

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



www.encolabs.com

Tuesday, January 31, 2012

Friends Recycling (FR008)

Attn: Nick Giunarelli

2350 NW 27th Avenue

Ocala, FL 34475

RE: Laboratory Results for

Project Number: 21012, Project Name/Desc: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

ENCO Workorder(s): A200154

Dear Nick Giunarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, January 20, 2012.

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,

A handwritten signature in black ink that reads "Marcia Colon". The signature is written in a cursive, flowing style.

Marcia Colon

Project Manager

Enclosure(s)



www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5		Lab ID: A200154-01		Sampled: 01/20/12 10:40		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/22/12	10:40		01/20/12	16:30	1/20/2012	22:25
EPA 300.0	02/17/12			01/20/12	16:30	1/20/2012	22:25
EPA 350.1	02/17/12			01/25/12	15:06	1/25/2012	15:36
EPA 420.1	02/17/12			01/23/12	09:56	1/24/2012	12:00
EPA 6020A	07/18/12			01/23/12	12:17	1/25/2012	22:33
EPA 6020A	07/18/12			01/23/12	12:17	1/25/2012	22:41
EPA 7470A	02/17/12			01/24/12	13:04	1/25/2012	09:07
EPA 8260B	02/03/12			01/26/12	11:28	1/26/2012	12:57
Field	01/20/12	10:54		01/20/12	10:40	1/20/2012	10:40
Field	01/21/12	10:40	01/21/12 10:40	01/20/12	10:40	1/20/2012	10:40
Field	01/22/12	10:40		01/20/12	10:40	1/20/2012	10:40
SM18 2540C	01/27/12			01/24/12	16:48	1/25/2012	21:47

Client ID: MW-1		Lab ID: A200154-02		Sampled: 01/20/12 09:54		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/22/12	09:54		01/20/12	16:30	1/20/2012	23:00
EPA 300.0	02/17/12			01/20/12	16:30	1/20/2012	23:00
EPA 350.1	02/17/12			01/25/12	15:06	1/25/2012	15:37
EPA 420.1	02/17/12			01/23/12	09:56	1/24/2012	12:00
EPA 6020A	07/18/12			01/23/12	12:17	1/25/2012	20:04
EPA 7470A	02/17/12			01/24/12	13:04	1/25/2012	09:10
EPA 8260B	02/03/12			01/26/12	11:28	1/26/2012	13:26
Field	01/20/12	10:08		01/20/12	09:54	1/20/2012	09:54
Field	01/21/12	09:54	01/21/12 09:54	01/20/12	09:54	1/20/2012	09:54
Field	01/22/12	09:54		01/20/12	09:54	1/20/2012	09:54
SM18 2540C	01/27/12			01/24/12	16:48	1/25/2012	21:47

Client ID: MW-1		Lab ID: A200154-02RE1		Sampled: 01/20/12 09:54		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	02/17/12			01/20/12	16:30	1/20/2012	23:17

Client ID: MW-6		Lab ID: A200154-03		Sampled: 01/20/12 11:02		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	02/17/12			01/20/12	16:30	1/20/2012	23:35
EPA 350.1	02/17/12			01/25/12	15:06	1/25/2012	15:38
EPA 420.1	02/17/12			01/23/12	09:56	1/24/2012	12:00
EPA 6020A	07/18/12			01/23/12	12:17	1/25/2012	22:48
EPA 7470A	02/17/12			01/24/12	13:04	1/25/2012	09:13
EPA 8260B	02/03/12			01/26/12	11:28	1/26/2012	13:56
Field	01/20/12	11:16		01/20/12	11:02	1/20/2012	11:02
Field	01/21/12	11:02	01/21/12 11:02	01/20/12	11:02	1/20/2012	11:02
Field	01/22/12	11:02		01/20/12	11:02	1/20/2012	11:02
SM18 2540C	01/27/12			01/24/12	16:48	1/25/2012	21:47



www.encolabs.com

Client ID: MW-6		Lab ID: A200154-03RE1		Sampled: 01/20/12 11:02		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	01/22/12	11:02	01/20/12	16:30	1/20/2012 23:52		

Client ID: MW-7		Lab ID: A200154-04		Sampled: 01/20/12 12:04		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	02/17/12		01/20/12	16:30	1/21/2012 01:01		
EPA 350.1	02/17/12		01/25/12	15:06	1/25/2012 15:40		
EPA 420.1	02/17/12		01/23/12	09:56	1/24/2012 12:00		
EPA 6020A	07/18/12		01/23/12	12:17	1/25/2012 22:56		
EPA 7470A	02/17/12		01/24/12	13:04	1/25/2012 09:16		
EPA 8260B	02/03/12		01/26/12	11:28	1/26/2012 14:26		
Field	01/20/12	12:18	01/20/12	12:04	1/20/2012 12:04		
Field	01/21/12	12:04	01/21/12	12:04	1/20/2012 12:04		
Field	01/22/12	12:04	01/20/12	12:04	1/20/2012 12:04		
SM18 2540C	01/27/12		01/24/12	16:48	1/25/2012 21:47		

Client ID: MW-7		Lab ID: A200154-04RE1		Sampled: 01/20/12 12:04		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	01/22/12	12:04	01/20/12	16:30	1/21/2012	01:19	

