

SEMI-ANNUAL MONITORING REPORT

FIRST 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

February 2, 2011



February 2, 2011

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the First 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 first 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 January 14, 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 January 14, 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	3.0	2.8	mg/L	EPA 350.1
Iron - Total	6390	300	ug/L	EPA 6020
Arsenic - Total	0.0232	0.010	mg/L	EPA 6020
Total Dissolved Solids	840	500	mg/L	SM182540C

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	9470	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	417	200	ug/L	EPA 6020A
Iron - Total	309	300	ug/L	EPA 6020
Total Dissolved Solids	580	500	mg/L	SM18 2540C

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	9990	300	ug/L	EPA 6020
Total Dissolved Solids	660	500	mg/L	SM18 2540C

MW-9S

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	590	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, MW-7 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.

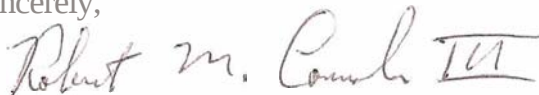
Ammonia as N and Sulfate were lower and Arsenic was higher in **MW-1**, and Total Aluminum was below GTCLs in MW-6. In addition, Total Dissolved Solids in all monitoring wells except for **MW-5** and MW-6 sampled were higher than GTCLs for this sampling event. All of the higher concentrations are expected 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,

A handwritten signature in cursive script that reads "Robert M. Couch III".

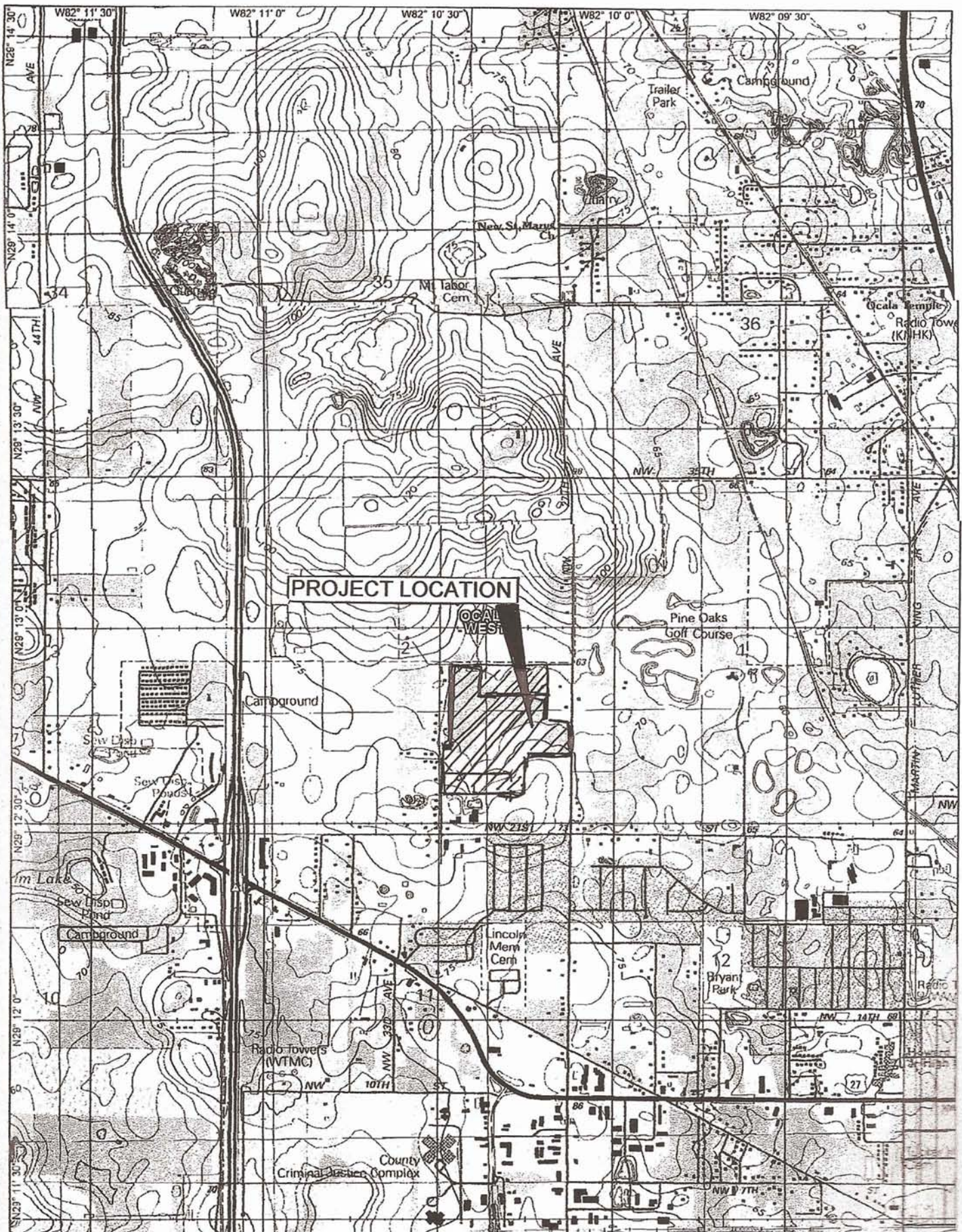
Robert M. Couch III, P.E.

