromethane	53			ug/L	50.0		105	53-146			
Toluene-d8	46			ug/L	50.0		93	41-146			

Matrix Spike (3J02015-MS1)

Prepared: 10/02/2013 11:36 Analyzed: 10/02/2013 14:07

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.94 U	129	65-144			
Benzene	22		1.0	ug/L	20.0	0.71 U	111	73-138			
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	111	77-127			
Toluene	21		1.0	ug/L	20.0	0.72 U	107	71-123			
Trichloroethene	22		1.0	ug/L	20.0	0.89 U	112	83-133			
4-Bromofluorobenzene	40			ug/L	50.0		80	41-142			
Dibromofluoromethane	55			ug/L	50.0		111	53-146			
Toluene-d8	48			ug/L	50.0		95	41-146			

Matrix Spike Dup (3J02015-MSD1)

Prepared: 10/02/2013 11:36 Analyzed: 10/02/2013 14:39

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0	0.94 U	134	65-144	3	16	
Benzene	22		1.0	ug/L	20.0	0.71 U	110	73-138	1	14	
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	110	77-127	1	13	
Toluene	21		1.0	ug/L	20.0	0.72 U	104	71-123	2	16	
Trichloroethene	22		1.0	ug/L	20.0	0.89 U	111	83-133	2	20	
4-Bromofluorobenzene	39			ug/L	50.0		79	41-142			
Dibromofluoromethane	55			ug/L	50.0		111	53-146			
Toluene-d8	47			ug/L	50.0		93	41-146			

## Semivolatile Organic Compounds by GC - Quality Control

Batch 3I30006 - EPA 504/8011

Blank (3I30006-BLK1)

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 16:47

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.004	U	0.020	ug/L							U
1,2-Dibromoethane	0.003	U	0.020	ug/L							U

# QUALITY CONTROL DATA

## Semivolatile Organic Compounds by GC - Quality Control

### Batch 3I30006 - EPA 504/8011 - Continued

#### Blank (3I30006-BLK1) Continued

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 16:47

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.27			ug/L	0.250		109	70-130			

#### LCS (3I30006-BS1)

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 17:04

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.24		0.020	ug/L	0.250		96	61-139			
1,2-Dibromoethane	0.22		0.020	ug/L	0.250		88	65-133			
1,1,1,2-Tetrachloroethane	0.26			ug/L	0.250		105	70-130			

#### Matrix Spike (3I30006-MS1)

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 17:21

Source: A305332-03

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.24		0.020	ug/L	0.250	0.004 U	95	61-139			
1,2-Dibromoethane	0.21		0.020	ug/L	0.250	0.003 U	85	65-133			
1,1,1,2-Tetrachloroethane	0.25			ug/L	0.250		100	70-130			

#### Matrix Spike Dup (3I30006-MSD1)

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 17:37

Source: A305332-03

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.24		0.020	ug/L	0.250	0.004 U	97	61-139	2	12	
1,2-Dibromoethane	0.22		0.020	ug/L	0.250	0.003 U	86	65-133	1	17	
1,1,1,2-Tetrachloroethane	0.26			ug/L	0.250		103	70-130			

### Batch 3J01015 - EPA 504/8011

#### Blank (3J01015-BLK1)

Prepared: 10/01/2013 11:37 Analyzed: 10/01/2013 13:18

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.004	U	0.020	ug/L							U
1,2-Dibromoethane	0.003	U	0.020	ug/L							U
1,1,1,2-Tetrachloroethane	0.23			ug/L	0.250		93	70-130			

#### LCS (3J01015-BS1)

Prepared: 10/01/2013 11:37 Analyzed: 10/01/2013 13:34

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.22		0.020	ug/L	0.250		87	61-139			
1,2-Dibromoethane	0.20		0.020	ug/L	0.250		81	65-133			
1,1,1,2-Tetrachloroethane	0.24			ug/L	0.250		96	70-130			

#### Matrix Spike (3J01015-MS1)

Prepared: 10/01/2013 11:37 Analyzed: 10/01/2013 13:51

Source: A305485-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.22		0.020	ug/L	0.250	0.004 U	89	61-139			
1,2-Dibromoethane	0.20		0.020	ug/L	0.250	0.003 U	79	65-133			
1,1,1,2-Tetrachloroethane	0.24			ug/L	0.250		95	70-130			

# QUALITY CONTROL DATA

## Semivolatile Organic Compounds by GC - Quality Control

Batch 3J01015 - EPA 504/8011 - Continued

Matrix Spike Dup (3J01015-MSD1)