Client ID: MW-8		Lab ID: A200154-05				Sampled: 01/20/12 11:28		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)			Analysis Date/Time(s)		
EPA 300.0	01/22/12	11:28		01/20/12	16:30		1/21/2012	01:36	
EPA 300.0	02/17/12			01/20/12	16:30		1/21/2012	01:36	
EPA 350.1	02/17/12			01/25/12	15:06		1/25/2012	15:41	
EPA 420.1	02/17/12			01/23/12	09:56		1/24/2012	12:00	
EPA 6020A	07/18/12			01/23/12	12:17		1/25/2012	23:03	
EPA 6020A	07/18/12			01/23/12	12:17		1/25/2012	23:11	
EPA 7470A	02/17/12			01/24/12	13:04		1/25/2012	09:26	
EPA 8260B	02/03/12			01/26/12	11:28		1/26/2012	14:57	
Field	01/20/12	11:42		01/20/12	11:28		1/20/2012	11:28	
Field	01/21/12	11:28	01/21/12 11:28	01/20/12	11:28		1/20/2012	11:28	
Field	01/22/12	11:28		01/20/12	11:28		1/20/2012	11:28	
SM18 2540C	01/27/12			01/24/12	16:48		1/25/2012	21:47	



www.encolabs.com

Client ID: MW-9S		Lab ID: A200154-06		Sampled: 01/20/12 09:30		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	02/17/12		01/20/12	16:30	1/21/2012 02:11		
EPA 350.1	02/17/12		01/25/12	15:06	1/25/2012 15:44		
EPA 420.1	02/17/12		01/23/12	09:56	1/24/2012 12:00		
EPA 6020A	07/18/12		01/23/12	12:17	1/26/2012 00:00		
EPA 7470A	02/17/12		01/24/12	13:04	1/25/2012 09:29		
EPA 8260B	02/03/12		01/26/12	11:28	1/26/2012 15:26		
Field	01/20/12	09:44	01/20/12	09:30	1/20/2012 09:30		
Field	01/21/12	09:30	01/21/12	09:30	1/20/2012 09:30		
Field	01/22/12	09:30	01/20/12	09:30	1/20/2012 09:30		
SM18 2540C	01/27/12		01/24/12	16:48	1/25/2012 21:47		

Client ID: MW-9S		Lab ID: A200154-06RE1		Sampled: 01/20/12 09:30		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	01/22/12	09:30	01/20/12	16:30	1/21/2012 02:28		

Client ID: TRIP BLANK		Lab ID: A200154-07		Sampled: 01/20/12 00:00		Received: 01/20/12 17:03	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 8260B	02/03/12	01/26/12	11:28	1/26/2012 15:57			

SAMPLE DETECTION SUMMARY

Client ID:	MW-5	Lab ID:	A200154-01
-------------------	-------------	----------------	-------------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.74		0.0073	0.020	mg/L	EPA 350.1	
Chloride	6.1		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.21		0.00	0.00	mg/L	Field	
Iron - Total	11000		380	500	ug/L	EPA 6020A	
pH	6.44				pH Units	Field	
Sodium - Total	4.06		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	958		0	0	umhos/cm	Field	
Sulfate	9.1		0.07	5.0	mg/L	EPA 300.0	
Temperature	24.02		0.00	0.00	°C	Field	
Total Dissolved Solids	530		10	10	mg/L	SM18 2540C	
Turbidity	1.50		0.00	0.00	NTU	Field	
Water Elevation	39.74				Ft	Field	

Client ID:	MW-1	Lab ID:	A200154-02
-------------------	-------------	----------------	-------------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.8		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	19.8		6.10	10.0	ug/L	EPA 6020A	
Chloride	24		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.25		0.00	0.00	mg/L	Field	
Iron - Total	5470		38.0	50.0	ug/L	EPA 6020A	
Lead - Total	2.64	I	1.60	5.00	ug/L	EPA 6020A	
pH	6.49				pH Units	Field	
Sodium - Total	34.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1294		0	0	umhos/cm	Field	
Temperature	24.70		0.00	0.00	°C	Field	
Total Dissolved Solids	830		10	10	mg/L	SM18 2540C	
Turbidity	1.20		0.00	0.00	NTU	Field	
Water Elevation	39.88				Ft	Field	

Client ID:	MW-1	Lab ID:	A200154-02RE1
-------------------	-------------	----------------	----------------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sulfate	190		0.33	25	mg/L	EPA 300.0	

Client ID:	MW-6	Lab ID:	A200154-03
-------------------	-------------	----------------	-------------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.6	I	0.29	5.0	mg/L	EPA 300.0	
Chromium - Total	4.97	I	4.50	10.0	ug/L	EPA 6020A	
Dissolved Oxygen	1.44		0.00	0.00	mg/L	Field	
pH	6.58				pH Units	Field	
Sodium - Total	4.66		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	790		0	0	umhos/cm	Field	
Sulfate	21		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.03		0.00	0.00	°C	Field	
Total Dissolved Solids	470		10	10	mg/L	SM18 2540C	
Turbidity	1.40		0.00	0.00	NTU	Field	
Vanadium - Total	2.27	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	39.90				Ft	Field	



www.encolabs.com

Client ID:	MW-6	Lab ID:	A200154-03RE1
------------	------	---------	---------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Nitrate as N	1.4	I	0.10	2.0	mg/L	EPA 300.0	

Client ID:	MW-7	Lab ID:	A200154-04
------------	------	---------	------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	9.7		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.19		0.00	0.00	mg/L	Field	
Iron - Total	43.6	I	38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0329	I	0.0230	0.200	ug/L	EPA 7470A	
pH	6.47				pH Units	Field	
Sodium - Total	10.0		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	940		0	0	umhos/cm	Field	
Sulfate	36		0.07	5.0	mg/L	EPA 300.0	
Temperature	24.44		0.00	0.00	°C	Field	
Total Dissolved Solids	570		10	10	mg/L	SM18 2540C	
Turbidity	1.90		0.00	0.00	NTU	Field	
Vanadium - Total	14.8		2.00	10.0	ug/L	EPA 6020A	
Water Elevation	39.76				Ft	Field	

Client ID:	MW-7	Lab ID:	A200154-04RE1
------------	------	---------	---------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Nitrate as N	11		0.26	5.0	mg/L	EPA 300.0	