President

ENVIRO-TECH, Inc.

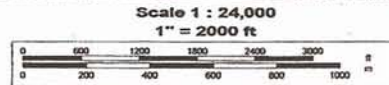
Cc: Gloria Jean **DePradine**- Florida Department of Environmental Protection

APPENDIX



DELOME

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www.delorme.com



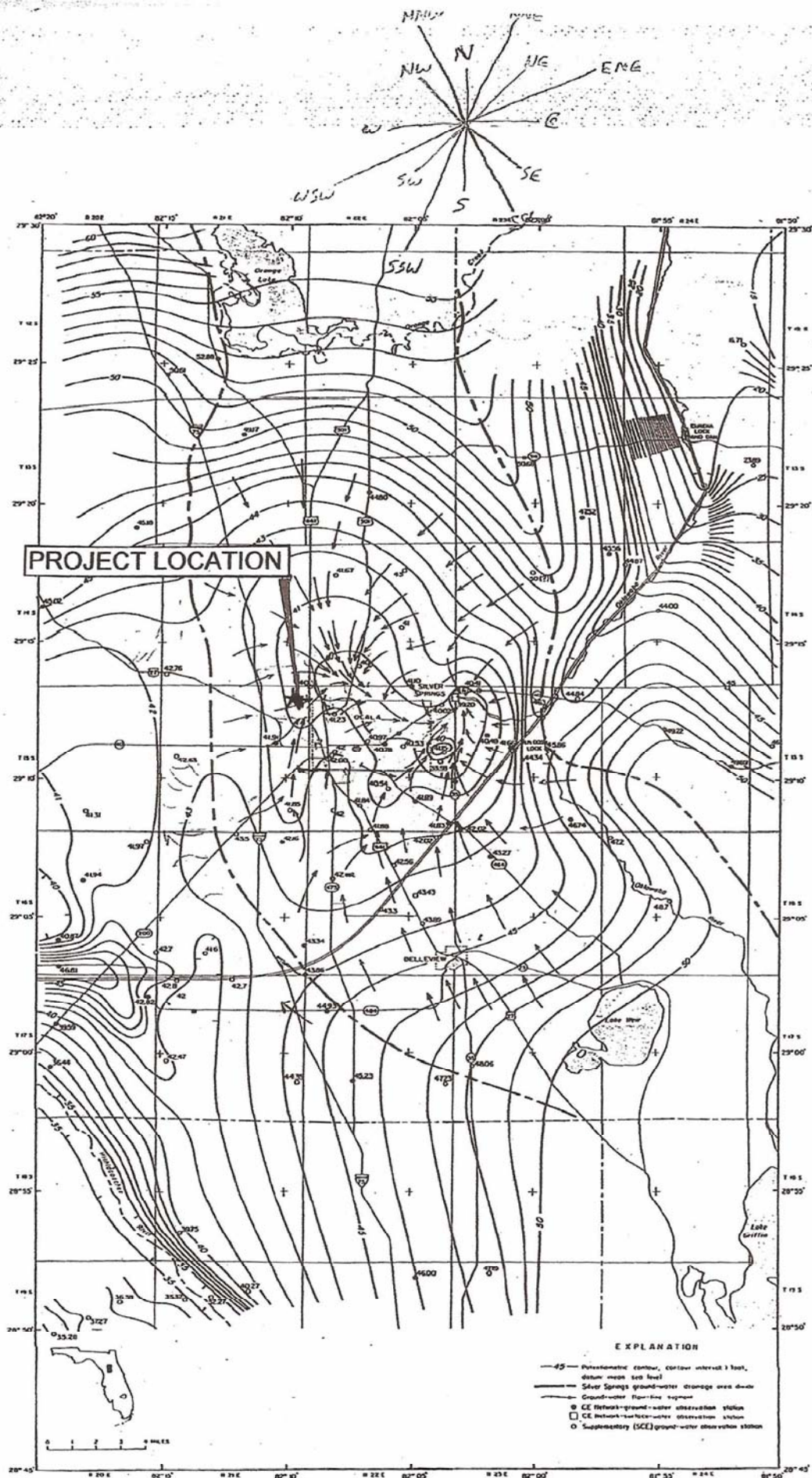


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

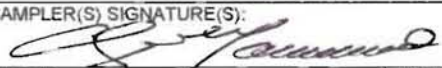
Form FD 9000-24

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-1		WACS_WELL: 18811	DATE: 01/14/11

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1311		SAMPLING ENDED AT: 1320	
PUMP OR TUBING DEPTH IN WELL (feet): 34.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N				TUBING Y ☒ (replaced)			DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-1	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100	
MW-1	1	PE	250mL	HNO ₃	None	< 2	Metals	ESP	≈ 1135	
MW-1	1	AG	250mL	H ₂ SO ₄	None	< 2	Ammonia (350.1) Phenols	ESP	≈ 1135	
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135	
REMARKS:										
DTW = 33.65 Reference Elevation = 74.66 GWTE = 41.01 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 = Bailor; 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-5		WACS_WELL: 22912	
		DATE: 01 / 14 / 11	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

REMARKS:

DTW = 47.01 Reference Elevation = 88.01 GWTE = 41.00 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: 01/14/11

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

REMARKS:

DTW = 36.90 Reference Elevation = 78.05 GWTE = 41.15 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

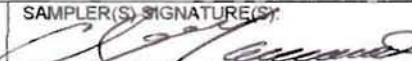
Form FD 9000-24

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-7		WACS_WELL: 22914	DATE: 01/14/11

