
SEMI-ANNUAL MONITORING REPORT

SECOND HALF 2011

**FRIENDS RECYCLING
(FKA Big D Roofing, Inc.)
2350 NW 27th Avenue
Ocala, Marion County, Florida**

PREPARED FOR:

Florida Department of Environmental Protection
Central District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803-3767

PREPARED BY:

Robert M. Couch III, P.E.
ENVIRO-TECH, INC.
15290 SE Hwy 42, PO Box 152
Weirsdale, Florida 32195
(352) 694-1799
Registration No. 55311
Certificate of Authorization No. 8692

August 2, 2011

August 2, 2011

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the Second Half of 2011
Friends Recycling C&D Landfill
Marion County, Florida

Dear Mr. Giunarelli:

Per your request, Enviro-Technologies, Inc. (ETI) has completed the semi-annual groundwater monitoring report for the second half of 2011 groundwater sampling activities on Monitoring Wells: MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9S. Information about the individual wells is provided in the Appendix of this report.

The following is a summary of the semi-annual sampling activities performed on the above listed wells as required by the Florida Department of Environmental Protection (FDEP) for the Friends Recycling C&D Landfill. Please forward one copy of this report to Gloria Jean DePradine at the FDEP with your cover sheet containing the appropriate verbiage regarding report approval periods as stipulated in the operating permit for this facility.

PROJECT LOCATION

The subject property is located at 2350 NW 27th Avenue in Ocala, Marion County, Florida, as shown on the Site Location Map in the Appendix.

GROUNDWATER QUALITY ASSESSMENT

On July 15, 2011, (date of the sample collection), ground water samples were collected from MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9S, shown in the Topographic Survey provided by Robert L. Rogers Engineering Co., Inc. All collected groundwater samples were delivered to Environmental Conservation Laboratories, Inc. (ENCO) for analyses.

The collected samples were analyzed for the initial sample parameter items listed in the ENCO groundwater sampling reports. Groundwater sampling activities were performed in accordance with procedures and methods required by FDEP standard operating procedures. All laboratory analytical activities were performed in accordance with FDEP standards. A copy of the sampling data sheet is included in the Appendix.

GROUNDWATER ANALYTICAL RESULTS

Copies of the laboratory analytical results and chain-of-custody forms and a sample detection summary of the analytical results of each monitoring well for the July 15, 2011 sampling event are provided in the Appendix. A summary of the identified peaks equal to greater than the Groundwater Cleanup Target Levels for respective analytical methods are provided in the following tables:

MW-1

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	2.9	2.8	mg/L	EPA 350.1
Iron - Total	5870	300	ug/L	EPA 6020
Arsenic - Total	0.0206	0.010	mg/L	EPA 6020
Total Dissolved Solids	770	500	mg/L	SM182540C

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	10,700	300	ug/L	EPA 6020

MW-6

Analyte	Results	Groundwater Criteria	Units	Method
ALL ITEMS BELOW	GROUND WATER	TARGET	CLEAN UP	LEVELS

MW-7

Analyte	Results	Groundwater Criteria	Units	Method
Aluminum - Total	315	200	ug/L	EPA 6020A
Nitrate as N	11	10	mg/L	EPA 300.0
Total Dissolved Solids	580	500	mg/L	SM18 2540C

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	9670	300	ug/L	EPA 6020
Total Dissolved Solids	630	500	mg/L	SM18 2540C

MW-9S

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	560	500	mg/L	SM18 2540C

The laboratory analytical results for **MW-1**, MW-5, MW-6, MW-7, MW-8, and **MW-9S** indicate that concentrations of all items analyzed during the sampling event, apart from the **items** above, are well below the Groundwater Cleanup Target Levels (**GCTL's**). In addition, the measured items in the Groundwater Sampling Logs indicate that the samples should be representative of the surrounding aquifer.

High levels of iron were still noted in monitoring wells **MW-1**, MW-5, and MW-8. However, the concentration levels in these monitoring wells was lower in MW-5 and MW-8 than the previous sampling event. The lower levels may be the result of the decreased rainfall in recent months. Although these items may be the result of steel disposal, significant portions of Marion County are known for having iron in the water.

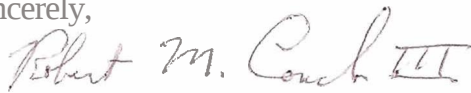
Ammonia as N was lower and Arsenic was still elevated in MW-1. In addition, Total Dissolved Solids in all monitoring wells except for MW-5 and MW-6 sampled were higher than **GTCLs** for this sampling event. All of the higher concentrations are expected to be the result of changes in rainfall amounts.

The items that were observed to be above the **GCTL's** were common to groundwater in the Marion County area and their concentrations are expected to vary based on rainfall conditions in the area. Variations between monitoring wells can be attributed to the varying soil compositions common in Marion County.

It should be noted that, according to the groundwater sampling logs, the samples were taken in accordance DEP-SOP-001/01 FS 2200.

Thank you for the opportunity to provide consulting services to the Friends Recycling C&D Landfill. If you have any questions or comments about this report, please feel free to contact me at (352) **694-1799**.

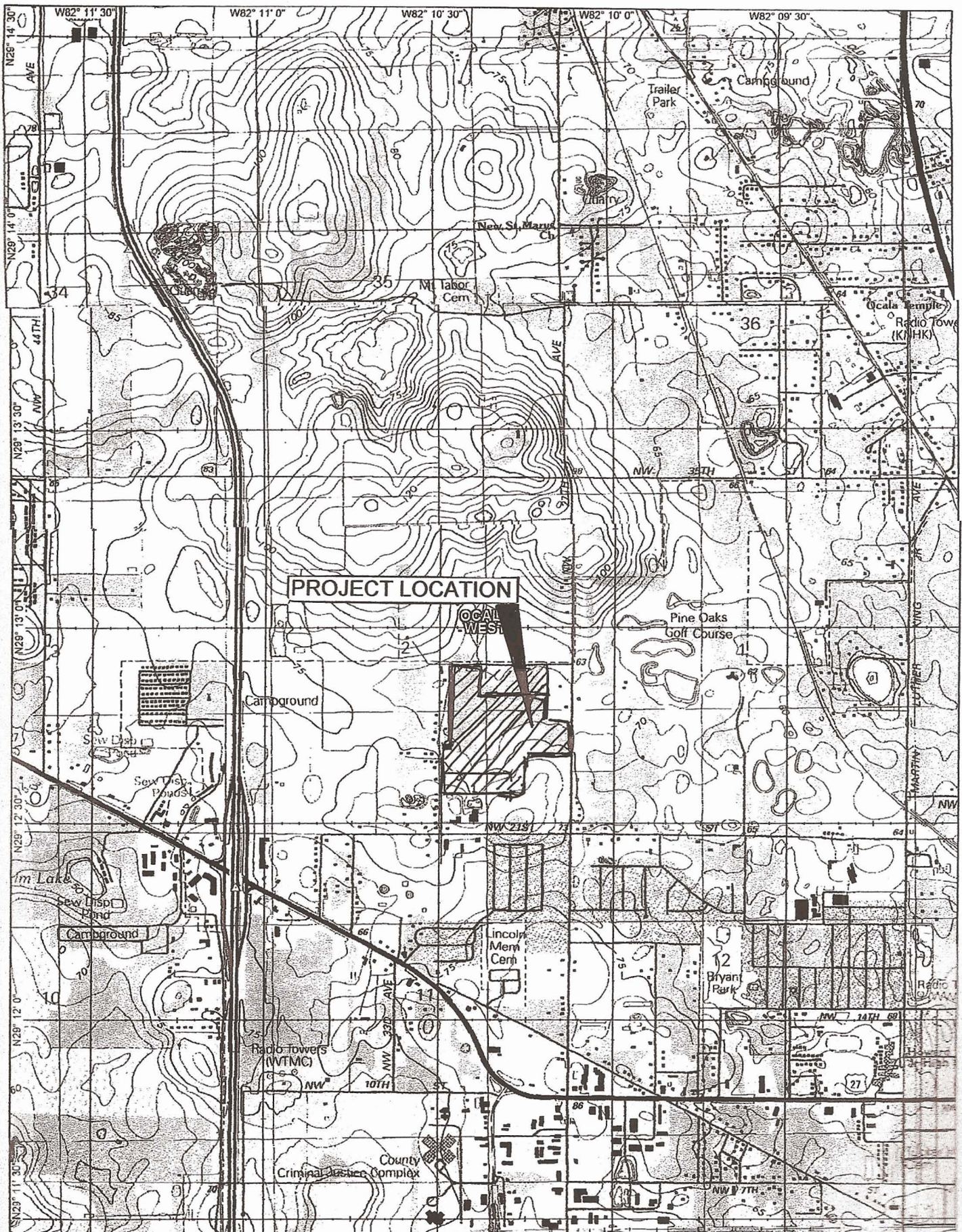
Sincerely,



Robert M. Couch III, P.E.
President
ENVIRO-TECH, Inc.