Prepared: 10/01/2013 11:37 Analyzed: 10/01/2013 14:08

Source: A305485-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.22		0.020	ug/L	0.250	0.004 U	89	61-139	0.3	12	
1,2-Dibromoethane	0.20		0.020	ug/L	0.250	0.003 U	79	65-133	0.4	17	
1,1,1,2-Tetrachloroethane	0.24			ug/L	0.250		95	70-130			

## Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 3I26037 - EPA 7470A

Blank (3I26037-BLK1)

Prepared: 10/02/2013 13:06 Analyzed: 10/03/2013 07:02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0230	U	0.200	ug/L							

LCS (3I26037-BS1)

Prepared: 10/02/2013 13:06 Analyzed: 10/03/2013 07:05

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.89		0.200	ug/L	5.00		98	80-120			

Matrix Spike (3I26037-MS1)

Prepared: 10/02/2013 13:06 Analyzed: 10/03/2013 07:11

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.15		0.200	ug/L	5.00	0.0230 U	103	75-125			

Matrix Spike Dup (3I26037-MSD1)

Prepared: 10/02/2013 13:06 Analyzed: 10/03/2013 07:14

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.17		0.200	ug/L	5.00	0.0230 U	103	75-125	0.3	20	

Post Spike (3I26037-PS1)

Prepared: 10/03/2013 06:00 Analyzed: 10/03/2013 07:17

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.08		0.200	ug/L	5.61	-0.0127	91	80-120			

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

Batch 3I30008 - EPA 3005A

Blank (3I30008-BLK1)

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:25

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	1.10	U	20.0	ug/L							
Arsenic	6.10	U	10.0	ug/L							
Barium	20.0	U	100	ug/L							
Beryllium	0.940	U	1.00	ug/L							
Cadmium	1.10	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							
Cobalt	2.10	U	10.0	ug/L							
Copper	2.20	U	10.0	ug/L							



# QUALITY CONTROL DATA

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

Batch 3I30008 - EPA 3005A - Continued

Blank (3I30008-BLK1) Continued

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:25

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	38.0	U	50.0	ug/L							
Lead	1.60	U	5.00	ug/L							
Nickel	3.20	U	10.0	ug/L							
Selenium	6.50	U	10.0	ug/L							
Silver	0.290	U	1.00	ug/L							
Sodium	0.320	U	1.00	mg/L							
Thallium	0.580	U	1.00	ug/L							
Vanadium	2.00	U	10.0	ug/L							
Zinc	16.0	U	50.0	ug/L							

LCS (3I30008-BS1)

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:33

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	49.4		20.0	ug/L	50.0		99	80-120			
Arsenic	519		10.0	ug/L	500		104	80-120			
Barium	523		100	ug/L	500		105	80-120			
Beryllium	51.8		1.00	ug/L	50.0		104	80-120			
Cadmium	49.9		3.00	ug/L	50.0		100	80-120			
Chromium	529		10.0	ug/L	500		106	80-120			
Cobalt	518		10.0	ug/L	500		104	80-120			
Copper	533		10.0	ug/L	500		107	80-120			
Iron	1080		50.0	ug/L	1000		108	80-120			
Lead	526		5.00	ug/L	500		105	80-120			
Nickel	514		10.0	ug/L	500		103	80-120			
Selenium	500		10.0	ug/L	500		100	80-120			
Silver	51.5		1.00	ug/L	50.0		103	80-120			
Sodium	25.5		1.00	mg/L	25.0		102	80-120			
Thallium	52.4		1.00	ug/L	50.0		105	80-120			
Vanadium	518		10.0	ug/L	500		104	80-120			
Zinc	521		50.0	ug/L	500		104	80-120			

Matrix Spike (3I30008-MS1)

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:40

Source: A305521-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	48.3		20.0	ug/L	50.0	1.10 U	97	75-125			
Arsenic	506		10.0	ug/L	500	6.10 U	101	75-125			
Barium	524		100	ug/L	500	20.0 U	105	75-125			
Beryllium	53.3		1.00	ug/L	50.0	0.940 U	107	75-125			
Cadmium	49.6		3.00	ug/L	50.0	1.10 U	99	75-125			
Chromium	526		10.0	ug/L	500	4.50 U	105	75-125			
Cobalt	513		10.0	ug/L	500	2.10 U	103	75-125			
Copper	522		10.0	ug/L	500	2.20 U	104	75-125			
Iron	1070		50.0	ug/L	1000	38.0 U	107	75-125			
Lead	518		5.00	ug/L	500	1.60 U	104	75-125			
Nickel	508		10.0	ug/L	500	3.20 U	102	75-125			
Selenium	496		10.0	ug/L	500	6.50 U	99	75-125			
Silver	50.6		1.00	ug/L	50.0	0.290 U	101	75-125			
Sodium	30.7		1.00	mg/L	25.0	4.64	104	75-125			
Thallium	51.3		1.00	ug/L	50.0	0.580 U	103	75-125			