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 0934		SAMPLING ENDED AT: 0945	
PUMP OR TUBING DEPTH IN WELL (feet): 50.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐ TUBING Y ☒ (replaced)							DUPLICATE: Y ☐ N ☒			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-7	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)		ESP	≈ 100
MW-7	1	PE	250mL	HNO ₃	None	< 2	Metals		ESP	≈ 1135
MW-7	1	AG	250mL	H ₂ SO ₄	None	< 2	Ammonia (350.1) Phenols		ESP	≈ 1135
MW-7	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP	≈ 1135
REMARKS: water table is down 2' from last event had to wait for NTU to clear prior to starting stabilization readings										
DTW = 47.70 Reference Elevation = 88.67				GWTE = 40.97		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 = Bailor; 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-8		WACS_WELL: 22915	DATE: 01/14/11

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1152		SAMPLING ENDED AT: 1200	
PUMP OR TUBING DEPTH IN WELL (feet): 31.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐ Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐				TUBING Y ☒ (replaced)			DUPLICATE: Y ☐ N ☒			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-8	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)		ESP	≈ 100
MW-8	1	PE	250mL	HNO ₃	None	< 2	Metals		ESP	≈ 1135
MW-8	1	AG	250mL	H ₂ SO ₄	None	< 2	Ammonia (350.1) Phenols		ESP	≈ 1135
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP	≈ 1135
REMARKS:										
DTW = 30.22 Reference Elevation = 71.17 GWTE = 40.95 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 = Bailor; 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 $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