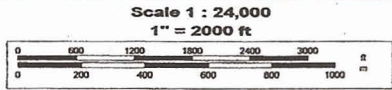
Cc: Gloria Jean **DePradine**- Florida Department of Environmental Protection

APPENDIX



DELOME

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www.delorme.com



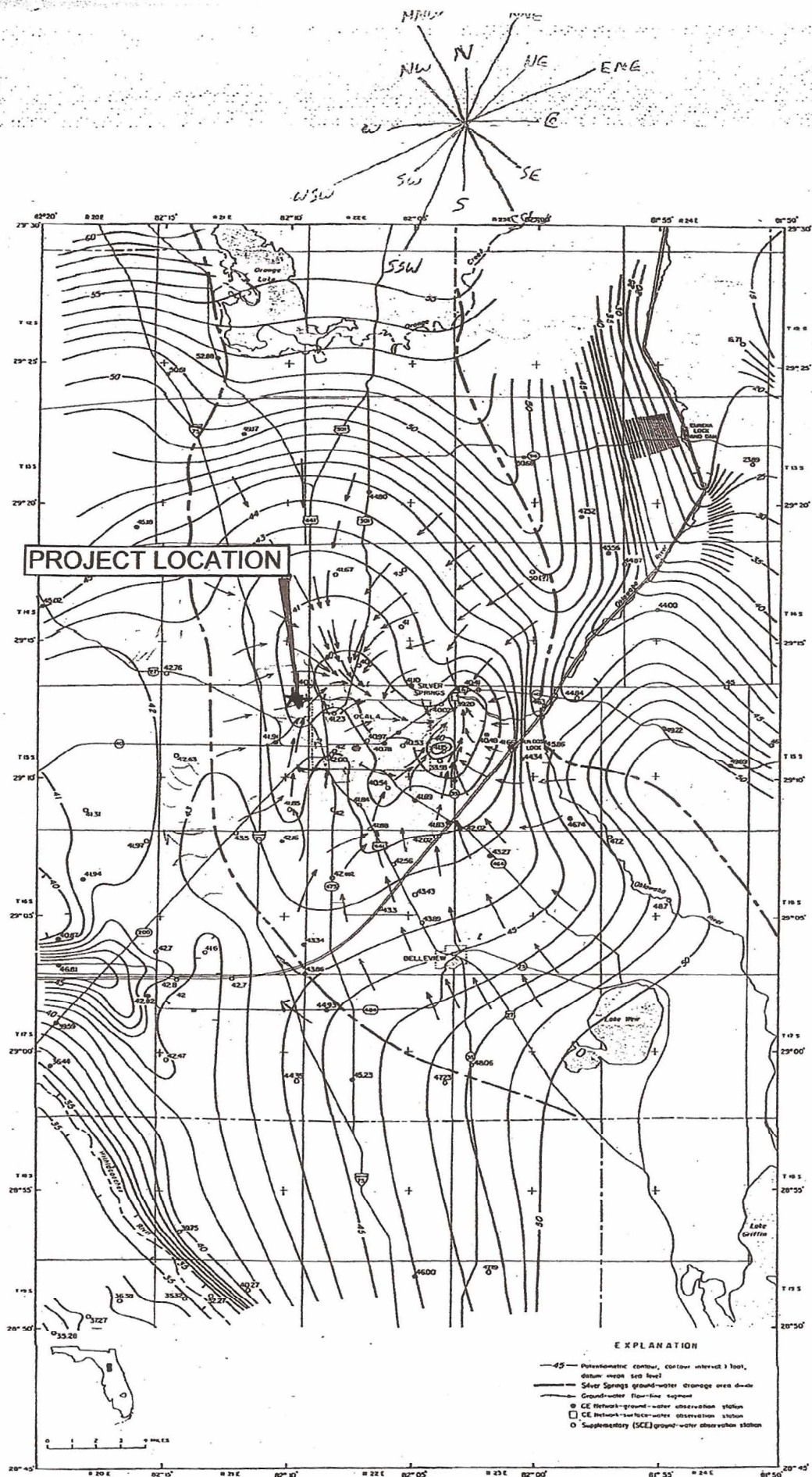


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

Form FD 9000-24

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-1		WACS_WELL: 18811	
		DATE: 07 / 15 / 11	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

REMARKS: Slowed pump to sample cannot describe odor

DTW = 34.32 Reference Elevation = 74.66 GWTE = 40.34 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: + 0.2 units **Temperature:** + 0.2 °C **Specific Conductance:** + 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

Revision Date: February 12, 2009

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-5		WACS_WELL: 22912	DATE: 07 / 15 / 11

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 47.71	PURGE PUMP TYPE OR BAILER: ESP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
$= (67.45 \text{ feet} - 47.71 \text{ feet}) \times .16 \text{ gallons/foot} = 3.16 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$				

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

[illegible]

DTW = 47.71 Reference Elevation = 88.01 GWTE = 40.30 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME:	Friends Recycling	SITE LOCATION:	Marion County, Florida
MONITORING_SITE_NUM: MW-6	WACS_WELL: 22913	DATE:	07 / 15 / 11

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

REMARKS: Slowed pump to sample

DTW = 31.63 Reference Elevation = 78.05 GWTE = 40.42 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

PURGING DATA

SAMPLING DATA

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-8		WACS_WELL: 22915	DATE: 07 / 15 / 11

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

REMARKS:

DTW = 30.94 Reference Elevation = 71.17 GWTE = 40.23 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-9S		WACS_WELL: 22916	DATE: 07 / 15 / 11

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

REMARKS:

DTW = 28.58 Reference Elevation = 68.64 GWTE = 40.06 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater)

Revision Date: February 12, 2009



CALIBRATION LOG

ITS Work Order Number:

FRL-071511

06 11/15/11

CLIENT: Friends Recycling

ADDRESS: 2350 NW 27th Ave.

CITY, STATE: Ocala, FL 34475

Site: Friends Recycling C&D Landfill

START CAL DATE @ TIME: 07/15/11 @ 0730

END CALIBRATION DATE @ TIME: 07/15/11 @ 1340

Page 1 of 1

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 3.15

pH Sensor Per DEP-SOP-001/01 FT 1100						Temperature Sensor Per DEP-SOP-001/01 FT 1400					
Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE	STANDARD (ERTCO Thermometer)		YSI METER		LOT NUMBER	DATE PERFORMED (Quarterly)
	START	END						TEMP READING			
4.01	4.01	4.00	✓	OQ1	Oct-12			LOW	HIGH		
7.00	7.00	6.99	7.00	OU3	Jun-12	LOW	4.80	4.85		NA	07/07/11
10.00	10.00	10.00	✓	OS2	Aug-12	HIGH	30.70		30.74		07/07/11

Standards are prepared by OAKTON. Liquid Temp: N/A

Thermometer is N.I.S.T. certified and manufactured by ERTCO, S/N 2206. Temp is in ° unless otherwise noted. YSI is checked against ERTCO once per Quarter

Dissolved Oxygen Sensor Per DEP-SOP-001/01 FT 1500

STANDARD (ppm)	START	END	LOT NUMBER	EXPIRATION DATE
	METER READING			
0.00	.19	.18	OR1	Sep-11
fresh air @				
22.40 °C	8.67			
30.07 °C		7.55		

Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by Oakton.