Client ID:	MW-8	Lab ID:	A200154-05
------------	------	---------	------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.47		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	9.78	I	6.10	10.0	ug/L	EPA 6020A	
Chloride	18		0.29	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	0.87	I	0.49	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.16		0.00	0.00	mg/L	Field	
Iron - Total	9970		380	500	ug/L	EPA 6020A	
pH	6.32				pH Units	Field	
Sodium - Total	12.7		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1129		0	0	umhos/cm	Field	
Sulfate	6.4		0.07	5.0	mg/L	EPA 300.0	
Temperature	24.91		0.00	0.00	°C	Field	
Total Dissolved Solids	650		10	10	mg/L	SM18 2540C	
Turbidity	0.90		0.00	0.00	NTU	Field	
Water Elevation	39.68				Ft	Field	

Client ID:	MW-9S	Lab ID:	A200154-06
------------	-------	---------	------------

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	24		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.49		0.00	0.00	mg/L	Field	
Mercury - Total	0.0393	I	0.0230	0.200	ug/L	EPA 7470A	
pH	6.56				pH Units	Field	
Sodium - Total	10.6		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	961		0	0	umhos/cm	Field	
Sulfate	78		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.01		0.00	0.00	°C	Field	
Total Dissolved Solids	590		10	10	mg/L	SM18 2540C	
Turbidity	2.40		0.00	0.00	NTU	Field	



www.encolabs.com

Client ID: MW-9S		Lab ID: A200154-06					
-------------------------	--	---------------------------	--	--	--	--	--

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Vanadium - Total	5.48	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	39.54				Ft	Field	

Client ID: MW-9S		Lab ID: A200154-06RE1					
-------------------------	--	------------------------------	--	--	--	--	--

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Nitrate as N	0.75	I	0.26	5.0	mg/L	EPA 300.0	



www.encolabs.com

ANALYTICAL RESULTS**Description:** MW-5**Lab Sample ID:** A200154-01**Received:** 01/20/12 17:03**Matrix:** Ground Water**Sampled:** 01/20/12 10:40**Work Order:** A200154**Project:** FRIENDS RECYCLING FORMERLY OCALA
RECYCLING**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-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	2A26015	EPA 8260B	01/26/12 12:57	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	37	1	50.0	74 %	41-142	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Dibromofluoromethane	43	1	50.0	86 %	53-146	2A26015	EPA 8260B	01/26/12 12:57	kdw	
Toluene-d8	41	1	50.0	82 %	41-146	2A26015	EPA 8260B	01/26/12 12:57	kdw	



www.encolabs.com

Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-01

Sampled: 01/20/12 10:40

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - 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>
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:07	JAY	



www.encolabs.com

Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-01

Sampled: 01/20/12 10:40

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2A23017	EPA 6020A	01/25/12 22:33	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2A23017	EPA 6020A	01/25/12 22:33	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2A23017	EPA 6020A	01/25/12 22:33	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2A23017	EPA 6020A	01/25/12 22:33	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2A23017	EPA 6020A	01/25/12 22:33	JMA	
Iron [7439-89-6] ^	11000		ug/L	10	380	500	2A23017	EPA 6020A	01/25/12 22:41	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2A23017	EPA 6020A	01/25/12 22:33	JMA	
Sodium [7440-23-5] ^	4.06		mg/L	1	0.320	1.00	2A23017	EPA 6020A	01/25/12 22:33	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2A23017	EPA 6020A	01/25/12 22:33	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2A23017	EPA 6020A	01/25/12 22:33	JMA	



www.encolabs.com

Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-01

Sampled: 01/20/12 10:40

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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] ^	0.74		mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:36	KGonz	
Chloride [16887-00-6]	6.1		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/20/12 22:25	RSA	
Nitrate as N [14797-55-8]	0.052	U	mg/L	1	0.052	1.0	2A20024	EPA 300.0	01/20/12 22:25	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	9.1		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/20/12 22:25	RSA	
Total Dissolved Solids [ECL-0156] ^	530		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	



www.encolabs.com

Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-01

Sampled: 01/20/12 10:40

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Field Parameters

<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>
Dissolved Oxygen [ECL-0053]	0.21		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 10:40	FLD	
pH [ECL-0062]	6.44		pH Units	1			2A16023	Field	01/20/12 10:40	FLD	
Specific Conductance (EC) [ECL-0146]	958		umhos/cm	1	0	0	2A16023	Field	01/20/12 10:40	FLD	
Temperature [ECL-0151]	24.02		°C	1	0.00	0.00	2A16023	Field	01/20/12 10:40	FLD	
Turbidity [ECL-0177]	1.50		NTU	1	0.00	0.00	2A16023	Field	01/20/12 10:40	FLD	
Water Elevation [ECL-0180]	39.74		Ft	1			2A16023	Field	01/20/12 10:40	FLD	



www.encolabs.com

Description: MW-1

Lab Sample ID: A200154-02

Received: 01/20/12 17:03

Matrix: Ground Water

Sampled: 01/20/12 09:54

Work Order: A200154

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

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-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	2A26015	EPA 8260B	01/26/12 13:26	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	37	1	50.0	74 %	41-142	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Dibromofluoromethane	41	1	50.0	83 %	53-146	2A26015	EPA 8260B	01/26/12 13:26	kdw	
Toluene-d8	43	1	50.0	86 %	41-146	2A26015	EPA 8260B	01/26/12 13:26	kdw	



www.encolabs.com

Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-02

Sampled: 01/20/12 09:54

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - 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>
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:10	JAY	



www.encolabs.com

Description: MW-1

Lab Sample ID: A200154-02

Received: 01/20/12 17:03

Matrix: Ground Water

Sampled: 01/20/12 09:54

Work Order: A200154

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Arsenic [7440-38-2] ^	19.8		ug/L	1	6.10	10.0	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Iron [7439-89-6] ^	5470		ug/L	1	38.0	50.0	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Lead [7439-92-1] ^	2.64	I	ug/L	1	1.60	5.00	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Sodium [7440-23-5] ^	34.9		mg/L	1	0.320	1.00	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2A23017	EPA 6020A	01/25/12 20:04	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2A23017	EPA 6020A	01/25/12 20:04	JMA	