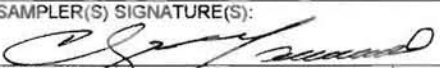
Form FD 9000-24

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-95		WACS_WELL: 22916	
		DATE: 01 / 14 / 11	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1240		SAMPLING ENDED AT: 1248	
PUMP OR TUBING DEPTH IN WELL (feet): 29.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐ Filtration Equipment Type:		FILTER SIZE: ____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐				TUBING Y ☒ (replaced)			DUPLICATE: Y ☐ N ☒			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-9S	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	= 100	
MW-9S	1	PE	250mL	HNO ₃	None	< 2	Metals	ESP	≈ 1135	
MW-9S	1	AG	250mL	H ₂ SO ₄	None	< 2	Ammonia (350.1) Phenols	ESP	≈ 1135	
MW-9S	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135	
REMARKS:										
DTW = 27.85 Reference Elevation = 68.64 GWTE = 40.79 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 = Bailor; 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: $\pm 0.2^\circ\text{C}$ 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



CALIBRATION LOG

ITS Work Order Number: FRL-05-011411CLIENT: Friends RecyclingADDRESS: 2350 NW 27th Ave.CITY, STATE: Ocala, FL 34475Site: Friends Recycling C&D LandfillSTART CAL DATE @ TIME: 01/14/11 @ 0730END CALIBRATION DATE @ TIME: 01/14/11 @ 1700

Page 1 of 1

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 3.13

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 TEMP READING		LOT NUMBER	DATE PERFORMED (Quarterly)
	START	END					LOW	HIGH		
4.01	4.01	4.00	✓	2004187	May-12					
7.00	7.00	7.00	7.01	2004590	Apr-12	LOW 4.20	4.24		NA	01/02/11
10.00	9.98	9.99	✓	2912603	Jun-11	HIGH 31.22		31.27		06/21/10
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						Conductivity Sensor Per DEP-SOP-001/01 FT 1200				
STANDARD (ppm)	METER READING		LOT NUMBER	EXPIRATION DATE	STANDARD "mhos	METER READING		LOT NUMBER	EXPIRATION DATE	
	START	END				START	END			
0.00	0.26	0.27	2005203	May-11						
fresh air @					8,974	NM	NM	9AG154	Jul-10	
20.61 °C	8.99				2,764	2.764	2.770	2005407	May-11	
22.41 °C		8.68			447	NM	NM	NA	NA	
					84	84	85	2005073	May-11	
Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by Oakton.						8,974 standard prepared by USA Blue Book. 2,764 and 84 prepared by Oakton. All standards are potassium chloride solutions.				
ORP Sensor Per DEP-SOP-001/01 FT 2100						Notes: NA - not applicable NM - not measured Form Rev 3.13 on 01/02/11: Updated TEMP. verification				
STANDARD (mV)	METER READING		LOT NUMBER	EXPIRATION DATE						
	START	END								
200 @ 25°C	NM	NM	9AH048	Feb-10						
Standard is ORP solution +/- 5% @ 25°C, prepared by USA Blue Book										
HF SCIENTIFIC DTR-15CE TURBIDITY METER - MODEL # 19057 S/N 910285 DEP-SOP-001/01 FT 1600 (ITSNTU # 1)						Remarks: <u>50-55°F @ 1/14/11</u>				
STANDARD (ntu)	METER READING		LOT NUMBER	EXPIRATION DATE	Weather Conditions: <u>60-65°F Clear Sunny</u>					
	START	END			Equipment Blank with D.I. water					
1000	NM	NM	See Below	Jan-11	Zephyr Hills brand Lot #090710250WP233075598					
100	100	100	See Below	Jan-11	Exp Date 09/07/12					
10	10	10	See Below	Jan-11	Equipment Blank Data - Collected @ <u>None Collected</u>					
0.02	0.02	0.02	See Below	Jan-11	pH = <u>✓</u> Cond = <u>✓</u>					
Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Lot# 90794						Temp = <u>✓</u> D.O. = <u>✓</u>				
						Turbidity = <u>✓</u>				

