

Environmental Conservation Laboratories, Inc.

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Wednesday, July 29, 2009

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: A903224

Dear Nick Giunarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, July 17, 2009.

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

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

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO 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)



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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1		Lab ID: A903224-01				Sampled: 07/17/09 13:00		Received: 07/17/09 17:40	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)			Analysis Date/Time(s)		
EPA 300.0	07/19/09	13:00		07/18/09	09:52		7/18/2009	14:50	
EPA 300.0	08/14/09			07/18/09	09:52		7/18/2009	14:50	
EPA 300.0	08/14/09			07/21/09	12:00		7/21/2009	23:37	
EPA 350.1	08/14/09			07/21/09	09:27		7/21/2009	10:50	
EPA 420.1	08/14/09			07/21/09	10:13		7/22/2009	12:15	
EPA 6020A	01/13/10			07/20/09	11:44		7/21/2009	14:43	
EPA 7470A	08/14/09			07/21/09	13:21		7/22/2009	07:23	
EPA 8260B	07/31/09			07/23/09	11:19		7/23/2009	19:55	
Field	07/17/09	13:14		07/17/09	13:00		7/17/2009	13:00	
Field	07/18/09	13:00	07/18/09 13:00	07/17/09	13:00		7/17/2009	13:00	
Field	07/19/09	13:00		07/17/09	13:00		7/17/2009	13:00	
SM18 2540C	07/24/09			07/20/09	17:00		7/21/2009	23:30	

Client ID:	MW-5	Lab ID: A903224-02				Sampled: 07/17/09 10:13		Received: 07/17/09 17:40	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)			Analysis Date/Time(s)		
EPA 300.0	07/19/09	10:13		07/18/09	09:52		7/18/2009	15:07	
EPA 300.0	08/14/09			07/18/09	09:52		7/18/2009	15:07	
EPA 300.0	08/14/09			07/21/09	12:00		7/21/2009	23:54	
EPA 350.1	08/14/09			07/21/09	09:27		7/21/2009	10:52	
EPA 420.1	08/14/09			07/21/09	10:13		7/22/2009	12:15	
EPA 6020A	01/13/10			07/20/09	11:44		7/21/2009	17:09	
EPA 7470A	08/14/09			07/21/09	13:21		7/22/2009	08:17	
EPA 8260B	07/31/09			07/23/09	11:19		7/23/2009	20:25	
Field	07/17/09	10:27		07/17/09	10:13		7/17/2009	10:13	
Field	07/18/09	10:13	07/18/09 10:13	07/17/09	10:13		7/17/2009	10:13	
Field	07/19/09	10:13		07/17/09	10:13		7/17/2009	10:13	
SM18 2540C	07/24/09			07/20/09	17:00		7/21/2009	23:30	

Client ID:	MW-6	Lab ID: A903224-03				Sampled: 07/17/09 10:43		Received: 07/17/09 17:40	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0	07/19/09	10:43		07/18/09	09:52	7/18/2009	14:00		
EPA 300.0	08/14/09			07/18/09	09:52	7/18/2009	14:00		
EPA 300.0	08/14/09			07/21/09	12:00	7/22/2009	00:11		
EPA 350.1	08/14/09			07/21/09	09:27	7/21/2009	10:46		
EPA 420.1	08/14/09			07/21/09	10:13	7/22/2009	12:15		
EPA 6020A	01/13/10			07/20/09	11:44	7/21/2009	17:19		
EPA 7470A	08/14/09			07/21/09	13:21	7/22/2009	08:20		
EPA 8260B	07/31/09			07/23/09	11:19	7/23/2009	20:56		
Field	07/17/09	10:57		07/17/09	10:43	7/17/2009	10:43		
Field	07/18/09	10:43	07/18/09 10:43	07/17/09	10:43	7/17/2009	10:43		
Field	07/19/09	10:43		07/17/09	10:43	7/17/2009	10:43		
SM18 2540C	07/24/09			07/20/09	17:00	7/21/2009	23:30		



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Client ID:	MW-7	Lab ID: A903224-04				Sampled: 07/17/09 09:48		Received: 07/17/09 17:40	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0	07/19/09	09:48		07/18/09	09:52	7/18/2009	15:23		
EPA 300.0	08/14/09			07/18/09	09:52	7/18/2009	15:23		
EPA 300.0	08/14/09			07/21/09	12:00	7/22/2009	00:27		
EPA 350.1	08/14/09			07/21/09	09:27	7/21/2009	10:47		
EPA 420.1	08/14/09			07/21/09	10:13	7/22/2009	12:15		
EPA 6020A	01/13/10			07/20/09	11:44	7/21/2009	17:26		
EPA 7470A	08/14/09			07/21/09	13:21	7/22/2009	08:29		
EPA 8260B	07/31/09			07/23/09	11:19	7/23/2009	21:26		
Field	07/17/09	10:02		07/17/09	09:48	7/17/2009	09:48		
Field	07/18/09	09:48	07/18/09 09:48	07/17/09	09:48	7/17/2009	09:48		
Field	07/19/09	09:48		07/17/09	09:48	7/17/2009	09:48		
SM18 2540C	07/24/09			07/20/09	17:00	7/21/2009	23:30		

Client ID: MW-8		Lab ID: A903224-05				Sampled: 07/17/09 11:47		Received: 07/17/09 17:40	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)			Analysis Date/Time(s)		
EPA 300.0	07/19/09	11:47		07/18/09	09:52		7/18/2009	17:20	
EPA 300.0	08/14/09			07/18/09	09:52		7/18/2009	17:20	
EPA 300.0	08/14/09			07/21/09	12:00		7/22/2009	00:44	
EPA 350.1	08/14/09			07/21/09	09:27		7/21/2009	10:53	
EPA 420.1	08/14/09			07/21/09	10:13		7/22/2009	12:15	
EPA 6020A	01/13/10			07/20/09	11:44		7/21/2009	17:33	
EPA 7470A	08/14/09			07/21/09	13:21		7/22/2009	08:33	
EPA 8260B	07/31/09			07/23/09	11:19		7/23/2009	21:57	
Field	07/17/09	12:01		07/17/09	11:47		7/17/2009	11:47	
Field	07/18/09	11:47	07/18/09 11:47	07/17/09	11:47		7/17/2009	11:47	
Field	07/19/09	11:47		07/17/09	11:47		7/17/2009	11:47	
SM18 2540C	07/24/09			07/20/09	17:00		7/21/2009	23:30	