www.encolabs.com

Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-02

Sampled: 01/20/12 09:54

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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] ^	1.8		mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:37	KGonz	
Chloride [16887-00-6]	24		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/20/12 23:00	RSA	
Nitrate as N [14797-55-8]	0.052	U	mg/L	1	0.052	1.0	2A20024	EPA 300.0	01/20/12 23:00	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	190		mg/L	5	0.33	25	2A20024	EPA 300.0	01/20/12 23:17	RSA	
Total Dissolved Solids [ECL-0156] ^	830		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	



www.encolabs.com

Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-02

Sampled: 01/20/12 09:54

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Field Parameters

<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>
Dissolved Oxygen [ECL-0053]	0.25		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 09:54	FLD	
pH [ECL-0062]	6.49		pH Units	1			2A16023	Field	01/20/12 09:54	FLD	
Specific Conductance (EC) [ECL-0146]	1294		umhos/cm	1	0	0	2A16023	Field	01/20/12 09:54	FLD	
Temperature [ECL-0151]	24.70		°C	1	0.00	0.00	2A16023	Field	01/20/12 09:54	FLD	
Turbidity [ECL-0177]	1.20		NTU	1	0.00	0.00	2A16023	Field	01/20/12 09:54	FLD	
Water Elevation [ECL-0180]	39.88		Ft	1			2A16023	Field	01/20/12 09:54	FLD	

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



www.encolabs.com

Description: MW-6

Lab Sample ID: A200154-03

Received: 01/20/12 17:03

Matrix: Ground Water

Sampled: 01/20/12 11:02

Work Order: A200154

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

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-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	2A26015	EPA 8260B	01/26/12 13:56	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	38	1	50.0	76 %	41-142	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Dibromofluoromethane	45	1	50.0	90 %	53-146	2A26015	EPA 8260B	01/26/12 13:56	kdw	
Toluene-d8	43	1	50.0	86 %	41-146	2A26015	EPA 8260B	01/26/12 13:56	kdw	



www.encolabs.com

Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-03

Sampled: 01/20/12 11:02

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - 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>
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:13	JAY	



www.encolabs.com

Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-03

Sampled: 01/20/12 11:02

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Chromium [7440-47-3] ^	4.97	I	ug/L	1	4.50	10.0	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Sodium [7440-23-5] ^	4.66		mg/L	1	0.320	1.00	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2A23017	EPA 6020A	01/25/12 22:48	JMA	
Vanadium [7440-62-2] ^	2.27	I	ug/L	1	2.00	10.0	2A23017	EPA 6020A	01/25/12 22:48	JMA	



www.encolabs.com

Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-03

Sampled: 01/20/12 11:02

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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	2A25031	EPA 350.1	01/25/12 15:38	KGonz	
Chloride [16887-00-6]	3.6	I	mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/20/12 23:35	RSA	
Nitrate as N [14797-55-8]	1.4	I	mg/L	2	0.10	2.0	2A20024	EPA 300.0	01/20/12 23:52	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	21		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/20/12 23:35	RSA	
Total Dissolved Solids [ECL-0156] ^	470		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	



www.encolabs.com

Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-03

Sampled: 01/20/12 11:02

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Field Parameters

<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>
Dissolved Oxygen [ECL-0053]	1.44		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 11:02	FLD	
pH [ECL-0062]	6.58		pH Units	1			2A16023	Field	01/20/12 11:02	FLD	
Specific Conductance (EC) [ECL-0146]	790		umhos/cm	1	0	0	2A16023	Field	01/20/12 11:02	FLD	
Temperature [ECL-0151]	23.03		°C	1	0.00	0.00	2A16023	Field	01/20/12 11:02	FLD	
Turbidity [ECL-0177]	1.40		NTU	1	0.00	0.00	2A16023	Field	01/20/12 11:02	FLD	
Water Elevation [ECL-0180]	39.90		Ft	1			2A16023	Field	01/20/12 11:02	FLD	



www.encolabs.com

Description: MW-7

Lab Sample ID: A200154-04

Received: 01/20/12 17:03

Matrix: Ground Water

Sampled: 01/20/12 12:04

Work Order: A200154

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

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-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	2A26015	EPA 8260B	01/26/12 14:26	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	39	1	50.0	79 %	41-142	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Dibromofluoromethane	48	1	50.0	96 %	53-146	2A26015	EPA 8260B	01/26/12 14:26	kdw	
Toluene-d8	45	1	50.0	91 %	41-146	2A26015	EPA 8260B	01/26/12 14:26	kdw	



www.encolabs.com

Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-04

Sampled: 01/20/12 12:04

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - 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>
Mercury [7439-97-6] ^	0.0329	I	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:16	JAY	



www.encolabs.com

Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-04

Sampled: 01/20/12 12:04

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Iron [7439-89-6] ^	43.6	I	ug/L	1	38.0	50.0	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Sodium [7440-23-5] ^	10.0		mg/L	1	0.320	1.00	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2A23017	EPA 6020A	01/25/12 22:56	JMA	
Vanadium [7440-62-2] ^	14.8		ug/L	1	2.00	10.0	2A23017	EPA 6020A	01/25/12 22:56	JMA	



www.encolabs.com

Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-04

Sampled: 01/20/12 12:04

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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	2A25031	EPA 350.1	01/25/12 15:40	KGonz	
Chloride [16887-00-6]	9.7		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/21/12 01:01	RSA	
Nitrate as N [14797-55-8]	11		mg/L	5	0.26	5.0	2A20024	EPA 300.0	01/21/12 01:19	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	36		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/21/12 01:01	RSA	
Total Dissolved Solids [ECL-0156] ^	570		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	