# QUALITY CONTROL DATA

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

Batch 3I30008 - EPA 3005A - Continued

Matrix Spike (3I30008-MS1) Continued

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:40

Source: A305521-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vanadium	511		10.0	ug/L	500	2.00 U	102	75-125			
Zinc	514		50.0	ug/L	500	16.0 U	103	75-125			

Matrix Spike Dup (3I30008-MSD1)

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:44

Source: A305521-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	49.2		20.0	ug/L	50.0	1.10 U	98	75-125	2	20	
Arsenic	515		10.0	ug/L	500	6.10 U	103	75-125	2	20	
Barium	529		100	ug/L	500	20.0 U	106	75-125	0.9	20	
Beryllium	54.6		1.00	ug/L	50.0	0.940 U	109	75-125	2	20	
Cadmium	51.0		3.00	ug/L	50.0	1.10 U	102	75-125	3	20	
Chromium	541		10.0	ug/L	500	4.50 U	108	75-125	3	20	
Cobalt	519		10.0	ug/L	500	2.10 U	104	75-125	1	20	
Copper	534		10.0	ug/L	500	2.20 U	107	75-125	2	20	
Iron	1110		50.0	ug/L	1000	38.0 U	111	75-125	4	20	
Lead	521		5.00	ug/L	500	1.60 U	104	75-125	0.5	20	
Nickel	521		10.0	ug/L	500	3.20 U	104	75-125	3	20	
Selenium	505		10.0	ug/L	500	6.50 U	101	75-125	2	20	
Silver	51.8		1.00	ug/L	50.0	0.290 U	104	75-125	2	20	
Sodium	30.5		1.00	mg/L	25.0	4.64	103	75-125	0.8	20	
Thallium	52.1		1.00	ug/L	50.0	0.580 U	104	75-125	1	20	
Vanadium	510		10.0	ug/L	500	2.00 U	102	75-125	0.3	20	
Zinc	531		50.0	ug/L	500	16.0 U	106	75-125	3	20	

Post Spike (3I30008-PS1)

Prepared: 10/02/2013 09:00 Analyzed: 10/02/2013 11:48

Source: A305521-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	4.91		2.00	ug/L	4.90	0.0836	98	80-120			
Arsenic	49.0		1.00	ug/L	49.0	-0.0924	100	80-120			
Barium	50.0		10.0	ug/L	49.0	0.927	100	80-120			
Beryllium	5.16		0.100	ug/L	4.90	0.00833	105	80-120			
Cadmium	4.79		0.300	ug/L	4.90	-0.00373	98	80-120			
Chromium	50.2		1.00	ug/L	49.0	-0.0947	103	80-120			
Cobalt	49.0		1.00	ug/L	49.0	-0.170	100	80-120			
Copper	49.2		1.00	ug/L	49.0	-0.0293	100	80-120			
Iron	108		5.00	ug/L	98.0	2.23	108	80-120			
Lead	49.3		0.500	ug/L	49.0	-0.0518	101	80-120			
Nickel	49.7		1.00	ug/L	49.0	-0.0982	102	80-120			
Selenium	47.8		1.00	ug/L	49.0	-0.0667	98	80-120			
Silver	5.03		0.100	ug/L	4.90	0.00608	103	80-120			
Sodium	2990		100	ug/L	2450	455	104	80-120			
Thallium	4.83		0.100	ug/L	4.90	-0.00539	99	80-120			
Vanadium	48.3		1.00	ug/L	49.0	0.00245	99	80-120			
Zinc	48.5		5.00	ug/L	49.0	0.952	97	80-120			

## Classical Chemistry Parameters - Quality Control

Batch 3I27027 - NO PREP

# QUALITY CONTROL DATA

## Classical Chemistry Parameters - Quality Control

### Batch 3I27027 - NO PREP - Continued

#### Blank (3I27027-BLK1)

Prepared: 09/27/2013 18:00 Analyzed: 09/27/2013 23:46

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.29	U	5.0	mg/L							
Nitrate as N	0.052	U	1.0	mg/L							U