Client ID: MW-9S		Lab ID: A903224-06				Sampled: 07/17/09 12:35		Received: 07/17/09 17:40	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)			Analysis Date/Time(s)		
EPA 300.0	07/19/09	12:35		07/18/09	09:52		7/18/2009	17:37	
EPA 300.0	08/14/09			07/18/09	09:52		7/18/2009	17:37	
EPA 300.0	08/14/09			07/21/09	12:00		7/22/2009	01:01	
EPA 350.1	08/14/09			07/21/09	09:27		7/21/2009	10:54	
EPA 420.1	08/14/09			07/21/09	10:13		7/22/2009	12:15	
EPA 6020A	01/13/10			07/20/09	11:44		7/21/2009	18:51	
EPA 7470A	08/14/09			07/21/09	13:21		7/22/2009	08:36	
EPA 8260B	07/31/09			07/23/09	11:19		7/23/2009	22:27	
Field	07/17/09	12:49		07/17/09	12:35		7/17/2009	12:35	
Field	07/18/09	12:35	07/18/09 12:35	07/17/09	12:35		7/17/2009	12:35	
Field	07/19/09	12:35		07/17/09	12:35		7/17/2009	12:35	
SM18 2540C	07/24/09			07/20/09	17:00		7/21/2009	23:30	

Client ID: TRIP BLANK		Lab ID: A903224-07		Sampled: 07/16/09 00:00		Received: 07/17/09 17:40	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	07/30/09		07/23/09 11:19		7/23/2009 22:58		

SAMPLE DETECTION SUMMARY

Client ID:	MW-1	Lab ID:	A903224-01
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	3.1		0.020	0.040	mg/L	EPA 350.1	
Arsenic - Total	6.72	I	4.00	10.0	ug/L	EPA 6020A	
Chloride	31		0.48	10	mg/L	EPA 300.0	
Dissolved Oxygen	0.29		0.00	0.00	mg/L	Field	
Iron - Total	5650		38.0	50.0	ug/L	EPA 6020A	
Nitrate as N	0.93	I	0.20	2.0	mg/L	EPA 300.0	
pH	6.45				pH Units	Field	
Sodium - Total	65.4		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	2119		0	0	umhos/cm	Field	
Sulfate	660		1.1	50	mg/L	EPA 300.0	
Temperature	26.29		0.00	0.00	°C	Field	
Thallium - Total	0.334	I	0.260	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	1600		10	10	mg/L	SM18 2540C	
Turbidity	3.00		0.00	0.00	NTU	Field	
Water Elevation	41.39				Ft	Field	

Client ID:	MW-5	Lab ID:	A903224-02
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.1		0.010	0.020	mg/L	EPA 350.1	
Arsenic - Total	6.63	I	4.00	10.0	ug/L	EPA 6020A	
Chloride	7.2		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.31		0.00	0.00	mg/L	Field	
Iron - Total	9030		38.0	50.0	ug/L	EPA 6020A	
pH	6.57				pH Units	Field	
Sodium - Total	6.91		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1015		0	0	umhos/cm	Field	
Sulfate	24		0.11	5.0	mg/L	EPA 300.0	
Temperature	23.89		0.00	0.00	°C	Field	
Total Dissolved Solids	580		10	10	mg/L	SM18 2540C	
Turbidity	2.80		0.00	0.00	NTU	Field	
Water Elevation	41.41				Ft	Field	

Client ID:	MW-6	Lab ID:	A903224-03
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.9	I	0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.68		0.00	0.00	mg/L	Field	
Mercury - Total	0.259		0.0240	0.200	ug/L	EPA 7470A	
Nitrate as N	2.8		0.10	1.0	mg/L	EPA 300.0	
pH	6.68				pH Units	Field	
Sodium - Total	8.11		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	836		0	0	umhos/cm	Field	
Sulfate	66		0.11	5.0	mg/L	EPA 300.0	
Temperature	24.29		0.00	0.00	°C	Field	
Total Dissolved Solids	500		10	10	mg/L	SM18 2540C	
Turbidity	4.40		0.00	0.00	NTU	Field	
Vanadium - Total	2.14	I	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	41.36				Ft	Field	



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Client ID: MW-7	Lab ID: A903224-04
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	258		68.0	100	ug/L	EPA 6020A	
Chloride	9.5		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.36		0.00	0.00	mg/L	Field	
Iron - Total	256		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0621	I	0.0240	0.200	ug/L	EPA 7470A	
Nitrate as N	13		0.10	1.0	mg/L	EPA 300.0	
pH	6.53				pH Units	Field	
Sodium - Total	12.3		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1023		0	0	umhos/cm	Field	
Sulfate	33		0.11	5.0	mg/L	EPA 300.0	
Temperature	25.12		0.00	0.00	°C	Field	
Thallium - Total	0.292	I	0.260	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	610		10	10	mg/L	SM18 2540C	
Turbidity	5.70		0.00	0.00	NTU	Field	
Vanadium - Total	15.5		0.960	10.0	ug/L	EPA 6020A	
Water Elevation	40.08				Ft	Field	

Client ID: MW-8	Lab ID: A903224-05
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.029		0.010	0.020	mg/L	EPA 350.1	
Chloride	9.3		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.41		0.00	0.00	mg/L	Field	
Iron - Total	1110		38.0	50.0	ug/L	EPA 6020A	
pH	6.39				pH Units	Field	
Sodium - Total	5.44		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1070		0	0	umhos/cm	Field	
Sulfate	7.6		0.11	5.0	mg/L	EPA 300.0	
Temperature	25.05		0.00	0.00	°C	Field	
Total Dissolved Solids	620		10	10	mg/L	SM18 2540C	
Turbidity	6.30		0.00	0.00	NTU	Field	
Water Elevation	41.32				Ft	Field	