www.encolabs.com

Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-04

Sampled: 01/20/12 12:04

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Field Parameters

<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>
Dissolved Oxygen [ECL-0053]	0.19		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 12:04	FLD	
pH [ECL-0062]	6.47		pH Units	1			2A16023	Field	01/20/12 12:04	FLD	
Specific Conductance (EC) [ECL-0146]	940		umhos/cm	1	0	0	2A16023	Field	01/20/12 12:04	FLD	
Temperature [ECL-0151]	24.44		°C	1	0.00	0.00	2A16023	Field	01/20/12 12:04	FLD	
Turbidity [ECL-0177]	1.90		NTU	1	0.00	0.00	2A16023	Field	01/20/12 12:04	FLD	
Water Elevation [ECL-0180]	39.76		Ft	1			2A16023	Field	01/20/12 12:04	FLD	



www.encolabs.com

Description: MW-8

Lab Sample ID: A200154-05

Received: 01/20/12 17:03

Matrix: Ground Water

Sampled: 01/20/12 11:28

Work Order: A200154

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

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-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.87	I	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	2A26015	EPA 8260B	01/26/12 14:57	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	37	1	50.0	75 %	41-142	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Dibromofluoromethane	46	1	50.0	91 %	53-146	2A26015	EPA 8260B	01/26/12 14:57	kdw	
Toluene-d8	33	1	50.0	66 %	41-146	2A26015	EPA 8260B	01/26/12 14:57	kdw	



www.encolabs.com

Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-05

Sampled: 01/20/12 11:28

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - 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>
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:26	JAY	



www.encolabs.com

Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-05

Sampled: 01/20/12 11:28

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2A23017	EPA 6020A	01/25/12 23:03	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2A23017	EPA 6020A	01/25/12 23:03	JMA	
Arsenic [7440-38-2] ^	9.78	I	ug/L	1	6.10	10.0	2A23017	EPA 6020A	01/25/12 23:03	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2A23017	EPA 6020A	01/25/12 23:03	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2A23017	EPA 6020A	01/25/12 23:03	JMA	
Iron [7439-89-6] ^	9970		ug/L	10	380	500	2A23017	EPA 6020A	01/25/12 23:11	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2A23017	EPA 6020A	01/25/12 23:03	JMA	
Sodium [7440-23-5] ^	12.7		mg/L	1	0.320	1.00	2A23017	EPA 6020A	01/25/12 23:03	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2A23017	EPA 6020A	01/25/12 23:03	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2A23017	EPA 6020A	01/25/12 23:03	JMA	



www.encolabs.com

Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-05

Sampled: 01/20/12 11:28

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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] ^	0.47		mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:41	KGonz	
Chloride [16887-00-6]	18		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/21/12 01:36	RSA	
Nitrate as N [14797-55-8]	0.052	U	mg/L	1	0.052	1.0	2A20024	EPA 300.0	01/21/12 01:36	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	6.4		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/21/12 01:36	RSA	
Total Dissolved Solids [ECL-0156] ^	650		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	



www.encolabs.com

Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-05

Sampled: 01/20/12 11:28

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Field Parameters

<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>
Dissolved Oxygen [ECL-0053]	0.16		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 11:28	FLD	
pH [ECL-0062]	6.32		pH Units	1			2A16023	Field	01/20/12 11:28	FLD	
Specific Conductance (EC) [ECL-0146]	1129		umhos/cm	1	0	0	2A16023	Field	01/20/12 11:28	FLD	
Temperature [ECL-0151]	24.91		°C	1	0.00	0.00	2A16023	Field	01/20/12 11:28	FLD	
Turbidity [ECL-0177]	0.90		NTU	1	0.00	0.00	2A16023	Field	01/20/12 11:28	FLD	
Water Elevation [ECL-0180]	39.68		Ft	1			2A16023	Field	01/20/12 11:28	FLD	



www.encolabs.com

Description: MW-9S

Lab Sample ID: A200154-06

Received: 01/20/12 17:03

Matrix: Ground Water

Sampled: 01/20/12 09:30

Work Order: A200154

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

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-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	2A26015	EPA 8260B	01/26/12 15:26	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	38	1	50.0	76 %	41-142	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Dibromofluoromethane	47	1	50.0	93 %	53-146	2A26015	EPA 8260B	01/26/12 15:26	kdw	
Toluene-d8	42	1	50.0	85 %	41-146	2A26015	EPA 8260B	01/26/12 15:26	kdw	



www.encolabs.com

Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-06

Sampled: 01/20/12 09:30

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - 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>
Mercury [7439-97-6] ^	0.0393	I	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:29	JAY	



www.encolabs.com

Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-06

Sampled: 01/20/12 09:30

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Sodium [7440-23-5] ^	10.6		mg/L	1	0.320	1.00	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2A23017	EPA 6020A	01/26/12 00:00	JMA	
Vanadium [7440-62-2] ^	5.48	I	ug/L	1	2.00	10.0	2A23017	EPA 6020A	01/26/12 00:00	JMA	



www.encolabs.com

Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-06

Sampled: 01/20/12 09:30

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

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	2A25031	EPA 350.1	01/25/12 15:44	KGonz	
Chloride [16887-00-6]	24		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/21/12 02:11	RSA	
Nitrate as N [14797-55-8]	0.75	I	mg/L	5	0.26	5.0	2A20024	EPA 300.0	01/21/12 02:28	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	78		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/21/12 02:11	RSA	
Total Dissolved Solids [ECL-0156] ^	590		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	



www.encolabs.com

Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A200154-06

Sampled: 01/20/12 09:30

Sampled By: Chris Monaco

Received: 01/20/12 17:03

Work Order: A200154

Field Parameters

<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>
Dissolved Oxygen [ECL-0053]	0.49		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 09:30	FLD	
pH [ECL-0062]	6.56		pH Units	1			2A16023	Field	01/20/12 09:30	FLD	
Specific Conductance (EC) [ECL-0146]	961		umhos/cm	1	0	0	2A16023	Field	01/20/12 09:30	FLD	
Temperature [ECL-0151]	23.01		°C	1	0.00	0.00	2A16023	Field	01/20/12 09:30	FLD	
Turbidity [ECL-0177]	2.40		NTU	1	0.00	0.00	2A16023	Field	01/20/12 09:30	FLD	
Water Elevation [ECL-0180]	39.54		Ft	1			2A16023	Field	01/20/12 09:30	FLD	