#### LCS (3I27027-BS1)

Prepared: 09/27/2013 18:00 Analyzed: 09/28/2013 00:02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	51		5.0	mg/L	50.0		103	90-110			
Nitrate as N	10		1.0	mg/L	10.0		102	90-110			

#### Matrix Spike (3I27027-MS1)

Prepared: 09/27/2013 18:00 Analyzed: 09/28/2013 00:19

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	57		5.0	mg/L	50.0	3.6	107	90-110			
Nitrate as N	11		1.0	mg/L	10.0	0.73	106	90-110			

#### Matrix Spike Dup (3I27027-MSD1)

Prepared: 09/27/2013 18:00 Analyzed: 09/28/2013 00:36

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	57		5.0	mg/L	50.0	3.6	107	90-110	0.3	10	
Nitrate as N	11		1.0	mg/L	10.0	0.73	106	90-110	0.6	10	

### Batch 3I29001 - NO PREP

#### Blank (3I29001-BLK1)

Prepared: 09/29/2013 04:28 Analyzed: 09/30/2013 22:46

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	10	U	10	mg/L							

#### LCS (3I29001-BS1)

Prepared: 09/29/2013 04:28 Analyzed: 09/30/2013 22:46

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	990		10	mg/L	1000		99	90-110			

#### Duplicate (3I29001-DUP1)

Prepared: 09/29/2013 04:28 Analyzed: 09/30/2013 22:46

Source: A305232-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	310		10	mg/L		310			0.6	10	

### Batch 3J02014 - NO PREP

#### Blank (3J02014-BLK1)

Prepared: 10/02/2013 10:12 Analyzed: 10/02/2013 12:26

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.0073	U	0.020	mg/L							U

# QUALITY CONTROL DATA

## Classical Chemistry Parameters - Quality Control

Batch 3J02014 - NO PREP - Continued

LCS (3J02014-BS1)

Prepared: 10/02/2013 10:12 Analyzed: 10/02/2013 12:28

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.0		0.020	mg/L	1.00		100	90-110			

Matrix Spike (3J02014-MS1)

Prepared: 10/02/2013 10:12 Analyzed: 10/02/2013 12:30

Source: A305521-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.96		0.020	mg/L	1.00	0.0073 U	96	90-110			

Matrix Spike Dup (3J02014-MSD1)

Prepared: 10/02/2013 10:12 Analyzed: 10/02/2013 12:31

Source: A305521-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.97		0.020	mg/L	1.00	0.0073 U	97	90-110	0.8	10	

## FLAGS/NOTES AND DEFINITIONS

<b>PQL</b>	PQL: Practical Quantitation Limit.
<b>B</b>	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
<b>I</b>	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
<b>J</b>	Estimated value.
<b>K</b>	Off-scale low; Actual value is known to be less than the value given.
<b>L</b>	Off-scale high; Actual value is known to be greater than value given.
<b>M</b>	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
<b>N</b>	Presumptive evidence of presence of material.
<b>O</b>	Sampled, but analysis lost or not performed.
<b>Q</b>	Sample exceeded the accepted holding time.
<b>T</b>	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
<b>U</b>	Indicates that the compound was analyzed for but not detected.
<b>V</b>	Indicates that the analyte was detected in both the sample and the associated method blank.
<b>Y</b>	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
<b>Z</b>	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
<b>?</b>	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
<b>*</b>	Not reported due to interference.
<b>QM-07</b>	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
<b>QM-11</b>	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.





# ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Page 1 of 2

Client Name <b>Angelo's Recycled Materials (AN010)</b>		Project Number <b>87895</b>		Requested Analyses								Requested Turnaround Times	
Address <b>4111 Enterprise Road</b>		Project Name/Desc <b>ENTERPRISE LF &amp; RECYC (FKA SID LARSON &amp; SON, INC.)</b>		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">8011</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">8260B Appendix 1 FL</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Ag, As, Ba, Be, Bi, Cd, Co, Cr, Cu, Fe, Hg, Ni, Pb, Sb, Se, Ti, V, Zn, Hg</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Ammonia 350.1</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride-300 Nitrate as N-300, TDS SM254 DC</div> </div>								Note: Rush requests subject to acceptance by the facility	
City/ST/Zip <b>Dade City, FL 33525</b>		PO # / Billing Info										X Standard	
Tel <b>(352) 339-1408</b>		Fax										Expedited	
Reporting Contact <b>John Arnold</b>		Billing Contact <b>John Arnold</b>		Due <u>    </u> / <u>    </u> / <u>    </u>									
Sampler(s) Name, Affiliation (Print) <b>Chris Monaco Ideal Tech Services Inc.</b>		Site Location / Time Zone <b>FL/EST</b>		Lab Workorder <b>A305292</b>									
Sampler(s) Signature <i>[Signature]</i>													