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 GiumarelliSIGNED: Chris Monaco or Karen LeBeau



Nick Guimarelli
Friends Recycling
2350 NW 27th Ave.
Ocala, Florida 34475
Subject: Calibration Log QA

Date: 01/16/11

Dear Mr. Guimarelli,

This letter will serve as notification that Ideal Tech Services, Inc. (ITS) has found a consistent error found on all calibration logs submitted to our clients since the start of the new year 01/01/11. The error which only appears on the calibration log for ITS-YSI-2 relates to our failure to electronically update the date for the TEMP. High Range verification.

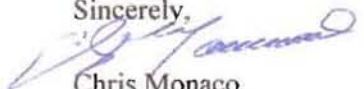
The following projects have been effected, they are included in the table below.

Site Name	ITS Work Order Number
Friends Recycling	FRL-05

Our corrective action with regard to electronic files will be for the person who made the change to save and close the file, then a second person will open the saved file for review. When the electronic review is complete, a copy will be printed and at least one reviewer will initial and date the printed copy and then that QA copy will be filed for future reference.

We do apologize for any inconvenience this may have caused you.

Sincerely,


Chris Monaco
Ideal Tech Services, Inc.

P.O. BOX 772016
Ocala, Florida 34477
Telephone: (352) 502-3407
Facsimile: (352) 732-5572
Email: idealtechservices@earthlink.net

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



www.encolabs.com

Monday, January 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: A007082

Dear Nick Giunarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, January 14, 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 that reads "Marcia Colon". The signature is written in a cursive, flowing style.

Marcia Colon

Project Manager

Enclosure(s)



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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID:	MW-5	Lab ID: A007082-01				Sampled: 01/14/11 10:27		Received: 01/14/11 16:35	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0	01/16/11	10:27		01/14/11	16:45	1/15/2011	06:57		
EPA 300.0	02/11/11			01/14/11	16:45	1/15/2011	06:57		
EPA 350.1	02/11/11			01/17/11	14:18	1/17/2011	15:06		
EPA 420.1	02/11/11			01/20/11	12:21	1/20/2011	18:34		
EPA 6020A	07/13/11			01/19/11	10:55	1/19/2011	16:17		
EPA 7470A	02/11/11			01/18/11	14:20	1/19/2011	08:49		
EPA 8260B	01/28/11			01/18/11	13:28	1/18/2011	15:34		
Field	01/14/11	10:41		01/14/11	10:27	1/14/2011	10:27		
Field	01/15/11	10:27	01/15/11 10:27	01/14/11	10:27	1/14/2011	10:27		
Field	01/16/11	10:27		01/14/11	10:27	1/14/2011	10:27		
SM18 2540C	01/21/11			01/15/11	06:25	1/16/2011	10:25		

Client ID:	MW-1	Lab ID: A007082-02				Sampled: 01/14/11 13:20		Received: 01/14/11 16:35	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)			Analysis Date/Time(s)		
EPA 300.0	01/16/11	13:20		01/14/11	16:45		1/15/2011	07:14	
EPA 300.0	02/11/11			01/14/11	16:45		1/15/2011	07:14	
EPA 350.1	02/11/11			01/17/11	14:18		1/17/2011	15:10	
EPA 420.1	02/11/11			01/20/11	12:21		1/20/2011	18:34	
EPA 6020A	07/13/11			01/19/11	10:55		1/19/2011	13:51	
EPA 7470A	02/11/11			01/18/11	14:20		1/19/2011	08:27	
EPA 8260B	01/28/11			01/18/11	13:28		1/18/2011	16:05	
Field	01/14/11	13:34		01/14/11	13:20		1/14/2011	13:20	
Field	01/15/11	13:20	01/15/11 13:20	01/14/11	13:20		1/14/2011	13:20	
Field	01/16/11	13:20		01/14/11	13:20		1/14/2011	13:20	
SM18 2540C	01/21/11			01/15/11	06:25		1/16/2011	10:25	