Client ID: MW-9S	Lab ID: A903224-06
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	267		68.0	100	ug/L	EPA 6020A	
Chloride	21		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.53		0.00	0.00	mg/L	Field	
Iron - Total	78.0		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.230		0.0240	0.200	ug/L	EPA 7470A	
Nitrate as N	0.59	I	0.10	1.0	mg/L	EPA 300.0	
pH	6.67				pH Units	Field	
Sodium - Total	15.3		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	908		0	0	umhos/cm	Field	
Sulfate	43		0.11	5.0	mg/L	EPA 300.0	
Temperature	24.78		0.00	0.00	°C	Field	
Total Dissolved Solids	550		10	10	mg/L	SM18 2540C	
Turbidity	11.00		0.00	0.00	NTU	Field	
Vanadium - Total	5.73	I	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	41.15				Ft	Field	



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Client ID: TRIP BLANK		Lab ID: A903224-07					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
cis-1,3-Dichloropropene	0.32	I	0.30	1.0	ug/L	EPA 8260B	



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ANALYTICAL RESULTS**Description:** MW-1**Lab Sample ID:** A903224-01**Received:** 07/17/09 17:40**Matrix:** Ground Water**Sampled:** 07/17/09 13:00**Work Order:** A903224**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] ^	0.40	U	ug/L	1	0.40	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 19:55	kdm	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	51	1	50.0	103 %	41-142	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Dibromofluoromethane	60	1	50.0	120 %	53-146	9G23012	EPA 8260B	07/23/09 19:55	kdm	
Toluene-d8	61	1	50.0	121 %	41-146	9G23012	EPA 8260B	07/23/09 19:55	kdm	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-01

Sampled: 07/17/09 13:00

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte</u> [<u>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] ^	0.0240	U	ug/L	1	0.0240	0.200	9G17041	EPA 7470A	07/22/09 07:23	JMA	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-01

Sampled: 07/17/09 13:00

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	5.00	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Arsenic [7440-38-2] ^	6.72	I	ug/L	1	4.00	10.0	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Iron [7439-89-6] ^	5650		ug/L	1	38.0	50.0	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Sodium [7440-23-5] ^	65.4		mg/L	1	0.320	1.00	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Thallium [7440-28-0] ^	0.334	I	ug/L	1	0.260	1.00	9G18005	EPA 6020A	07/21/09 14:43	JAY	
Vanadium [7440-62-2] ^	0.960	U	ug/L	1	0.960	10.0	9G18005	EPA 6020A	07/21/09 14:43	JAY	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-01

Sampled: 07/17/09 13:00

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	3.1		mg/L	2	0.020	0.040	9G21008	EPA 350.1	07/21/09 10:50	KG	
Chloride [16887-00-6] ^	31		mg/L	2	0.48	10	9G18002	EPA 300.0	07/18/09 14:50	RSA	
Nitrate as N [14797-55-8] ^	0.93	I	mg/L	2	0.20	2.0	9G18002	EPA 300.0	07/18/09 14:50	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	9G20013	EPA 420.1	07/22/09 12:15	CAS	
Sulfate [14808-79-8] ^	660		mg/L	10	1.1	50	9G20033	EPA 300.0	07/21/09 23:37	RSA	
Total Dissolved Solids [ECL-0156] ^	1600		mg/L	1	10	10	9G20030	SM18 2540C	07/21/09 23:30	AH	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-01

Sampled: 07/17/09 13:00

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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]	0.29		mg/L	1	0.00	0.00	9F22024	Field	07/17/09 13:00	MCC	
pH [ECL-0062]	6.45		pH Units	1			9F22024	Field	07/17/09 13:00	MCC	
Specific Conductance (EC) [ECL-0146]	2119		umhos/cm	1	0	0	9F22024	Field	07/17/09 13:00	MCC	
Temperature [ECL-0151]	26.29		°C	1	0.00	0.00	9F22024	Field	07/17/09 13:00	MCC	
Turbidity [ECL-0177]	3.00		NTU	1	0.00	0.00	9F22024	Field	07/17/09 13:00	MCC	
Water Elevation [ECL-0180]	41.39		Ft	1			9F22024	Field	07/17/09 13:00	MCC	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-02

Sampled: 07/17/09 10:13

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.40	U	ug/L	1	0.40	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 20:25	kdm	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	44	1	50.0	88 %	41-142	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Dibromofluoromethane	52	1	50.0	104 %	53-146	9G23012	EPA 8260B	07/23/09 20:25	kdm	
Toluene-d8	53	1	50.0	107 %	41-146	9G23012	EPA 8260B	07/23/09 20:25	kdm	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-02

Sampled: 07/17/09 10:13

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.0240	U	ug/L	1	0.0240	0.200	9G17041	EPA 7470A	07/22/09 08:17	JMA	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-02

Sampled: 07/17/09 10:13

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	5.00	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Arsenic [7440-38-2] ^	6.63	I	ug/L	1	4.00	10.0	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Iron [7439-89-6] ^	9030		ug/L	1	38.0	50.0	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Sodium [7440-23-5] ^	6.91		mg/L	1	0.320	1.00	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	9G18005	EPA 6020A	07/21/09 17:09	JAY	
Vanadium [7440-62-2] ^	0.960	U	ug/L	1	0.960	10.0	9G18005	EPA 6020A	07/21/09 17:09	JAY	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-02

Sampled: 07/17/09 10:13

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	1.1		mg/L	1	0.010	0.020	9G21008	EPA 350.1	07/21/09 10:52	KG	
Chloride [16887-00-6] ^	7.2		mg/L	1	0.24	5.0	9G18002	EPA 300.0	07/18/09 15:07	RSA	
Nitrate as N [14797-55-8] ^	0.10	U	mg/L	1	0.10	1.0	9G18002	EPA 300.0	07/18/09 15:07	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	9G20013	EPA 420.1	07/22/09 12:15	CAS	
Sulfate [14808-79-8] ^	24		mg/L	1	0.11	5.0	9G20033	EPA 300.0	07/21/09 23:54	RSA	
Total Dissolved Solids [ECL-0156] ^	580		mg/L	1	10	10	9G20030	SM18 2540C	07/21/09 23:30	AH	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-02