Conductivity Sensor Per DEP-SOP-001/01 FT 1200

STANDARD µmhos	START	END	LOT NUMBER	EXPIRATION DATE
	METER READING			
8,974	NM	NM	OR1	Sep-11
2,764	2764	2771	OR1	Sep-11
447	NM	NM	NA	NA
84	84	84	OQ1	Oct-11

Standards prepared by Oakton. All standards are potassium chloride solutions.

ORP Sensor Per DEP-SOP-001/01 FT 2100

STANDARD (mV)	START	END	LOT NUMBER	EXPIRATION DATE
	METER READING			
200 @ 25°C	NM	NM	1AE124	Nov-11

Standard is ORP solution +/- 5% @ 25°C, prepared by USA Blue Book

Notes:

NA - not applicable

NM - not measured

Form Rev 3.15 on 07/08/11: Updated for new ORP standard,
check temp calibration

HF SCIENTIFIC DTR-15CE TURBIDITY METER - MODEL # 19057 S/N 910285 DEP-SOP-001/01 FT 1600 (ITSNTU # 1)

Per

Remarks:

Weather Conditions: 85-90°F humid

STANDARD (ntu)	START	END	LOT NUMBER	EXPIRATION DATE
	METER READING			
1000	1000	1000	See Below	Jun-12
100	100	100	See Below	Jun-12
10	10	10	See Below	Jun-12
0.02	0.02	0.02	See Below	Jun-12

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 01240

Equipment Blank with D.I. water

Zephyr Hills brand Lot #030311067WF2331847BB

Exp Date 09/06/12

Equipment Blank Data - Collected @ None Collected

pH = ✓

Cond = ✓

Temp = ✓

D.O. = ✓

Turbidity = ✓

All equipment used to obtain data at this site is owned, operated, and maintained by Ideal Tech Services Inc., unless otherwise noted. All equipment was purchased new from the manufacturers or authorized distributors. Preventative maintenance will be performed at the intervals specified by the manufacturer of each piece of equipment, or when equipment calibration results are out of tolerance. Equipment maintenance logs will be maintained by Ideal Tech Services Inc.

COPY TO: Nick Giumarelli

SIGNED:

Chris Monaco or Karen LeBeau

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



www.encolabs.com

Sunday, July 24, 2011

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: A103465

Dear Nick Giunarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, July 15, 2011.

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, reading "Marcia Colon".

Marcia Colon

Project Manager

Enclosure(s)



www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID:	MW-5	Lab ID: A103465-01				Sampled: 07/15/11 09:51		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0	07/17/11	09:51		07/15/11	15:30	7/15/2011	18:48		
EPA 300.0	08/12/11			07/15/11	15:30	7/15/2011	18:48		
EPA 350.1	08/12/11			07/18/11	12:28	7/19/2011	14:53		
EPA 420.1	08/12/11			07/19/11	09:59	7/20/2011	15:50		
EPA 6020A	01/11/12			07/19/11	15:42	7/20/2011	18:16		
EPA 7470A	08/12/11			07/19/11	13:13	7/20/2011	09:12		
EPA 8260B	07/29/11			07/20/11	11:08	7/20/2011	17:33		
Field	07/15/11	10:05		07/15/11	09:51	7/15/2011	09:51		
Field	07/16/11	09:51	07/16/11	09:51	07/15/11	09:51	7/15/2011	09:51	
Field	07/17/11	09:51		07/15/11	09:51	7/15/2011	09:51		
SM18 2540C	07/22/11			07/19/11	16:20	7/20/2011	22:53		

Client ID:	MW-1	Lab ID: A103465-02				Sampled: 07/15/11 09:14		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0	07/17/11	09:14		07/15/11	15:30	7/15/2011	19:04		
EPA 300.0	08/12/11			07/15/11	15:30	7/15/2011	19:04		
EPA 350.1	08/12/11			07/18/11	12:28	7/19/2011	15:09		
EPA 420.1	08/12/11			07/19/11	09:59	7/20/2011	15:50		
EPA 6020A	01/11/12			07/19/11	15:42	7/20/2011	19:48		
EPA 7470A	08/12/11			07/19/11	13:13	7/20/2011	09:15		
EPA 8260B	07/29/11			07/20/11	11:08	7/20/2011	18:06		
Field	07/15/11	09:28		07/15/11	09:14	7/15/2011	09:14		
Field	07/16/11	09:14	07/16/11	09:14	07/15/11	09:14	7/15/2011	09:14	
Field	07/17/11	09:14		07/15/11	09:14	7/15/2011	09:14		
SM18 2540C	07/22/11			07/19/11	16:20	7/20/2011	22:53		

Client ID: MW-1		Lab ID: A103465-02RE1		Sampled: 07/15/11 09:14		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	08/12/11		07/18/11 12:30		7/18/2011 13:29		

Client ID:	MW-6	Lab ID: A103465-03				Sampled: 07/15/11 10:14		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0	07/17/11	10:14		07/15/11	15:30	7/15/2011	19:20		
EPA 300.0	08/12/11			07/15/11	15:30	7/15/2011	19:20		
EPA 350.1	08/12/11			07/18/11	12:28	7/19/2011	14:55		
EPA 420.1	08/12/11			07/19/11	09:59	7/20/2011	15:50		
EPA 6020A	01/11/12			07/19/11	15:42	7/20/2011	19:55		
EPA 7470A	08/12/11			07/19/11	13:13	7/20/2011	09:18		
EPA 8260B	07/29/11			07/20/11	11:08	7/20/2011	18:38		
Field	07/15/11	10:28		07/15/11	10:14	7/15/2011	10:14		
Field	07/16/11	10:14	07/16/11	10:14	07/15/11	10:14	7/15/2011	10:14	
Field	07/17/11	10:14		07/15/11	10:14	7/15/2011	10:14		
SM18 2540C	07/22/11			07/19/11	16:20	7/20/2011	22:53		



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Client ID: MW-7		Lab ID: A103465-04		Sampled: 07/15/11 11:17		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	07/17/11	11:17		07/15/11	15:30	7/15/2011	19:52
EPA 300.0	08/12/11			07/15/11	15:30	7/15/2011	19:52
EPA 350.1	08/12/11			07/18/11	12:28	7/19/2011	14:59
EPA 420.1	08/12/11			07/19/11	09:59	7/20/2011	15:50
EPA 6020A	01/11/12			07/19/11	15:42	7/20/2011	20:03
EPA 7470A	08/12/11			07/19/11	13:13	7/20/2011	09:21
EPA 8260B	07/29/11			07/20/11	11:08	7/20/2011	19:11
Field	07/15/11	11:31		07/15/11	11:17	7/15/2011	11:17
Field	07/16/11	11:17	07/16/11 11:17	07/15/11	11:17	7/15/2011	11:17
Field	07/17/11	11:17		07/15/11	11:17	7/15/2011	11:17
SM18 2540C	07/22/11			07/19/11	16:20	7/20/2011	22:53

Client ID: MW-8		Lab ID: A103465-05		Sampled: 07/15/11 10:47		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	07/17/11	10:47		07/15/11	15:30	7/15/2011	20:08
EPA 300.0	08/12/11			07/15/11	15:30	7/15/2011	20:08
EPA 350.1	08/12/11			07/18/11	12:28	7/19/2011	15:00
EPA 420.1	08/12/11			07/19/11	09:59	7/20/2011	15:50
EPA 6020A	01/11/12			07/19/11	15:42	7/20/2011	20:13
EPA 7470A	08/12/11			07/19/11	13:13	7/20/2011	09:30
EPA 8260B	07/29/11			07/20/11	11:08	7/20/2011	19:43
Field	07/15/11	11:01		07/15/11	10:47	7/15/2011	10:47
Field	07/16/11	10:47	07/16/11 10:47	07/15/11	10:47	7/15/2011	10:47
Field	07/17/11	10:47		07/15/11	10:47	7/15/2011	10:47
SM18 2540C	07/22/11			07/19/11	16:20	7/20/2011	22:53

Client ID: MW-8		Lab ID: A103465-05RE1		Sampled: 07/15/11 10:47		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6020A	01/11/12			07/19/11	15:42	7/21/2011	13:08