www.encolabs.com

Description: TRIP BLANK

Lab Sample ID: A200154-07

Received: 01/20/12 17:03

Matrix: Ground Water

Sampled: 01/20/12 00:00

Work Order: A200154

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

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-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	2A26015	EPA 8260B	01/26/12 15:57	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	37	1	50.0	75 %	41-142	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Dibromofluoromethane	45	1	50.0	91 %	53-146	2A26015	EPA 8260B	01/26/12 15:57	kdw	
Toluene-d8	43	1	50.0	86 %	41-146	2A26015	EPA 8260B	01/26/12 15:57	kdw	

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2A26015 - EPA 5030B_MS

Blank (2A26015-BLK1)

Prepared: 01/26/2012 09:30 Analyzed: 01/26/2012 11:26

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.59	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							
1,1,2-Trichloroethane	0.63	U	1.0	ug/L							
1,1-Dichloroethane	0.57	U	1.0	ug/L							
1,1-Dichloroethene	0.94	U	1.0	ug/L							
1,2-Dichlorobenzene	0.57	U	1.0	ug/L							
1,2-Dichloroethane	0.50	U	1.0	ug/L							
1,2-Dichloropropane	0.80	U	1.0	ug/L							
1,3-Dichlorobenzene	0.53	U	1.0	ug/L							
1,4-Dichlorobenzene	0.46	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	1.9	U	5.0	ug/L							
Benzene	0.58	U	1.0	ug/L							
Bromodichloromethane	0.49	U	1.0	ug/L							
Bromoform	0.75	U	1.0	ug/L							
Bromomethane	0.95	U	1.0	ug/L							
Carbon tetrachloride	0.65	U	1.0	ug/L							
Chlorobenzene	0.51	U	1.0	ug/L							
Chloroethane	0.98	U	1.0	ug/L							
Chloroform	0.54	U	1.0	ug/L							
Chloromethane	0.82	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.49	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							
Dibromochloromethane	0.44	U	1.0	ug/L							
Dichlorodifluoromethane	0.74	U	1.0	ug/L							
Ethylbenzene	0.69	U	1.0	ug/L							
m,p-Xylenes	1.3	U	2.0	ug/L							
Methylene chloride	0.69	U	2.0	ug/L							
Methyl-tert-Butyl Ether	0.60	U	1.0	ug/L							
o-Xylene	0.53	U	1.0	ug/L							
Tetrachloroethene	0.76	U	1.0	ug/L							
Toluene	0.58	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.72	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.64	U	1.0	ug/L							
Trichloroethene	0.55	U	1.0	ug/L							
Trichlorofluoromethane	0.68	U	1.0	ug/L							
Vinyl chloride	0.71	U	1.0	ug/L							
Xylenes (Total)	1.8	U	3.0	ug/L							
<hr/>											
Surrogate: 4-Bromofluorobenzene	44			ug/L	50.0		87	41-142			
Surrogate: Dibromofluoromethane	56			ug/L	50.0		112	53-146			
Surrogate: Toluene-d8	47			ug/L	50.0		93	41-146			

LCS (2A26015-BS1)

Prepared: 01/26/2012 09:30 Analyzed: 01/26/2012 10:56

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0		135	65-144			
Benzene	18		1.0	ug/L	20.0		91	73-138			
Chlorobenzene	20		1.0	ug/L	20.0		100	77-127			
Toluene	18		1.0	ug/L	20.0		91	71-123			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2A26015 - EPA 5030B_MS

LCS (2A26015-BS1) Continued

Prepared: 01/26/2012 09:30 Analyzed: 01/26/2012 10:56

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	20		1.0	ug/L	20.0		101	83-133			
Surrogate: 4-Bromofluorobenzene	40			ug/L	50.0		80	41-142			
Surrogate: Dibromofluoromethane	45			ug/L	50.0		90	53-146			
Surrogate: Toluene-d8	48			ug/L	50.0		97	41-146			

Matrix Spike (2A26015-MS1)

Prepared: 01/26/2012 11:28 Analyzed: 01/26/2012 11:56

Source: A200154-01

Analyte	Result	Flag	PQL	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			
Benzene	21		1.0	ug/L	20.0	0.58 U	104	73-138			
Chlorobenzene	23		1.0	ug/L	20.0	0.51 U	117	77-127			
Toluene	20		1.0	ug/L	20.0	0.58 U	102	71-123			
Trichloroethene	23		1.0	ug/L	20.0	0.55 U	113	83-133			
Surrogate: 4-Bromofluorobenzene	42			ug/L	50.0		83	41-142			
Surrogate: Dibromofluoromethane	47			ug/L	50.0		95	53-146			
Surrogate: Toluene-d8	47			ug/L	50.0		94	41-146			

Matrix Spike Dup (2A26015-MSD1)

Prepared: 01/26/2012 11:28 Analyzed: 01/26/2012 12:26

Source: A200154-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	30		1.0	ug/L	20.0	0.94 U	152	65-144	13	16	QM-07
Benzene	17		1.0	ug/L	20.0	0.58 U	85	73-138	20	14	QM-11
Chlorobenzene	21		1.0	ug/L	20.0	0.51 U	104	77-127	12	13	
Toluene	18		1.0	ug/L	20.0	0.58 U	90	71-123	13	16	
Trichloroethene	20		1.0	ug/L	20.0	0.55 U	98	83-133	14	20	
Surrogate: 4-Bromofluorobenzene	36			ug/L	50.0		73	41-142			
Surrogate: Dibromofluoromethane	40			ug/L	50.0		79	53-146			
Surrogate: Toluene-d8	40			ug/L	50.0		80	41-146			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 2A19023 - EPA 7470A