Sampled: 07/17/09 10:13

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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]	0.31		mg/L	1	0.00	0.00	9F22024	Field	07/17/09 10:13	MCC	
pH [ECL-0062]	6.57		pH Units	1			9F22024	Field	07/17/09 10:13	MCC	
Specific Conductance (EC) [ECL-0146]	1015		umhos/cm	1	0	0	9F22024	Field	07/17/09 10:13	MCC	
Temperature [ECL-0151]	23.89		°C	1	0.00	0.00	9F22024	Field	07/17/09 10:13	MCC	
Turbidity [ECL-0177]	2.80		NTU	1	0.00	0.00	9F22024	Field	07/17/09 10:13	MCC	
Water Elevation [ECL-0180]	41.41		Ft	1			9F22024	Field	07/17/09 10:13	MCC	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-03

Sampled: 07/17/09 10:43

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.40	U	ug/L	1	0.40	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 20:56	kdm	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	47	1	50.0	94 %	41-142	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Dibromofluoromethane	54	1	50.0	109 %	53-146	9G23012	EPA 8260B	07/23/09 20:56	kdm	
Toluene-d8	57	1	50.0	113 %	41-146	9G23012	EPA 8260B	07/23/09 20:56	kdm	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-03

Sampled: 07/17/09 10:43

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.259		ug/L	1	0.0240	0.200	9G17041	EPA 7470A	07/22/09 08:20	JMA	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-03

Sampled: 07/17/09 10:43

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	5.00	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Sodium [7440-23-5] ^	8.11		mg/L	1	0.320	1.00	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	9G18005	EPA 6020A	07/21/09 17:19	JAY	
Vanadium [7440-62-2] ^	2.14	I	ug/L	1	0.960	10.0	9G18005	EPA 6020A	07/21/09 17:19	JAY	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-03

Sampled: 07/17/09 10:43

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.010	U	mg/L	1	0.010	0.020	9G21008	EPA 350.1	07/21/09 10:46	KG	
Chloride [16887-00-6] ^	3.9	I	mg/L	1	0.24	5.0	9G18002	EPA 300.0	07/18/09 14:00	RSA	
Nitrate as N [14797-55-8] ^	2.8		mg/L	1	0.10	1.0	9G18002	EPA 300.0	07/18/09 14:00	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	9G20013	EPA 420.1	07/22/09 12:15	CAS	
Sulfate [14808-79-8] ^	66		mg/L	1	0.11	5.0	9G20033	EPA 300.0	07/22/09 00:11	RSA	
Total Dissolved Solids [ECL-0156] ^	500		mg/L	1	10	10	9G20030	SM18 2540C	07/21/09 23:30	AH	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-03

Sampled: 07/17/09 10:43

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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]	0.68		mg/L	1	0.00	0.00	9F22024	Field	07/17/09 10:43	MCC	
pH [ECL-0062]	6.68		pH Units	1			9F22024	Field	07/17/09 10:43	MCC	
Specific Conductance (EC) [ECL-0146]	836		umhos/cm	1	0	0	9F22024	Field	07/17/09 10:43	MCC	
Temperature [ECL-0151]	24.29		°C	1	0.00	0.00	9F22024	Field	07/17/09 10:43	MCC	
Turbidity [ECL-0177]	4.40		NTU	1	0.00	0.00	9F22024	Field	07/17/09 10:43	MCC	
Water Elevation [ECL-0180]	41.36		Ft	1			9F22024	Field	07/17/09 10:43	MCC	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-04

Sampled: 07/17/09 09:48

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.40	U	ug/L	1	0.40	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 21:26	kdm	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	50	1	50.0	99 %	41-142	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Dibromofluoromethane	48	1	50.0	96 %	53-146	9G23012	EPA 8260B	07/23/09 21:26	kdm	
Toluene-d8	52	1	50.0	104 %	41-146	9G23012	EPA 8260B	07/23/09 21:26	kdm	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-04

Sampled: 07/17/09 09:48

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.0621	I	ug/L	1	0.0240	0.200	9G17041	EPA 7470A	07/22/09 08:29	JMA	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-04

Sampled: 07/17/09 09:48

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	258		ug/L	1	68.0	100	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	5.00	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Iron [7439-89-6] ^	256		ug/L	1	38.0	50.0	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Sodium [7440-23-5] ^	12.3		mg/L	1	0.320	1.00	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Thallium [7440-28-0] ^	0.292	I	ug/L	1	0.260	1.00	9G18005	EPA 6020A	07/21/09 17:26	JAY	
Vanadium [7440-62-2] ^	15.5		ug/L	1	0.960	10.0	9G18005	EPA 6020A	07/21/09 17:26	JAY	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-04

Sampled: 07/17/09 09:48

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.010	U	mg/L	1	0.010	0.020	9G21008	EPA 350.1	07/21/09 10:47	KG	
Chloride [16887-00-6] ^	9.5		mg/L	1	0.24	5.0	9G18002	EPA 300.0	07/18/09 15:23	RSA	
Nitrate as N [14797-55-8] ^	13		mg/L	1	0.10	1.0	9G18002	EPA 300.0	07/18/09 15:23	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	9G20013	EPA 420.1	07/22/09 12:15	CAS	
Sulfate [14808-79-8] ^	33		mg/L	1	0.11	5.0	9G20033	EPA 300.0	07/22/09 00:27	RSA	
Total Dissolved Solids [ECL-0156] ^	610		mg/L	1	10	10	9G20030	SM18 2540C	07/21/09 23:30	AH	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-04

Sampled: 07/17/09 09:48

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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]	0.36		mg/L	1	0.00	0.00	9F22024	Field	07/17/09 09:48	MCC	
pH [ECL-0062]	6.53		pH Units	1			9F22024	Field	07/17/09 09:48	MCC	
Specific Conductance (EC) [ECL-0146]	1023		umhos/cm	1	0	0	9F22024	Field	07/17/09 09:48	MCC	
Temperature [ECL-0151]	25.12		°C	1	0.00	0.00	9F22024	Field	07/17/09 09:48	MCC	
Turbidity [ECL-0177]	5.70		NTU	1	0.00	0.00	9F22024	Field	07/17/09 09:48	MCC	
Water Elevation [ECL-0180]	40.08		Ft	1			9F22024	Field	07/17/09 09:48	MCC	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-05

Sampled: 07/17/09 11:47

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.40	U	ug/L	1	0.40	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 21:57	kdm	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	56	1	50.0	111 %	41-142	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Dibromofluoromethane	59	1	50.0	119 %	53-146	9G23012	EPA 8260B	07/23/09 21:57	kdm	
Toluene-d8	55	1	50.0	111 %	41-146	9G23012	EPA 8260B	07/23/09 21:57	kdm	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-05