Client ID: MW-9S		Lab ID: A103465-06		Sampled: 07/15/11 08:47		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	07/17/11	08:47		07/15/11	15:30	7/15/2011	20:40
EPA 300.0	08/12/11			07/15/11	15:30	7/15/2011	20:40
EPA 350.1	08/12/11			07/18/11	12:28	7/19/2011	15:01
EPA 420.1	08/12/11			07/19/11	09:59	7/20/2011	15:50
EPA 6020A	01/11/12			07/19/11	15:42	7/20/2011	20:20
EPA 7470A	08/12/11			07/19/11	13:13	7/20/2011	09:33
EPA 8260B	07/29/11			07/20/11	11:08	7/20/2011	20:14
Field	07/15/11	09:01		07/15/11	08:47	7/15/2011	08:47
Field	07/16/11	08:47	07/16/11 08:47	07/15/11	08:47	7/15/2011	08:47
Field	07/17/11	08:47		07/15/11	08:47	7/15/2011	08:47
SM18 2540C	07/22/11			07/19/11	16:20	7/20/2011	22:53



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Client ID: TRIP BLANK		Lab ID: A103465-07		Sampled: 07/15/11 00:00		Received: 07/15/11 15:00	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	07/29/11		07/20/11 11:08		7/20/2011 20:46		

SAMPLE DETECTION SUMMARY

Client ID:	MW-5	Lab ID:	A103465-01
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.60		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	4.72	I	4.10	10.0	ug/L	EPA 6020A	
Chloride	6.2		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.80		0.00	0.00	mg/L	Field	
Iron - Total	10700		190	250	ug/L	EPA 6020A	
pH	6.71				pH Units	Field	
Sodium - Total	4.42		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	882		0	0	umhos/cm	Field	
Sulfate	9.0		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.07		0.00	0.00	°C	Field	
Total Dissolved Solids	490		10	10	mg/L	SM18 2540C	
Turbidity	1.30		0.00	0.00	NTU	Field	
Water Elevation	40.17				Ft	Field	

Client ID:	MW-1	Lab ID:	A103465-02
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	2.9		0.015	0.040	mg/L	EPA 350.1	
Arsenic - Total	20.6		4.10	10.0	ug/L	EPA 6020A	
Chloride	24		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.71		0.00	0.00	mg/L	Field	
Iron - Total	5870		38.0	50.0	ug/L	EPA 6020A	
pH	6.67				pH Units	Field	
Sodium - Total	34.2		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1207		0	0	umhos/cm	Field	
Temperature	23.65		0.00	0.00	°C	Field	
Total Dissolved Solids	770		10	10	mg/L	SM18 2540C	
Turbidity	2.40		0.00	0.00	NTU	Field	
Water Elevation	40.16				Ft	Field	

Client ID:	MW-1	Lab ID:	A103465-02RE1
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sulfate	150		0.13	10	mg/L	EPA 300.0	

Client ID:	MW-6	Lab ID:	A103465-03
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.3	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	2.85		0.00	0.00	mg/L	Field	
Nitrate as N	1.7		0.052	1.0	mg/L	EPA 300.0	
pH	6.00				pH Units	Field	
Sodium - Total	5.57		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	726		0	0	umhos/cm	Field	
Sulfate	22		0.07	5.0	mg/L	EPA 300.0	
Temperature	22.02		0.00	0.00	°C	Field	
Total Dissolved Solids	420		10	10	mg/L	SM18 2540C	
Turbidity	3.40		0.00	0.00	NTU	Field	
Water Elevation	40.00				Ft	Field	

Client ID: MW-7	Lab ID: A103465-04						
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	315		68.0	100	ug/L	EPA 6020A	
Chloride	9.7		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.70		0.00	0.00	mg/L	Field	
Iron - Total	135		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0371	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	11		0.052	1.0	mg/L	EPA 300.0	
pH	6.63				pH Units	Field	
Sodium - Total	15.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	955		0	0	umhos/cm	Field	
Sulfate	38		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.30		0.00	0.00	°C	Field	
Total Dissolved Solids	580		10	10	mg/L	SM18 2540C	
Turbidity	2.40		0.00	0.00	NTU	Field	
Vanadium - Total	13.2		1.70	10.0	ug/L	EPA 6020A	
Water Elevation	38.61				Ft	Field	

Client ID: MW-8	Lab ID: A103465-05						
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.43		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	6.36	I	4.10	10.0	ug/L	EPA 6020A	
Benzene	1.3		0.58	1.0	ug/L	EPA 8260B	
Chloride	18		0.29	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	1.1		0.49	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.96		0.00	0.00	mg/L	Field	
pH	6.49				pH Units	Field	
Sodium - Total	13.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1128		0	0	umhos/cm	Field	
Sulfate	6.7		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.83		0.00	0.00	°C	Field	
Total Dissolved Solids	630		10	10	mg/L	SM18 2540C	
Turbidity	1.50		0.00	0.00	NTU	Field	
Water Elevation	40.15				Ft	Field	

Client ID: MW-8	Lab ID: A103465-05RE1						
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	9670		380	500	ug/L	EPA 6020A	

Client ID: MW-9S	Lab ID: A103465-06						
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	22		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.76		0.00	0.00	mg/L	Field	
Mercury - Total	0.128	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.46	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.73				pH Units	Field	
Sodium - Total	13.0		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	901		0	0	umhos/cm	Field	
Sulfate	74		0.07	5.0	mg/L	EPA 300.0	
Temperature	21.76		0.00	0.00	°C	Field	
Total Dissolved Solids	560		10	10	mg/L	SM18 2540C	
Turbidity	2.50		0.00	0.00	NTU	Field	
Vanadium - Total	3.97	I	1.70	10.0	ug/L	EPA 6020A	



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Client ID: MW-9S		Lab ID: A103465-06					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Water Elevation	39.92				Ft	Field	



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ANALYTICAL RESULTS**Description:** MW-5**Lab Sample ID:** A103465-01**Received:** 07/15/11 15:00**Matrix:** Ground Water**Sampled:** 07/15/11 09:51**Work Order:** A103465**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	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 17:33	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	42	1	50.0	83 %	41-142	1G20015	EPA 8260B	07/20/11 17:33	kat	
Dibromofluoromethane	35	1	50.0	71 %	53-146	1G20015	EPA 8260B	07/20/11 17:33	kat	
Toluene-d8	42	1	50.0	85 %	41-146	1G20015	EPA 8260B	07/20/11 17:33	kat	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-01

Sampled: 07/15/11 09:51

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G14027	EPA 7470A	07/20/11 09:12	IR	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-01

Sampled: 07/15/11 09:51

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Arsenic [7440-38-2] ^	4.72	I	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Iron [7439-89-6] ^	10700		ug/L	5	190	250	1G18004	EPA 6020A	07/20/11 18:50	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Sodium [7440-23-5] ^	4.42		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 18:16	JMA	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-01

Sampled: 07/15/11 09:51

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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] ^	0.60		mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 14:53	ORL-W	
Chloride [16887-00-6] ^	6.2		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 18:48	RSA	
Nitrate as N [14797-55-8] ^	0.052	U	mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 18:48	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	rmm	
Sulfate [14808-79-8] ^	9.0		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 18:48	RSA	
Total Dissolved Solids [ECL-0156] ^	490		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-01

Sampled: 07/15/11 09:51

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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]	0.80		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 09:51	FLD	
pH [ECL-0062]	6.71		pH Units	1			1G14014	Field	07/15/11 09:51	FLD	
Specific Conductance (EC) [ECL-0146]	882		umhos/cm	1	0	0	1G14014	Field	07/15/11 09:51	FLD	
Temperature [ECL-0151]	23.07		°C	1	0.00	0.00	1G14014	Field	07/15/11 09:51	FLD	
Turbidity [ECL-0177]	1.30		NTU	1	0.00	0.00	1G14014	Field	07/15/11 09:51	FLD	
Water Elevation [ECL-0180]	40.17		Ft	1			1G14014	Field	07/15/11 09:51	FLD	



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Description: MW-1

Lab Sample ID: A103465-02

Received: 07/15/11 15:00

Matrix: Ground Water

Sampled: 07/15/11 09:14

Work Order: A103465

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	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 18:06	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 18:06	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	43	1	50.0	85 %	41-142	1G20015	EPA 8260B	07/20/11 18:06	kat	
Dibromofluoromethane	35	1	50.0	71 %	53-146	1G20015	EPA 8260B	07/20/11 18:06	kat	
Toluene-d8	43	1	50.0	85 %	41-146	1G20015	EPA 8260B	07/20/11 18:06	kat	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-02