Blank (2A19023-BLK1)

Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:10

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

Blank (2A19023-BLK2)

Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:13

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.230	U	2.00	ug/L							

LCS (2A19023-BS1)

Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:16



www.encolabs.com

QUALITY CONTROL**Metals by EPA 6000/7000 Series Methods - Quality Control**

Batch 2A19023 - EPA 7470A

LCS (2A19023-BS1) Continued

Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:16

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.45		0.200	ug/L	5.00		89	80-120			

Matrix Spike (2A19023-MS1)

Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:23

Source: A200189-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.25		0.200	ug/L	5.00	0.0230 U	105	75-125			

Matrix Spike Dup (2A19023-MSD1)

Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:26

Source: A200189-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.12		0.200	ug/L	5.00	0.0230 U	102	75-125	2	10	

Post Spike (2A19023-PS1)

Prepared: 01/25/2012 06:00 Analyzed: 01/25/2012 08:29

Source: A200189-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.08		0.200	ug/L	5.61	0.000444	91	75-125			

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

Batch 2A23017 - EPA 3005A

Blank (2A23017-BLK1)

Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 19:49

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	68.0	U	100	ug/L							
Antimony	1.10	U	20.0	ug/L							
Arsenic	6.10	U	10.0	ug/L							
Cadmium	1.10	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Lead	1.60	U	5.00	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							

LCS (2A23017-BS1)

Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 19:56

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1000		100	ug/L	1000		100	80-120			
Antimony	52.3		20.0	ug/L	50.0		105	80-120			
Arsenic	531		10.0	ug/L	500		106	80-120			
Cadmium	49.7		3.00	ug/L	50.0		99	80-120			
Chromium	521		10.0	ug/L	500		104	80-120			
Iron	1010		50.0	ug/L	1000		101	80-120			

QUALITY CONTROL

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

Batch 2A23017 - EPA 3005A

LCS (2A23017-BS1) Continued

Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 19:56

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	513		5.00	ug/L	500		103	80-120			
Sodium	25.2		1.00	mg/L	25.0		101	80-120			
Thallium	48.9		1.00	ug/L	50.0		98	80-120			
Vanadium	513		10.0	ug/L	500		103	80-120			

Matrix Spike (2A23017-MS1)

Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 20:13

Source: A200154-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	991		100	ug/L	1000	68.0 U	99	75-125			
Antimony	53.5		20.0	ug/L	50.0	1.10 U	107	75-125			
Arsenic	555		10.0	ug/L	500	19.8	107	75-125			
Cadmium	48.2		3.00	ug/L	50.0	1.10 U	96	75-125			
Chromium	508		10.0	ug/L	500	4.50 U	102	75-125			
Iron	6480		50.0	ug/L	1000	5470	101	75-125			
Lead	512		5.00	ug/L	500	2.64	102	75-125			
Sodium	59.8		1.00	mg/L	25.0	34.9	100	75-125			
Thallium	49.2		1.00	ug/L	50.0	0.580 U	98	75-125			
Vanadium	515		10.0	ug/L	500	2.00 U	103	75-125			

Matrix Spike Dup (2A23017-MSD1)

Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 20:21

Source: A200154-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1030		100	ug/L	1000	68.0 U	103	75-125	4	20	
Antimony	54.1		20.0	ug/L	50.0	1.10 U	108	75-125	1	20	
Arsenic	557		10.0	ug/L	500	19.8	108	75-125	0.5	20	
Cadmium	50.5		3.00	ug/L	50.0	1.10 U	101	75-125	5	20	
Chromium	520		10.0	ug/L	500	4.50 U	104	75-125	2	20	
Iron	6640		50.0	ug/L	1000	5470	117	75-125	2	20	
Lead	520		5.00	ug/L	500	2.64	104	75-125	2	20	
Sodium	61.1		1.00	mg/L	25.0	34.9	105	75-125	2	20	
Thallium	49.9		1.00	ug/L	50.0	0.580 U	100	75-125	1	20	
Vanadium	525		10.0	ug/L	500	2.00 U	105	75-125	2	20	

Post Spike (2A23017-PS1)

Prepared: 01/25/2012 12:00 Analyzed: 01/25/2012 20:29

Source: A200154-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	102		10.0	ug/L	98.0	5.41	99	80-120			
Antimony	5.20		2.00	ug/L	4.90	0.0266	105	80-120			
Arsenic	54.3		1.00	ug/L	49.0	1.94	107	80-120			
Cadmium	4.89		0.300	ug/L	4.90	-0.0175	100	80-120			
Chromium	49.7		1.00	ug/L	49.0	0.303	101	80-120			
Iron	653		5.00	ug/L	98.0	536	119	80-120			
Lead	50.6		0.500	ug/L	49.0	0.259	103	80-120			
Sodium	5830		100	ug/L	2450	3420	99	80-120			

QUALITY CONTROL

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

Batch 2A23017 - EPA 3005A

Post Spike (2A23017-PS1) Continued

Prepared: 01/25/2012 12:00 Analyzed: 01/25/2012 20:29

Source: A200154-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Thallium	4.77		0.100	ug/L	4.90	0.0212	97	80-120			
Vanadium	50.3		1.00	ug/L	49.0	-0.0127	103	80-120			

Classical Chemistry Parameters - Quality Control

Batch 2A20024 - NO PREP

Blank (2A20024-BLK1)

Prepared: 01/20/2012 16:30 Analyzed: 01/20/2012 17:40

Analyte	Result	Flag	PQL	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							
Sulfate	0.07	U	5.0	mg/L							

LCS (2A20024-BS1)

Prepared: 01/20/2012 16:30 Analyzed: 01/20/2012 17:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	51		5.0	mg/L	50.0		102	90-110			
Nitrate as N	10		1.0	mg/L	10.0		100	90-110			
Sulfate	51		5.0	mg/L	50.0		102	90-110			