Sampled: 07/17/09 11:47

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.0240	U	ug/L	1	0.0240	0.200	9G17041	EPA 7470A	07/22/09 08:33	JMA	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-05

Sampled: 07/17/09 11:47

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	5.00	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Iron [7439-89-6] ^	1110		ug/L	1	38.0	50.0	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Sodium [7440-23-5] ^	5.44		mg/L	1	0.320	1.00	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	9G18005	EPA 6020A	07/21/09 17:33	JAY	
Vanadium [7440-62-2] ^	0.960	U	ug/L	1	0.960	10.0	9G18005	EPA 6020A	07/21/09 17:33	JAY	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-05

Sampled: 07/17/09 11:47

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

Classical Chemistry Parameters

^ - 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>
Ammonia as N [7664-41-7] ^	0.029		mg/L	1	0.010	0.020	9G21008	EPA 350.1	07/21/09 10:53	KG	
Chloride [16887-00-6] ^	9.3		mg/L	1	0.24	5.0	9G18002	EPA 300.0	07/18/09 17:20	RSA	
Nitrate as N [14797-55-8] ^	0.10	U	mg/L	1	0.10	1.0	9G18002	EPA 300.0	07/18/09 17:20	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	9G20013	EPA 420.1	07/22/09 12:15	CAS	
Sulfate [14808-79-8] ^	7.6		mg/L	1	0.11	5.0	9G20033	EPA 300.0	07/22/09 00:44	RSA	
Total Dissolved Solids [ECL-0156] ^	620		mg/L	1	10	10	9G20030	SM18 2540C	07/21/09 23:30	AH	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-05

Sampled: 07/17/09 11:47

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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]	0.41		mg/L	1	0.00	0.00	9F22024	Field	07/17/09 11:47	MCC	
pH [ECL-0062]	6.39		pH Units	1			9F22024	Field	07/17/09 11:47	MCC	
Specific Conductance (EC) [ECL-0146]	1070		umhos/cm	1	0	0	9F22024	Field	07/17/09 11:47	MCC	
Temperature [ECL-0151]	25.05		°C	1	0.00	0.00	9F22024	Field	07/17/09 11:47	MCC	
Turbidity [ECL-0177]	6.30		NTU	1	0.00	0.00	9F22024	Field	07/17/09 11:47	MCC	
Water Elevation [ECL-0180]	41.32		Ft	1			9F22024	Field	07/17/09 11:47	MCC	

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



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-06

Sampled: 07/17/09 12:35

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.40	U	ug/L	1	0.40	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 22:27	kdm	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	43	1	50.0	86 %	41-142	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Dibromofluoromethane	52	1	50.0	104 %	53-146	9G23012	EPA 8260B	07/23/09 22:27	kdm	
Toluene-d8	48	1	50.0	96 %	41-146	9G23012	EPA 8260B	07/23/09 22:27	kdm	



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Description: MW-9S
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-06
Sampled: 07/17/09 12:35
Sampled By: Chris Monaco

Received: 07/17/09 17:40
Work Order: A903224

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] ^	0.230		ug/L	1	0.0240	0.200	9G17041	EPA 7470A	07/22/09 08:36	JMA	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-06

Sampled: 07/17/09 12:35

Sampled By: Chris Monaco

Received: 07/17/09 17:40

Work Order: A903224

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] ^	267		ug/L	1	68.0	100	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	5.00	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Iron [7439-89-6] ^	78.0		ug/L	1	38.0	50.0	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Sodium [7440-23-5] ^	15.3		mg/L	1	0.320	1.00	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	9G18005	EPA 6020A	07/21/09 18:51	JAY	
Vanadium [7440-62-2] ^	5.73	I	ug/L	1	0.960	10.0	9G18005	EPA 6020A	07/21/09 18:51	JAY	



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Description: MW-9S
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-06
Sampled: 07/17/09 12:35
Sampled By: Chris Monaco

Received: 07/17/09 17:40
Work Order: A903224

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] ^	0.010	U	mg/L	1	0.010	0.020	9G21008	EPA 350.1	07/21/09 10:54	KG	
Chloride [16887-00-6] ^	21		mg/L	1	0.24	5.0	9G18002	EPA 300.0	07/18/09 17:37	RSA	
Nitrate as N [14797-55-8] ^	0.59	I	mg/L	1	0.10	1.0	9G18002	EPA 300.0	07/18/09 17:37	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	9G20013	EPA 420.1	07/22/09 12:15	CAS	
Sulfate [14808-79-8] ^	43		mg/L	1	0.11	5.0	9G20033	EPA 300.0	07/22/09 01:01	RSA	
Total Dissolved Solids [ECL-0156] ^	550		mg/L	1	10	10	9G20030	SM18 2540C	07/21/09 23:30	AH	



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Description: MW-9S
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-06
Sampled: 07/17/09 12:35
Sampled By: Chris Monaco

Received: 07/17/09 17:40
Work Order: A903224

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]	0.53		mg/L	1	0.00	0.00	9F22024	Field	07/17/09 12:35	MCC	
pH [ECL-0062]	6.67		pH Units	1			9F22024	Field	07/17/09 12:35	MCC	
Specific Conductance (EC) [ECL-0146]	908		umhos/cm	1	0	0	9F22024	Field	07/17/09 12:35	MCC	
Temperature [ECL-0151]	24.78		°C	1	0.00	0.00	9F22024	Field	07/17/09 12:35	MCC	
Turbidity [ECL-0177]	11.00		NTU	1	0.00	0.00	9F22024	Field	07/17/09 12:35	MCC	
Water Elevation [ECL-0180]	41.15		Ft	1			9F22024	Field	07/17/09 12:35	MCC	



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Description: TRIP BLANK

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A903224-07

Sampled: 07/16/09 00:00

Sampled By: ENCO

Received: 07/17/09 17:40

Work Order: A903224

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] ^	0.40	U	ug/L	1	0.40	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
cis-1,3-Dichloropropene [10061-01-5] ^	0.32	I	ug/L	1	0.30	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	9G23012	EPA 8260B	07/23/09 22:58	kdm	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	48	1	50.0	97 %	41-142	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Dibromofluoromethane	45	1	50.0	90 %	53-146	9G23012	EPA 8260B	07/23/09 22:58	kdm	
Toluene-d8	59	1	50.0	117 %	41-146	9G23012	EPA 8260B	07/23/09 22:58	kdm	