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary)										Sample Comments	
	MW-6B	9-26-13	1537	Grab	GW	8	I	H	N	S	E							
	MW-6	9-26-13	1549	Grab	GW	8	X	X	X	X	X							
	MW-7A	9-26-13	1639	Grab	GW	8	X	X	X	X	X							
	MW-14B	9-26-13	1729	Grab	GW	8	X	X	X	X	X							
	MW-15B	9-26-13	1807	Grab	GW	8	X	X	X	X	X							
	MW-7BR	9-26-13	1841	Grab	GW	8	X	X	X	X	X							
	Supply Well	9-26-13	1920	Grab	GW	8	X	X	X	X	X							
	trip blank 2	-	-	-	O	2		X										0.16 DI water
	MW-5B	9-27-13	1029	Grab	GW	8	X	X	X	X	X							
	MW-5A	9-27-13	1052	Grab	GW	8	X	X	X	X	X							
	MW-4	9-27-13	1128	Grab	GW	8	X	X	X	X	X							
	MW-4B	9-27-13	1156	Grab	GW	8	X	X	X	X	X							

Sample Kit Prepared By <b>JB</b>	Date/Time <b>9-19-13 10:45</b>	Relinquished By <i>[Signature]</i>	Date/Time <b>9-19-13 10:45</b>	Received By <i>[Signature]</i>	Date/Time <b>9-20-13 1800</b>
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time <b>9-27-13 1432</b>	Received By <i>[Signature]</i>	Date/Time <b>9-27 1432</b>
		Relinquished By <i>[Signature]</i>	Date/Time <b>9/27 1735</b>	Received By <i>[Signature]</i>	Date/Time <b>9/27/13 1735</b>
Cooler #'s & Temps on Receipt <b>1-903 1:00 C -202 19</b>				Condition Upon Receipt <b>Acceptable</b>	

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

Preservation: 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



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Page 2 of 2

Client Name <b>Angelo's Recycled Materials (AN010)</b>		Project Number <b>87895</b>		<div>8011</div> <div>8260B Appendix 1 FL</div> <div>Ag, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Na, Ni, Pb, Sb, Se, Ti, V, Zn, Hg</div> <div>Ammonia 350.1</div> <div>Chloride 300 Nitrate as N 300, TDS SM2540C</div>				Requested Turnaround Times  Note: Rush requests subject to acceptance by the facility  <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited  Due <u>    </u> / <u>    </u> / <u>    </u>  Lab Workorder <b>A 30550</b> <b>A305399</b>	
Address <b>4111 Enterprise Road</b>		Project Name/Desc <b>ENTERPRISE LF &amp; RECYC (FKA SID LARSON &amp; SON, INC.)</b>							
City/ST/Zip <b>Dade City, FL 33525</b>		PO # / Billing Info							
Tel <b>(352) 339-1408</b>	Fax	Reporting Contact <b>John Arnold</b>							
Sampler(s) Name, Affiliation (Print) <b>Chris Monaco Ideal Tech Services Inc.</b>		Billing Contact <b>John Arnold</b>							
Sampler(s) Signature 		Site Location / Time Zone <b>FL/EST</b>							

[illegible]

Sample Kit Prepared By <i>JB</i>	Date/Time <i>10:45</i> <i>9-19-13</i>	Relinquished By <i>Jennifer B. [Signature]</i>	Date/Time <i>10:45</i> <i>9-19-13</i>	Received By <i>[Signature]</i>	Date/Time <i>9-20-13</i> <i>1800</i>
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time <i>9/27/13</i> <i>1432</i>	Received By <i>[Signature]</i>	Date/Time <i>9/27</i> <i>1432</i>
		Relinquished By <i>[Signature]</i>	Date/Time <i>9/27</i> <i>1735</i>	Received By <i>[Signature]</i>	Date/Time <i>9/29/13</i> <i>1735</i>
	Cooler I's & Temps on Receipt <i>C-903 1°C, C-202 1°C</i>				Condition Upon Receipt <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable

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

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

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