Sampled: 07/15/11 09:14

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G14027	EPA 7470A	07/20/11 09:15	IR	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-02

Sampled: 07/15/11 09:14

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Arsenic [7440-38-2] ^	20.6		ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Iron [7439-89-6] ^	5870		ug/L	1	38.0	50.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Sodium [7440-23-5] ^	34.2		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-02

Sampled: 07/15/11 09:14

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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] ^	2.9		mg/L	2	0.015	0.040	1G18024	EPA 350.1	07/19/11 15:09	ORL-W	
Chloride [16887-00-6] ^	24		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 19:04	RSA	
Nitrate as N [14797-55-8] ^	0.052	U	mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 19:04	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	rmm	
Sulfate [14808-79-8] ^	150		mg/L	2	0.13	10	1G18011	EPA 300.0	07/18/11 13:29	RSA	
Total Dissolved Solids [ECL-0156] ^	770		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-02

Sampled: 07/15/11 09:14

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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]	0.71		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 09:14	FLD	
pH [ECL-0062]	6.67		pH Units	1			1G14014	Field	07/15/11 09:14	FLD	
Specific Conductance (EC) [ECL-0146]	1207		umhos/cm	1	0	0	1G14014	Field	07/15/11 09:14	FLD	
Temperature [ECL-0151]	23.65		°C	1	0.00	0.00	1G14014	Field	07/15/11 09:14	FLD	
Turbidity [ECL-0177]	2.40		NTU	1	0.00	0.00	1G14014	Field	07/15/11 09:14	FLD	
Water Elevation [ECL-0180]	40.16		Ft	1			1G14014	Field	07/15/11 09:14	FLD	



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Description: MW-6

Lab Sample ID: A103465-03

Received: 07/15/11 15:00

Matrix: Ground Water

Sampled: 07/15/11 10:14

Work Order: A103465

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	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 18:38	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	43	1	50.0	85 %	41-142	1G20015	EPA 8260B	07/20/11 18:38	kat	
Dibromofluoromethane	36	1	50.0	72 %	53-146	1G20015	EPA 8260B	07/20/11 18:38	kat	
Toluene-d8	43	1	50.0	86 %	41-146	1G20015	EPA 8260B	07/20/11 18:38	kat	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-03

Sampled: 07/15/11 10:14

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G14027	EPA 7470A	07/20/11 09:18	IR	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-03

Sampled: 07/15/11 10:14

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Sodium [7440-23-5] ^	5.57		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-03

Sampled: 07/15/11 10:14

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G18024	EPA 350.1	07/19/11 14:55	ORL-W	
Chloride [16887-00-6] ^	3.3	I	mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 19:20	RSA	
Nitrate as N [14797-55-8] ^	1.7		mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 19:20	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	rmm	
Sulfate [14808-79-8] ^	22		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 19:20	RSA	
Total Dissolved Solids [ECL-0156] ^	420		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-03

Sampled: 07/15/11 10:14

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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]	2.85		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 10:14	FLD	
pH [ECL-0062]	6.00		pH Units	1			1G14014	Field	07/15/11 10:14	FLD	
Specific Conductance (EC) [ECL-0146]	726		umhos/cm	1	0	0	1G14014	Field	07/15/11 10:14	FLD	
Temperature [ECL-0151]	22.02		°C	1	0.00	0.00	1G14014	Field	07/15/11 10:14	FLD	
Turbidity [ECL-0177]	3.40		NTU	1	0.00	0.00	1G14014	Field	07/15/11 10:14	FLD	
Water Elevation [ECL-0180]	40.00		Ft	1			1G14014	Field	07/15/11 10:14	FLD	



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Description: MW-7

Lab Sample ID: A103465-04

Received: 07/15/11 15:00

Matrix: Ground Water

Sampled: 07/15/11 11:17

Work Order: A103465

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	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 19:11	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	43	1	50.0	85 %	41-142	1G20015	EPA 8260B	07/20/11 19:11	kat	
Dibromofluoromethane	35	1	50.0	69 %	53-146	1G20015	EPA 8260B	07/20/11 19:11	kat	
Toluene-d8	43	1	50.0	87 %	41-146	1G20015	EPA 8260B	07/20/11 19:11	kat	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-04

Sampled: 07/15/11 11:17

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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] ^	0.0371	I	ug/L	1	0.0230	0.200	1G14027	EPA 7470A	07/20/11 09:21	IR	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-04

Sampled: 07/15/11 11:17

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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] ^	315		ug/L	1	68.0	100	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Iron [7439-89-6] ^	135		ug/L	1	38.0	50.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Sodium [7440-23-5] ^	15.9		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Vanadium [7440-62-2] ^	13.2		ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-04

Sampled: 07/15/11 11:17

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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] ^	0.0073	U	mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 14:59	ORL-W	
Chloride [16887-00-6] ^	9.7		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 19:52	RSA	
Nitrate as N [14797-55-8] ^	11		mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 19:52	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	rmm	
Sulfate [14808-79-8] ^	38		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 19:52	RSA	
Total Dissolved Solids [ECL-0156] ^	580		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-04

Sampled: 07/15/11 11:17

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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]	0.70		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 11:17	FLD	
pH [ECL-0062]	6.63		pH Units	1			1G14014	Field	07/15/11 11:17	FLD	
Specific Conductance (EC) [ECL-0146]	955		umhos/cm	1	0	0	1G14014	Field	07/15/11 11:17	FLD	
Temperature [ECL-0151]	23.30		°C	1	0.00	0.00	1G14014	Field	07/15/11 11:17	FLD	
Turbidity [ECL-0177]	2.40		NTU	1	0.00	0.00	1G14014	Field	07/15/11 11:17	FLD	
Water Elevation [ECL-0180]	38.61		Ft	1			1G14014	Field	07/15/11 11:17	FLD	



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Description: MW-8

Lab Sample ID: A103465-05

Received: 07/15/11 15:00

Matrix: Ground Water

Sampled: 07/15/11 10:47

Work Order: A103465

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	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Benzene [71-43-2] ^	1.3		ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
cis-1,2-Dichloroethene [156-59-2] ^	1.1		ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 19:43	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	42	1	50.0	83 %	41-142	1G20015	EPA 8260B	07/20/11 19:43	kat	
Dibromofluoromethane	34	1	50.0	69 %	53-146	1G20015	EPA 8260B	07/20/11 19:43	kat	
Toluene-d8	42	1	50.0	83 %	41-146	1G20015	EPA 8260B	07/20/11 19:43	kat	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-05

Sampled: 07/15/11 10:47

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G14027	EPA 7470A	07/20/11 09:30	IR	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-05

Sampled: 07/15/11 10:47

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Arsenic [7440-38-2] ^	6.36	I	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Iron [7439-89-6] ^	9670		ug/L	10	380	500	1G18004	EPA 6020A	07/21/11 13:08	JAY	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Sodium [7440-23-5] ^	13.9		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 20:13	JMA	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-05

Sampled: 07/15/11 10:47

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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] ^	0.43		mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 15:00	ORL-W	
Chloride [16887-00-6] ^	18		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 20:08	RSA	
Nitrate as N [14797-55-8] ^	0.052	U	mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 20:08	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	rmm	
Sulfate [14808-79-8] ^	6.7		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 20:08	RSA	
Total Dissolved Solids [ECL-0156] ^	630		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-05

Sampled: 07/15/11 10:47

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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]	0.96		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 10:47	FLD	
pH [ECL-0062]	6.49		pH Units	1			1G14014	Field	07/15/11 10:47	FLD	
Specific Conductance (EC) [ECL-0146]	1128		umhos/cm	1	0	0	1G14014	Field	07/15/11 10:47	FLD	
Temperature [ECL-0151]	23.83		°C	1	0.00	0.00	1G14014	Field	07/15/11 10:47	FLD	
Turbidity [ECL-0177]	1.50		NTU	1	0.00	0.00	1G14014	Field	07/15/11 10:47	FLD	
Water Elevation [ECL-0180]	40.15		Ft	1			1G14014	Field	07/15/11 10:47	FLD	