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 9G23012 - EPA 5030B_MS

Blank (9G23012-BLK1)

Prepared: 07/23/2009 11:19 Analyzed: 07/23/2009 12:43

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.40	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.23	U	1.0	ug/L							
1,1,2-Trichloroethane	0.34	U	1.0	ug/L							
1,1-Dichloroethane	0.45	U	1.0	ug/L							
1,1-Dichloroethene	0.50	U	1.0	ug/L							
1,2-Dichlorobenzene	0.32	U	1.0	ug/L							
1,2-Dichloroethane	0.34	U	1.0	ug/L							
1,2-Dichloropropane	0.34	U	1.0	ug/L							
1,3-Dichlorobenzene	0.34	U	1.0	ug/L							
1,4-Dichlorobenzene	0.41	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	0.39	U	1.0	ug/L							
Benzene	0.35	U	1.0	ug/L							
Bromodichloromethane	0.31	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.63	U	1.0	ug/L							
Carbon tetrachloride	0.51	U	1.0	ug/L							
Chlorobenzene	0.37	U	1.0	ug/L							
Chloroethane	0.66	U	1.0	ug/L							
Chloroform	0.37	U	1.0	ug/L							
Chloromethane	0.53	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.41	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.30	U	1.0	ug/L							
Dibromochloromethane	0.24	U	1.0	ug/L							
Dichlorodifluoromethane	0.75	U	1.0	ug/L							
Ethylbenzene	0.43	U	1.0	ug/L							
m,p-Xylenes	0.85	U	1.0	ug/L							
Methylene chloride	0.41	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.26	U	1.0	ug/L							
o-Xylene	0.39	U	1.0	ug/L							
Tetrachloroethene	0.43	U	1.0	ug/L							
Toluene	0.43	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.47	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.37	U	1.0	ug/L							
Trichloroethene	0.39	U	1.0	ug/L							
Trichlorofluoromethane	0.57	U	1.0	ug/L							
Vinyl chloride	0.48	U	1.0	ug/L							
Xylenes (Total)	0.85	U	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	45			ug/L	50.0		91	41-142			
Surrogate: Dibromofluoromethane	62			ug/L	50.0		123	53-146			
Surrogate: Toluene-d8	48			ug/L	50.0		96	41-146			

LCS (9G23012-BS1)

Prepared: 07/23/2009 11:19 Analyzed: 07/23/2009 12:12

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		97	65-144			
Benzene	18		1.0	ug/L	20.0		88	73-138			
Chlorobenzene	20		1.0	ug/L	20.0		101	77-127			
Toluene	18		1.0	ug/L	20.0		89	71-123			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 9G23012 - EPA 5030B_MS

LCS (9G23012-BS1) Continued

Prepared: 07/23/2009 11:19 Analyzed: 07/23/2009 12:12

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	21		1.0	ug/L	20.0		105	83-133			
Surrogate: 4-Bromofluorobenzene	49			ug/L	50.0		97	41-142			
Surrogate: Dibromofluoromethane	66			ug/L	50.0		132	53-146			
Surrogate: Toluene-d8	54			ug/L	50.0		108	41-146			

Matrix Spike (9G23012-MS1)

Prepared: 07/23/2009 11:19 Analyzed: 07/23/2009 13:13

Source: A903523-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.50 U	95	65-144			
Benzene	19		1.0	ug/L	20.0	0.35 U	95	73-138			
Chlorobenzene	23		1.0	ug/L	20.0	0.37 U	116	77-127			
Toluene	20		1.0	ug/L	20.0	2.2	91	71-123			
Trichloroethene	22		1.0	ug/L	20.0	0.39 U	112	83-133			
Surrogate: 4-Bromofluorobenzene	51			ug/L	50.0		103	41-142			
Surrogate: Dibromofluoromethane	63			ug/L	50.0		126	53-146			
Surrogate: Toluene-d8	52			ug/L	50.0		105	41-146			

Matrix Spike Dup (9G23012-MSD1)

Prepared: 07/23/2009 11:19 Analyzed: 07/23/2009 13:44

Source: A903523-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.50 U	105	65-144	9	16	
Benzene	19		1.0	ug/L	20.0	0.35 U	95	73-138	0.3	14	
Chlorobenzene	20		1.0	ug/L	20.0	0.37 U	100	77-127	14	13	QR-02
Toluene	19		1.0	ug/L	20.0	2.2	83	71-123	8	16	
Trichloroethene	19		1.0	ug/L	20.0	0.39 U	96	83-133	16	20	
Surrogate: 4-Bromofluorobenzene	49			ug/L	50.0		97	41-142			
Surrogate: Dibromofluoromethane	61			ug/L	50.0		122	53-146			
Surrogate: Toluene-d8	51			ug/L	50.0		102	41-146			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9G17041 - EPA 7470A

Blank (9G17041-BLK1)

Prepared: 07/21/2009 13:21 Analyzed: 07/22/2009 07:14

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0240	U	0.200	ug/L							

Blank (9G17041-BLK2)

Prepared: 07/21/2009 13:21 Analyzed: 07/22/2009 07:17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.240	U	2.00	ug/L							

LCS (9G17041-BS1)

Prepared: 07/21/2009 13:21 Analyzed: 07/22/2009 07:20

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9G17041 - EPA 7470A

LCS (9G17041-BS1) Continued

Prepared: 07/21/2009 13:21 Analyzed: 07/22/2009 07:20

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.21		0.200	ug/L	5.00		104	85-115			

Matrix Spike (9G17041-MS1)

Prepared: 07/21/2009 13:21 Analyzed: 07/22/2009 07:26

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.46		0.200	ug/L	5.00	0.0240 U	89	85-115			

Matrix Spike Dup (9G17041-MSD1)

Prepared: 07/21/2009 13:21 Analyzed: 07/22/2009 07:30

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.52		0.200	ug/L	5.00	0.0240 U	90	85-115	1	10	

Post Spike (9G17041-PS1)