Matrix Spike (2A20024-MS1)

Prepared: 01/20/2012 16:30 Analyzed: 01/20/2012 18:40

Source: A200287-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	88		5.0	mg/L	50.0	36	105	90-110			
Nitrate as N	10		1.0	mg/L	10.0	0.052 U	102	90-110			

Matrix Spike (2A20024-MS2)

Prepared: 01/20/2012 16:30 Analyzed: 01/21/2012 03:03

Source: A200287-01RE1

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	120		10	mg/L	50.0	64	104	90-110			

Matrix Spike Dup (2A20024-MSD1)

Prepared: 01/20/2012 16:30 Analyzed: 01/20/2012 18:58

Source: A200287-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	86		5.0	mg/L	50.0	36	101	90-110	2	10	
Nitrate as N	9.8		1.0	mg/L	10.0	0.052 U	98	90-110	4	10	

Matrix Spike Dup (2A20024-MSD2)

Prepared: 01/20/2012 16:30 Analyzed: 01/21/2012 03:20

Source: A200287-01RE1

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	110		10	mg/L	50.0	64	100	90-110	2	10	

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2A20024 - NO PREP

Batch 2A23014 - NO PREP

Blank (2A23014-BLK1)

Prepared: 01/23/2012 09:56 Analyzed: 01/24/2012 12:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	15	U	50	ug/L							

LCS (2A23014-BS1)

Prepared: 01/23/2012 09:56 Analyzed: 01/24/2012 12:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	480		50	ug/L	500		96	78-110			

Matrix Spike (2A23014-MS1)

Prepared: 01/23/2012 09:56 Analyzed: 01/24/2012 12:00

Source: A106453-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	460		50	ug/L	500	15 U	93	78-110			

Matrix Spike Dup (2A23014-MSD1)

Prepared: 01/23/2012 09:56 Analyzed: 01/24/2012 12:00

Source: A106453-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	470		50	ug/L	500	15 U	94	78-110	1	10	

Batch 2A24036 - NO PREP

Blank (2A24036-BLK1)

Prepared: 01/24/2012 16:48 Analyzed: 01/25/2012 21:47

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

LCS (2A24036-BS1)

Prepared: 01/24/2012 16:48 Analyzed: 01/25/2012 21:47

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	990		10	mg/L	1000		99	88-111			

Duplicate (2A24036-DUP1)

Prepared: 01/24/2012 16:48 Analyzed: 01/25/2012 21:47

Source: A200025-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	470		10	mg/L		460			3	10	

Batch 2A25031 - NO PREP

Blank (2A25031-BLK1)

Prepared: 01/25/2012 15:06 Analyzed: 01/25/2012 15:34

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

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2A25031 - NO PREP

LCS (2A25031-BS1)

Prepared: 01/25/2012 15:06 Analyzed: 01/25/2012 15:35

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.94		0.020	mg/L	1.00		94	90-110			

Matrix Spike (2A25031-MS1)

Prepared: 01/25/2012 15:06 Analyzed: 01/25/2012 15:49

Source: A200374-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.0		0.020	mg/L	1.00	0.0073 U	100	90-110			

Matrix Spike Dup (2A25031-MSD1)

Prepared: 01/25/2012 15:06 Analyzed: 01/25/2012 15:50

Source: A200374-01

Analyte	Result	Flag	PQL	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	3	10	

FLAGS/NOTES AND DEFINITIONS

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



www.encolabs.com



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Post Dr.
Ocala, FL 32824
(407) 826-5314 Fax (407) 826-4945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-0069
(904) 296-3007 Fax (904) 296-6210

102-A Woodlands Industrial Ct.
Cary, NC 27511
(919) 467-3000 Fax (919) 467-4515

www.encolabs.com

Page 1 of 1

Client Name
Friends Recycling (FR008)

Project Number
21012

Address
2350 NW 27th Avenue

Project Name/Desc
FRIENDS RECYCLING FORMERLY OCALA RECYCLING

City/State
Ocala, FL 34475

PO # / Billing Info

Tel
(352) 622-5800

Fax
(352) 622-4999

Reporting Contact
Nick Giunarelli

Sample Name, Address, Port
Chris Monaco, ENCO

Billing Contact
Nick Giunarelli

Sample Signature

Site Location / Time Zone
FL/EST

8260B Arom/Halo
Al,As,Cd,Cr,Fe,Na,Pb,Sb,Ti,V, Hg
Ammonia 350.1
Chloride 300, Nitrate as N 300, Sulfate 300
Phenols 420.1
TDS SM2540C

Requested Turnaround Times
Note: Rush requests subject to acceptance by the facility
Standard
Expedited
Due / /
Lab Workorder
A200154

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-5	1-20-12	1040	Grab	GW	6	X X X X X X	
	MW-1	1-20-12	0954	Grab	GW	6	X X X X X X	
	MW-6	1-20-12	1102	Grab	GW	6	X X X X X X	
	MW-7	1-20-12	1204	Grab	GW	6	X X X X X X	
	MW-8	1-20-12	1128	Grab	GW	6	X X X X X X	
	MW-9S	1-20-12	0930	Grab	GW	6	X X X X X X	
	TRIP BLANK	-	-	Grab	GW	2	X	Lab DE water

Sample Kit Prepared By Shay Bays	Date/Time 1-11-12 15:10	Relinquished By Shay Bays	Date/Time 1-11-12 15:10	Received By 	Date/Time 1-12-12 1400
Comments/Special Reporting Requirements		Relinquished By 	Date/Time 1-20-12 1503	Received By 	Date/Time 1-20-12 1703
Condition Upon Receipt		Coder # & Temp on Receipt 1C-59 10			
Acceptable					Unacceptable

Matrix: GW Groundwater SO-Soil DW Drinking Water SE Sediment SW Surface Water WW Wastewater A-Air Q-Qual (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.