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Description: MW-9S

Lab Sample ID: A103465-06

Received: 07/15/11 15:00

Matrix: Ground Water

Sampled: 07/15/11 08:47

Work Order: A103465

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	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 20:14	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	43	1	50.0	85 %	41-142	1G20015	EPA 8260B	07/20/11 20:14	kat	
Dibromofluoromethane	35	1	50.0	70 %	53-146	1G20015	EPA 8260B	07/20/11 20:14	kat	
Toluene-d8	42	1	50.0	84 %	41-146	1G20015	EPA 8260B	07/20/11 20:14	kat	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-06

Sampled: 07/15/11 08:47

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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] ^	0.128	I	ug/L	1	0.0230	0.200	1G14027	EPA 7470A	07/20/11 09:33	IR	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-06

Sampled: 07/15/11 08:47

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Sodium [7440-23-5] ^	13.0		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Vanadium [7440-62-2] ^	3.97	I	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-06

Sampled: 07/15/11 08:47

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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] ^	0.0073	U	mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 15:01	ORL-W	
Chloride [16887-00-6] ^	22		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 20:40	RSA	
Nitrate as N [14797-55-8] ^	0.46	I	mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 20:40	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	rmm	
Sulfate [14808-79-8] ^	74		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 20:40	RSA	
Total Dissolved Solids [ECL-0156] ^	560		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A103465-06

Sampled: 07/15/11 08:47

Sampled By: Chris Monaco

Received: 07/15/11 15:00

Work Order: A103465

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]	0.76		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 08:47	FLD	
pH [ECL-0062]	6.73		pH Units	1			1G14014	Field	07/15/11 08:47	FLD	
Specific Conductance (EC) [ECL-0146]	901		umhos/cm	1	0	0	1G14014	Field	07/15/11 08:47	FLD	
Temperature [ECL-0151]	21.76		°C	1	0.00	0.00	1G14014	Field	07/15/11 08:47	FLD	
Turbidity [ECL-0177]	2.50		NTU	1	0.00	0.00	1G14014	Field	07/15/11 08:47	FLD	
Water Elevation [ECL-0180]	39.92		Ft	1			1G14014	Field	07/15/11 08:47	FLD	



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Description: TRIP BLANK

Lab Sample ID: A103465-07

Received: 07/15/11 15:00

Matrix: Ground Water

Sampled: 07/15/11 00:00

Work Order: A103465

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	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 20:46	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	42	1	50.0	84 %	41-142	1G20015	EPA 8260B	07/20/11 20:46	kat	
Dibromofluoromethane	35	1	50.0	69 %	53-146	1G20015	EPA 8260B	07/20/11 20:46	kat	
Toluene-d8	42	1	50.0	85 %	41-146	1G20015	EPA 8260B	07/20/11 20:46	kat	

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 1G20015 - EPA 5030B_MS

Blank (1G20015-BLK1)

Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 14:49

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							
Surrogate: 4-Bromofluorobenzene	41			ug/L	50.0		82	41-142			
Surrogate: Dibromofluoromethane	34			ug/L	50.0		69	53-146			
Surrogate: Toluene-d8	42			ug/L	50.0		83	41-146			

LCS (1G20015-BS1)

Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 12:41

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0		83	65-144			
Benzene	22		1.0	ug/L	20.0		108	73-138			
Chlorobenzene	19		1.0	ug/L	20.0		95	77-127			
Toluene	20		1.0	ug/L	20.0		100	71-123			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1G20015 - EPA 5030B_MS

LCS (1G20015-BS1) Continued

Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 12:41

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	22		1.0	ug/L	20.0		111	83-133			
Surrogate: 4-Bromofluorobenzene	39			ug/L	50.0		77	41-142			
Surrogate: Dibromofluoromethane	35			ug/L	50.0		70	53-146			
Surrogate: Toluene-d8	43			ug/L	50.0		85	41-146			

Matrix Spike (1G20015-MS1)

Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 13:13

Source: A103347-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.94 U	92	65-144			
Benzene	25		1.0	ug/L	20.0	0.58 U	125	73-138			
Chlorobenzene	24		1.0	ug/L	20.0	0.51 U	119	77-127			
Toluene	25		1.0	ug/L	20.0	0.58 U	126	71-123			QM-07
Trichloroethene	26		1.0	ug/L	20.0	0.55 U	129	83-133			
Surrogate: 4-Bromofluorobenzene	44			ug/L	50.0		88	41-142			
Surrogate: Dibromofluoromethane	34			ug/L	50.0		67	53-146			
Surrogate: Toluene-d8	43			ug/L	50.0		86	41-146			

Matrix Spike Dup (1G20015-MSD1)

Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 13:45

Source: A103347-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.94 U	98	65-144	6	16	
Benzene	24		1.0	ug/L	20.0	0.58 U	122	73-138	2	14	
Chlorobenzene	24		1.0	ug/L	20.0	0.51 U	120	77-127	0.8	13	
Toluene	25		1.0	ug/L	20.0	0.58 U	126	71-123	0.3	16	QM-07
Trichloroethene	25		1.0	ug/L	20.0	0.55 U	127	83-133	2	20	
Surrogate: 4-Bromofluorobenzene	43			ug/L	50.0		85	41-142			
Surrogate: Dibromofluoromethane	34			ug/L	50.0		68	53-146			
Surrogate: Toluene-d8	42			ug/L	50.0		83	41-146			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1G14027 - EPA 7470A

Blank (1G14027-BLK1)

Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:25

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

LCS (1G14027-BS1)

Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:28

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.35		0.200	ug/L	5.00		107	85-115			

Matrix Spike (1G14027-MS1)

Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:35

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1G14027 - EPA 7470A

Matrix Spike (1G14027-MS1) Continued

Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:35

Source: A103679-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.48		0.200	ug/L	5.00	0.0230 U	110	85-115			

Matrix Spike Dup (1G14027-MSD1)

Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:38

Source: A103679-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.44		0.200	ug/L	5.00	0.0230 U	109	85-115	0.7	10	

Post Spike (1G14027-PS1)

Prepared: 07/20/2011 06:00 Analyzed: 07/20/2011 08:41

Source: A103679-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.97		0.200	ug/L	5.61	-0.0151	89	0-200			

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

Batch 1G18004 - EPA 3005A

Blank (1G18004-BLK1)

Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 17:53

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	68.0	U	100	ug/L							
Antimony	0.950	U	20.0	ug/L							
Arsenic	4.10	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	0.410	U	1.00	ug/L							
Vanadium	1.70	U	10.0	ug/L							

Blank (1G18004-BLK2)

Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	6.80	U	10.0	ug/L							
Antimony	0.0950	U	2.00	ug/L							
Arsenic	0.410	U	1.00	ug/L							
Cadmium	0.110	U	0.300	ug/L							
Chromium	0.450	U	1.00	ug/L							
Iron	3.80	U	5.00	ug/L							
Lead	0.160	U	0.500	ug/L							
Sodium	0.0320	U	0.100	mg/L							
Thallium	0.0410	U	0.100	ug/L							
Vanadium	0.170	U	1.00	ug/L							

QUALITY CONTROL

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

Batch 1G18004 - EPA 3005A

LCS (1G18004-BS1)

Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:08

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1060		100	ug/L	1000		106	80-120			
Antimony	51.0		20.0	ug/L	50.0		102	80-120			
Arsenic	508		10.0	ug/L	500		102	80-120			
Cadmium	50.6		3.00	ug/L	50.0		101	80-120			
Chromium	532		10.0	ug/L	500		106	80-120			
Iron	1090		50.0	ug/L	1000		109	80-120			
Lead	509		5.00	ug/L	500		102	80-120			
Sodium	26.5		1.00	mg/L	25.0		106	80-120			
Thallium	50.8		1.00	ug/L	50.0		102	80-120			
Vanadium	504		10.0	ug/L	500		101	80-120			

Matrix Spike (1G18004-MS1)

Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:24

Source: A103465-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1020		100	ug/L	1000	68.0 U	102	75-125			
Antimony	50.3		20.0	ug/L	50.0	0.950 U	101	75-125			
Arsenic	522		10.0	ug/L	500	4.72	104	75-125			
Cadmium	50.2		3.00	ug/L	50.0	1.10 U	100	75-125			
Chromium	530		10.0	ug/L	500	4.50 U	106	75-125			
Iron	11200	L	50.0	ug/L	1000	10700	49	75-125			QM-02, QM-07, QM
Lead	510		5.00	ug/L	500	1.60 U	102	75-125			
Sodium	30.6		1.00	mg/L	25.0	4.42	105	75-125			
Thallium	50.8		1.00	ug/L	50.0	0.410 U	102	75-125			
Vanadium	505		10.0	ug/L	500	1.70 U	101	75-125			