Prepared: 07/22/2009 06:00 Analyzed: 07/22/2009 07:55

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.31		0.200	ug/L	5.61	-0.0485	96	0-200			

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

Batch 9G18005 - EPA 3005A

Blank (9G18005-BLK1)

Prepared: 07/20/2009 11:44 Analyzed: 07/21/2009 14:27

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	68.0	U	100	ug/L							
Antimony	0.700	U	5.00	ug/L							
Arsenic	4.00	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	1.20	U	5.00	ug/L							
Sodium	0.320	U	1.00	mg/L							
Thallium	0.260	U	1.00	ug/L							
Vanadium	0.960	U	10.0	ug/L							

LCS (9G18005-BS1)

Prepared: 07/20/2009 11:44 Analyzed: 07/21/2009 14:34

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1040		100	ug/L	1000		104	80-120			
Antimony	50.4		5.00	ug/L	50.0		101	80-120			
Arsenic	508		10.0	ug/L	500		102	80-120			
Cadmium	51.2		3.00	ug/L	50.0		102	80-120			
Chromium	512		10.0	ug/L	500		102	80-120			
Iron	1050		50.0	ug/L	1000		105	80-120			

QUALITY CONTROL

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

Batch 9G18005 - EPA 3005A

LCS (9G18005-BS1) Continued

Prepared: 07/20/2009 11:44 Analyzed: 07/21/2009 14:34

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	508		5.00	ug/L	500		102	80-120			
Sodium	26.2		1.00	mg/L	25.0		105	80-120			
Thallium	51.4		1.00	ug/L	50.0		103	80-120			
Vanadium	520		10.0	ug/L	500		104	80-120			

Matrix Spike (9G18005-MS1)

Prepared: 07/20/2009 11:44 Analyzed: 07/21/2009 14:51

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1110		100	ug/L	1000	68.0 U	111	75-125			
Antimony	50.8		5.00	ug/L	50.0	0.700 U	102	75-125			
Arsenic	507		10.0	ug/L	500	6.72	100	75-125			
Cadmium	51.7		3.00	ug/L	50.0	1.10 U	103	75-125			
Chromium	509		10.0	ug/L	500	4.50 U	102	75-125			
Iron	6920		50.0	ug/L	1000	5650	127	75-125			QM-07
Lead	484		5.00	ug/L	500	1.20 U	97	75-125			
Sodium	93.2		1.00	mg/L	25.0	65.4	111	75-125			
Thallium	50.2		1.00	ug/L	50.0	0.334	100	75-125			
Vanadium	511		10.0	ug/L	500	0.960 U	102	75-125			

Matrix Spike Dup (9G18005-MSD1)

Prepared: 07/20/2009 11:44 Analyzed: 07/21/2009 14:59

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1090		100	ug/L	1000	68.0 U	109	75-125	2	20	
Antimony	50.9		5.00	ug/L	50.0	0.700 U	102	75-125	0.1	20	
Arsenic	514		10.0	ug/L	500	6.72	102	75-125	1	20	
Cadmium	50.9		3.00	ug/L	50.0	1.10 U	102	75-125	2	20	
Chromium	503		10.0	ug/L	500	4.50 U	101	75-125	1	20	
Iron	6690		50.0	ug/L	1000	5650	104	75-125	3	20	
Lead	480		5.00	ug/L	500	1.20 U	96	75-125	0.8	20	
Sodium	92.6		1.00	mg/L	25.0	65.4	109	75-125	0.7	20	
Thallium	50.0		1.00	ug/L	50.0	0.334	99	75-125	0.4	20	
Vanadium	514		10.0	ug/L	500	0.960 U	103	75-125	0.4	20	

Post Spike (9G18005-PS1)

Prepared: 07/21/2009 12:30 Analyzed: 07/21/2009 15:08

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	104		10.0	ug/L	98.0	3.37	103	80-120			
Antimony	4.94		0.500	ug/L	4.90	0.0201	100	80-120			
Arsenic	47.9		1.00	ug/L	49.0	0.659	96	80-120			
Cadmium	4.81		0.300	ug/L	4.90	0.00127	98	80-120			
Chromium	47.9		1.00	ug/L	49.0	-0.0279	98	80-120			
Iron	644		5.00	ug/L	98.0	554	91	80-120			
Lead	45.2		0.500	ug/L	49.0	-0.0174	92	80-120			
Sodium	8810		100	ug/L	2450	6410	98	80-120			

QUALITY CONTROL

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

Batch 9G18005 - EPA 3005A

Post Spike (9G18005-PS1) Continued

Prepared: 07/21/2009 12:30 Analyzed: 07/21/2009 15:08

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Thallium	4.71		0.100	ug/L	4.90	0.0327	95	80-120			
Vanadium	48.5		1.00	ug/L	49.0	0.0270	99	80-120			

Batch AA08112 - 9G18005

Serial Dilution (AA08112-SRD1)

Prepared: 07/20/2009 00:00 Analyzed: 07/21/2009 15:16

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	62.8		5.00	ug/L		65.4			4	10	

Serial Dilution (AA08112-SRD2)

Prepared: 07/20/2009 00:00 Analyzed: 07/21/2009 19:33

Source: A903584-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	0.640	U	2.00	ug/L						10	

Classical Chemistry Parameters - Quality Control

Batch 9G18002 - NO PREP

Blank (9G18002-BLK1)

Prepared: 07/18/2009 09:52 Analyzed: 07/18/2009 12:53

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.24	U	5.0	mg/L							
Nitrate as N	0.10	U	1.0	mg/L							

LCS (9G18002-BS1)

Prepared: 07/18/2009 09:52 Analyzed: 07/18/2009 13:10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	48		5.0	mg/L	50.0		96	90-110			
Nitrate as N	9.3		1.0	mg/L	10.0		93	90-110			

Matrix Spike (9G18002-MS1)

Prepared: 07/18/2009 09:52 Analyzed: 07/18/2009 13:26

Source: A903224-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	52		5.0	mg/L	51.0	3.9	95	90-110			
Nitrate as N	13		1.0	mg/L	10.2	2.8	99	90-110			

Matrix Spike Dup (9G18002-MSD1)

Prepared: 07/18/2009 09:52 Analyzed: 07/18/2009 13:43

Source: A903224-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	51		5.0	mg/L	51.0	3.9	93	90-110	1	10	
Nitrate as N	13		1.0	mg/L	10.2	2.8	97	90-110	1	10	

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 9G18002 - NO PREP

Batch 9G20013 - NO PREP

Blank (9G20013-BLK1)

Prepared: 07/20/2009 10:35 Analyzed: 07/21/2009 13:47

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	16	U	50	ug/L							

Blank (9G20013-BLK2)

Prepared: 07/21/2009 10:13 Analyzed: 07/22/2009 12:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	16	U	50	ug/L							

LCS (9G20013-BS1)

Prepared: 07/20/2009 10:35 Analyzed: 07/21/2009 13:47

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	450		50	ug/L	500		91	78-110			

LCS (9G20013-BS2)

Prepared: 07/21/2009 10:13 Analyzed: 07/22/2009 12:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	420		50	ug/L	500		84	78-110			

Matrix Spike (9G20013-MS1)

Prepared: 07/20/2009 10:35 Analyzed: 07/21/2009 13:47

Source: A903422-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	440		50	ug/L	500	18	85	78-110			

Matrix Spike Dup (9G20013-MSD1)

Prepared: 07/20/2009 10:35 Analyzed: 07/21/2009 13:47

Source: A903422-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	460		50	ug/L	500	18	89	78-110	5	10	

Batch 9G20030 - NO PREP

Blank (9G20030-BLK1)

Prepared: 07/20/2009 17:00 Analyzed: 07/21/2009 23:30

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 (9G20030-BS1)

Prepared: 07/20/2009 17:00 Analyzed: 07/21/2009 23:30

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	280		10	mg/L	300		95	88-111			

Duplicate (9G20030-DUP1)

Prepared: 07/20/2009 17:00 Analyzed: 07/21/2009 23:30

Source: A903224-01

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 9G20030 - NO PREP

Duplicate (9G20030-DUP1) Continued

Prepared: 07/20/2009 17:00 Analyzed: 07/21/2009 23:30

Source: A903224-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	1600		10	mg/L		1600			0.1	10	

Batch 9G20033 - NO PREP

Blank (9G20033-BLK1)

Prepared: 07/21/2009 12:00 Analyzed: 07/21/2009 19:10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	0.11	U	5.0	mg/L							

LCS (9G20033-BS1)

Prepared: 07/21/2009 12:00 Analyzed: 07/21/2009 19:27

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	47		5.0	mg/L	50.0		94	90-110			

Matrix Spike (9G20033-MS1)

Prepared: 07/21/2009 12:00 Analyzed: 07/21/2009 19:44

Source: A903353-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	59		5.0	mg/L	51.0	8.6	98	90-110			

Matrix Spike Dup (9G20033-MSD1)

Prepared: 07/21/2009 12:00 Analyzed: 07/21/2009 20:00

Source: A903353-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	58		5.0	mg/L	51.0	8.6	98	90-110	0.5	10	

Batch 9G21008 - NO PREP

Blank (9G21008-BLK1)

Prepared: 07/21/2009 09:27 Analyzed: 07/21/2009 10:35

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.010	U	0.020	mg/L							

Blank (9G21008-BLK2)

Prepared: 07/21/2009 09:27 Analyzed: 07/21/2009 11:42

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.010	U	0.020	mg/L							

LCS (9G21008-BS1)

Prepared: 07/21/2009 09:27 Analyzed: 07/21/2009 10:37

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.1		0.020	mg/L	1.00		105	90-110			

LCS (9G21008-BS2)

Prepared: 07/21/2009 09:27 Analyzed: 07/21/2009 11:44



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QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 9G21008 - NO PREP

LCS (9G21008-BS2) Continued

Prepared: 07/21/2009 09:27 Analyzed: 07/21/2009 11:44

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		103	90-110			

Matrix Spike (9G21008-MS1)

Prepared: 07/21/2009 09:27 Analyzed: 07/21/2009 10:40

Source: A903575-01

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	0.035	101	90-110			

Matrix Spike Dup (9G21008-MSD1)

Prepared: 07/21/2009 09:27 Analyzed: 07/21/2009 10:41

Source: A903575-01

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	0.035	101	90-110	0.5	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. The associated sample note or project narrative indicate the causative reason.
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.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.



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ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Orlando, FL 32824
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1075 Passport Way
Cary, NC 27513
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Page 1 of 1

Client Name Friends Recycling (FR008)		Project Number 21012	
Address 2350 NW 27th Avenue		Project Name/Use FRIENDS RECYCLING FORMERLY OCALA RECYCLING	
City/State Orcala, FL 34475		PO # / Billing Info	
Tel (352) 266-4853		Fax (352) 622-4999	
Reporting Contact Nick Giunarelli		Billing Contact Nick Giunarelli	
Samples Name, Address (Print) Chris Monaco, ENCO		Facility # (if required)	
Requested Analysis 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 TDS as conductivity Phenols 420.1 TDS SM2540C		Preservation (See Codes) (Conserve as necessary)	
Lab Workorder A903224		Due <u> </u> / <u> </u> / <u> </u>	
Requested Turnaround Times Standard Expedited		Note: Rush requests subject to acceptance by the facility	

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Cont. / Grab	Matrix (See Codes)	Total # of Containers	Preservation (See Codes) (Conserve as necessary)	Sample Comments
	MW-1	7/17/09	1500	Grab	GW	3		
	MW-5	7/17/09	1015	Grab	GW	3		
	MW-6	7/17/09	1043	Grab	GW	3		
	MW-7	7/17/09	0948	Grab	GW	3		
	MW-8	7/17/09	1147	Grab	GW	3		
	MW-95	7/17/09	1235	Grab	GW	3		
	Trip Blank	-	-	-	GW	2		
Total # of Containers								

Sample ID Prepared By D. J. [Signature]	Date/Time 7/16/09 1530	Requested By D. J. [Signature]	Date/Time 7/16/09 1530	Received By [Signature]	Date/Time 7/16/09 1700
Comments [Signature]		Requested By [Signature]	Date/Time 7/17/09 1330	Received By [Signature]	Date/Time 7/17/09 1740
Condition Upon Receipt Acceptable ☒ Unacceptable ☐					

Matrix: GW Groundwater SO Soil SE Sewerage SW Surface Water WW Wastewater A Air 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.