Matrix Spike Dup (1G18004-MSD1)

Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:33

Source: A103465-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1050		100	ug/L	1000	68.0 U	105	75-125	3	20	
Antimony	52.2		20.0	ug/L	50.0	0.950 U	104	75-125	4	20	
Arsenic	518		10.0	ug/L	500	4.72	103	75-125	0.9	20	
Cadmium	50.5		3.00	ug/L	50.0	1.10 U	101	75-125	0.5	20	
Chromium	536		10.0	ug/L	500	4.50 U	107	75-125	1	20	
Iron	11200	L	50.0	ug/L	1000	10700	54	75-125	0.4	20	QM-02, QM-07, QM
Lead	513		5.00	ug/L	500	1.60 U	103	75-125	0.7	20	
Sodium	31.0		1.00	mg/L	25.0	4.42	106	75-125	1	20	
Thallium	51.3		1.00	ug/L	50.0	0.410 U	103	75-125	0.9	20	
Vanadium	506		10.0	ug/L	500	1.70 U	101	75-125	0.1	20	

Post Spike (1G18004-PS1)

Prepared: 07/20/2011 12:00 Analyzed: 07/20/2011 18:41

Source: A103465-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	96.8		10.0	ug/L	98.0	-0.109	99	80-120			
Antimony	4.93		2.00	ug/L	4.90	0.0475	100	80-120			

QUALITY CONTROL

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

Batch 1G18004 - EPA 3005A

Post Spike (1G18004-PS1) Continued

Prepared: 07/20/2011 12:00 Analyzed: 07/20/2011 18:41

Source: A103465-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	50.0		1.00	ug/L	49.0	0.463	101	80-120			
Cadmium	4.92		0.300	ug/L	4.90	-0.00755	101	80-120			
Chromium	51.5		1.00	ug/L	49.0	-0.254	106	80-120			
Iron	1110	L	5.00	ug/L	98.0	1050	64	80-120			E, QM-08
Lead	50.0		0.500	ug/L	49.0	-0.0987	102	80-120			
Sodium	3020		100	ug/L	2450	433	106	80-120			
Thallium	4.90		0.100	ug/L	4.90	-0.0403	101	80-120			
Vanadium	48.9		1.00	ug/L	49.0	-0.145	100	80-120			

Batch AA15845 - 1G12014

Serial Dilution (AA15845-SRD2)

Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:58

Source: A103465-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	10200		500	ug/L		10700			5		

Classical Chemistry Parameters - Quality Control

Batch 1G15005 - NO PREP

Blank (1G15005-BLK1)

Prepared: 07/15/2011 07:00 Analyzed: 07/15/2011 07:55

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 (1G15005-BS1)

Prepared: 07/15/2011 07:00 Analyzed: 07/15/2011 08:11

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	51		5.0	mg/L	50.0		101	90-110			
Nitrate as N	9.7		1.0	mg/L	10.0		97	90-110			
Sulfate	50		5.0	mg/L	50.0		100	90-110			

Matrix Spike (1G15005-MS1)

Prepared: 07/15/2011 15:54 Analyzed: 07/15/2011 16:44

Source: A103842-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	59		5.0	mg/L	50.0	7.6	103	90-110			
Nitrate as N	10		1.0	mg/L	10.0	0.052 U	100	90-110			
Sulfate	53		5.0	mg/L	50.0	2.1	101	90-110			

Matrix Spike Dup (1G15005-MSD1)

Prepared: 07/15/2011 15:54 Analyzed: 07/15/2011 17:00

Source: A103842-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1G15005 - NO PREP

Matrix Spike Dup (1G15005-MSD1) Continued

Prepared: 07/15/2011 15:54 Analyzed: 07/15/2011 17:00

Source: A103842-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	57		5.0	mg/L	50.0	7.6	100	90-110	3	10	
Nitrate as N	9.7		1.0	mg/L	10.0	0.052 U	97	90-110	3	10	
Sulfate	51		5.0	mg/L	50.0	2.1	98	90-110	3	10	

Batch 1G18011 - NO PREP

Blank (1G18011-BLK1)

Prepared: 07/18/2011 12:21 Analyzed: 07/18/2011 12:41

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	0.07	U	5.0	mg/L							

LCS (1G18011-BS1)

Prepared: 07/18/2011 12:21 Analyzed: 07/18/2011 12:57

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	50		5.0	mg/L	50.0		99	90-110			

Matrix Spike (1G18011-MS1)

Prepared: 07/18/2011 12:21 Analyzed: 07/18/2011 15:05

Source: A103602-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	57		5.0	mg/L	50.0	6.3	102	90-110			

Matrix Spike Dup (1G18011-MSD1)

Prepared: 07/18/2011 12:21 Analyzed: 07/18/2011 15:21

Source: A103602-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	55		5.0	mg/L	50.0	6.3	98	90-110	3	10	

Batch 1G18024 - NO PREP

Blank (1G18024-BLK1)

Prepared: 07/18/2011 12:28 Analyzed: 07/19/2011 13:57

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							

LCS (1G18024-BS1)

Prepared: 07/18/2011 12:28 Analyzed: 07/19/2011 14:04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.95		0.020	mg/L	1.00		95	90-110			

Matrix Spike (1G18024-MS1)

Prepared: 07/18/2011 12:28 Analyzed: 07/19/2011 14:07

Source: A103288-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.78		0.020	mg/L	1.00	0.0073 U	78	90-110			QM-07

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1G18024 - NO PREP

Matrix Spike Dup (1G18024-MSD1)

Prepared: 07/18/2011 12:28 Analyzed: 07/19/2011 14:08

Source: A103288-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.79		0.020	mg/L	1.00	0.0073 U	79	90-110	2	10	QM-07

Batch 1G19006 - NO PREP

Blank (1G19006-BLK1)

Prepared: 07/19/2011 09:59 Analyzed: 07/20/2011 15:50

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	23	U	50	ug/L							

LCS (1G19006-BS1)

Prepared: 07/19/2011 09:59 Analyzed: 07/20/2011 15:50

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	540		50	ug/L	500		108	78-110			

Matrix Spike (1G19006-MS1)

Prepared: 07/19/2011 09:59 Analyzed: 07/20/2011 15:50

Source: A103465-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	520		50	ug/L	500	23 U	104	78-110			

Matrix Spike Dup (1G19006-MSD1)

Prepared: 07/19/2011 09:59 Analyzed: 07/20/2011 15:50

Source: A103465-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	520		50	ug/L	500	23 U	103	78-110	0.7	10	

Batch 1G19020 - NO PREP

Blank (1G19020-BLK1)

Prepared: 07/19/2011 16:20 Analyzed: 07/20/2011 22:53

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 (1G19020-BS1)

Prepared: 07/19/2011 16:20 Analyzed: 07/20/2011 22:53

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 (1G19020-DUP1)

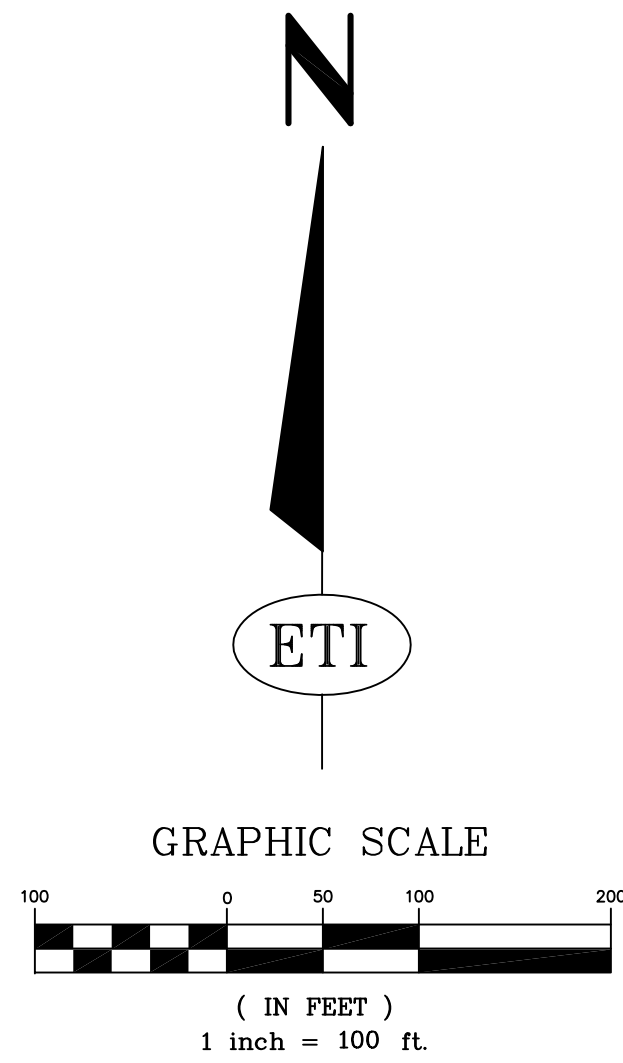
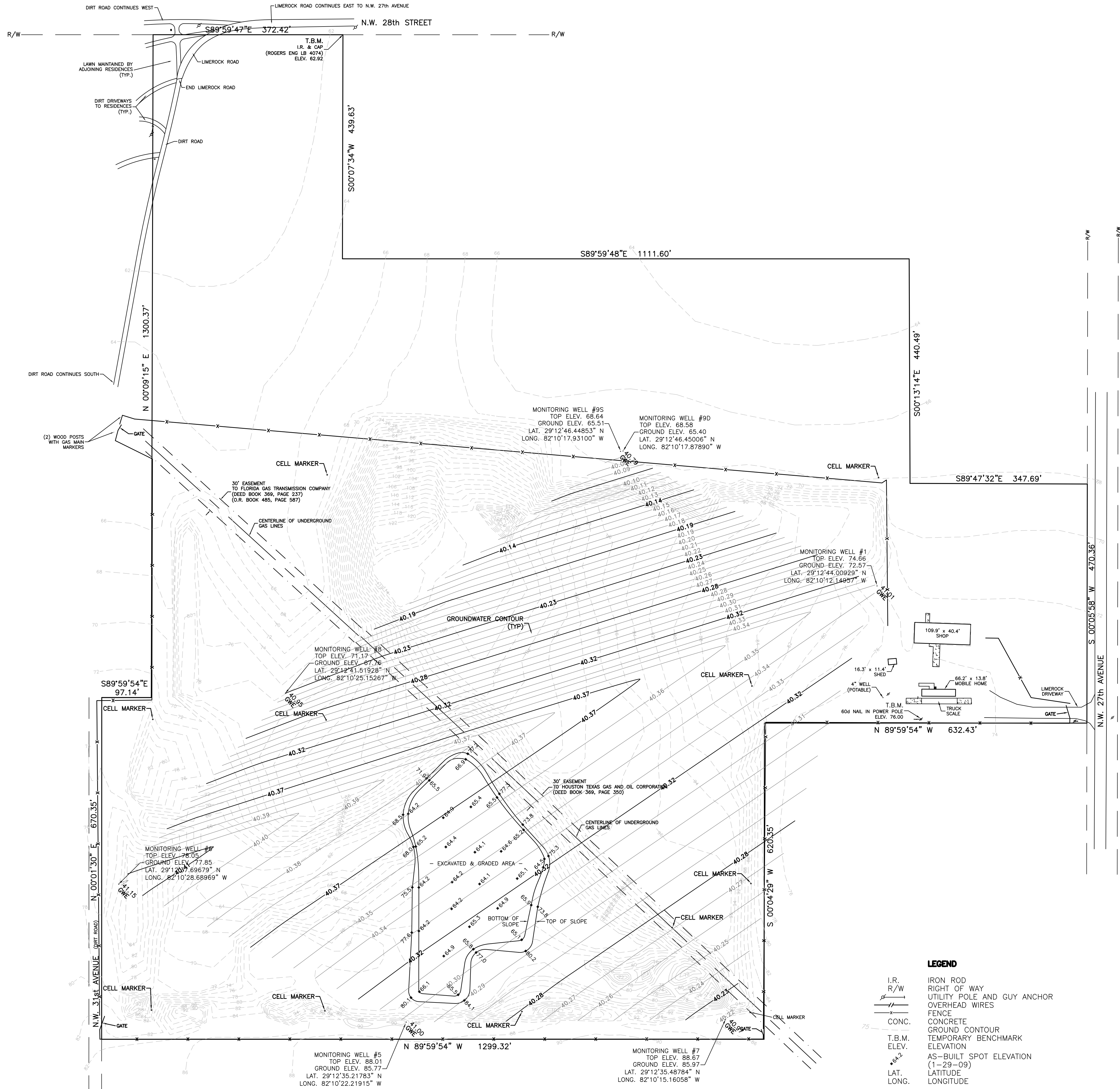
Prepared: 07/19/2011 16:20 Analyzed: 07/20/2011 22:53

Source: A103223-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	1800		10	mg/L		1800			0.4	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.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-08	Post-digestion spike did not meet method requirements due to confirmed matrix effects (dilution test).
QM-17	Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample.



- NOTES:**
1. THE BOUNDARY INFORMATION SHOWN HEREON IS BASED ON PREVIOUS BOUNDARY SURVEYS AND SKETCH OF LEGAL DESCRIPTIONS, PREPARED BY THIS FIRM FOR FRIENDS RECYCLING, L.L.C.
 2. ELEVATIONS AND CONTOURS SHOWN HEREON ARE BASED ON N.G.V.D. DATUM; CITY OF OCALA BM @ N.W. 27th AVENUE AND N.W. 18th STREET; ELEVATION 69.47 (NAVD-88).
 3. ORIGINAL FIELD SURVEY DATE: 12-03-07;
FIELD SURVEY DATE OF RELOCATED MONITORING WELLS: 8-04-08;
FIELD SURVEY DATE OF EXCAVATED & GRADED AREA: 1-29-09.
 4. THE TOP ELEVATION OF THE MONITORING WELLS, AS SHOWN HEREON, REPRESENT THE ELEVATION OF THE TOP OF THE WELL CASING ON THE NORTH EDGE. THE GROUND ELEVATION REPRESENTS THE ELEVATION OF THE GROUND, NEXT TO THE WELL CASING ON THE NORTH SIDE.
 5. CONTOURS WITHIN THE TOP & BOTTOM OF SLOPE AND WITHIN THE EXCAVATED & GRADED AREA WERE NOT SHOWN FOR CLARITY.

SURVEY PREPARED BY:
ROBERT L. ROGERS ENGINEERING CO. INC.
LIC. BUS. #4074
1105 S.E. 3rd Ave. OCALA, FLORIDA 34471 (352) 622-9214

- LEGEND**
- I.R. IRON ROD
 - R/W RIGHT OF WAY
 - UTILITY POLE AND GUY ANCHOR
 - OVERHEAD WIRES
 - FENCE
 - CONC. CONCRETE
 - GROUND CONTOUR
 - TEMPORARY BENCHMARK
 - ELEVATION
 - AS-BUILT SPOT ELEVATION (1-29-09)
 - LAT. LATITUDE
 - LONG. LONGITUDE

ROBERT M. COUCH III, P.E. :
FLORIDA REG. No. 55311
DATE :
C.O.A. No. 8692

REVISIONS			
PLOTTED:	RMC-3	N/A	N/A
DRAWN:	RMC-3	N/A	N/A
DESIGNED:	RMC-3	N/A	N/A
CHECKED:	RMC-3	N/A	N/A
SCALE:	1" = 100'		
GROUNDWATER CONTOURS			
FRIENDS RECYCLING, LLC.			
MARION COUNTY, FLORIDA			
ENVIRONMENTAL & CIVIL ENGINEERING CONSULTANTS		PHONE: (352) 694-1799 FAX: (866) 832-0250	
ENVIRONMENTAL		15290 SE HWY 42, PO BOX 152 WEIRSDALE, FLORIDA 32195	
SITE PLAN		P.N. 2009-	
		Sht. 1 of 1	