Client ID: MW-1		Lab ID: A007082-02RE1		Sampled: 01/14/11 13:20		Received: 01/14/11 16:35	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	02/11/11		01/17/11 13:10		1/17/2011 15:31		

Client ID: MW-6		Lab ID: A007082-03			Sampled: 01/14/11 11:35		Received: 01/14/11 16:35	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	01/16/11	11:35		01/14/11	16:45	1/15/2011	07:32	
EPA 300.0	02/11/11			01/14/11	16:45	1/15/2011	07:32	
EPA 350.1	02/11/11			01/17/11	14:18	1/17/2011	15:00	
EPA 420.1	02/11/11			01/20/11	12:21	1/20/2011	18:34	
EPA 6020A	07/13/11			01/19/11	10:55	1/19/2011	16:24	
EPA 7470A	02/11/11			01/18/11	14:20	1/19/2011	08:52	
EPA 8260B	01/28/11			01/18/11	13:28	1/18/2011	16:35	
Field	01/14/11	11:49		01/14/11	11:35	1/14/2011	11:35	
Field	01/15/11	11:35	01/15/11 11:35	01/14/11	11:35	1/14/2011	11:35	
Field	01/16/11	11:35		01/14/11	11:35	1/14/2011	11:35	
SM18 2540C	01/21/11			01/15/11	06:25	1/16/2011	10:25	



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Client ID: MW-7		Lab ID: A007082-04		Sampled: 01/14/11 09:45		Received: 01/14/11 16:35	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/16/11	09:45		01/14/11	16:45	1/15/2011	07:50
EPA 300.0	02/11/11			01/14/11	16:45	1/15/2011	07:50
EPA 350.1	02/11/11			01/17/11	14:18	1/17/2011	15:01
EPA 420.1	02/11/11			01/17/11	09:56	1/17/2011	15:15
EPA 6020A	07/13/11			01/19/11	10:55	1/19/2011	17:13
EPA 7470A	02/11/11			01/18/11	14:20	1/19/2011	08:55
EPA 8260B	01/28/11			01/18/11	13:28	1/18/2011	17:04
Field	01/14/11	09:59		01/14/11	09:45	1/14/2011	09:45
Field	01/15/11	09:45	01/15/11 09:45	01/14/11	09:45	1/14/2011	09:45
Field	01/16/11	09:45		01/14/11	09:45	1/14/2011	09:45
SM18 2540C	01/21/11			01/15/11	06:25	1/16/2011	10:25

Client ID: MW-8		Lab ID: A007082-05		Sampled: 01/14/11 12:00		Received: 01/14/11 16:35	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/16/11	12:00		01/14/11	16:45	1/15/2011	08:08
EPA 300.0	02/11/11			01/14/11	16:45	1/15/2011	08:08
EPA 350.1	02/11/11			01/17/11	14:18	1/17/2011	15:03
EPA 420.1	02/11/11			01/17/11	09:56	1/17/2011	15:15
EPA 6020A	07/13/11			01/19/11	10:55	1/19/2011	17:20
EPA 7470A	02/11/11			01/18/11	14:20	1/19/2011	08:58
EPA 8260B	01/28/11			01/18/11	13:28	1/18/2011	17:34
Field	01/14/11	12:14		01/14/11	12:00	1/14/2011	12:00
Field	01/15/11	12:00	01/15/11 12:00	01/14/11	12:00	1/14/2011	12:00
Field	01/16/11	12:00		01/14/11	12:00	1/14/2011	12:00
SM18 2540C	01/21/11			01/15/11	06:25	1/16/2011	10:25

Client ID: MW-9S		Lab ID: A007082-06		Sampled: 01/14/11 12:48		Received: 01/14/11 16:35	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/16/11	12:48		01/14/11	16:45	1/15/2011	08:25
EPA 300.0	02/11/11			01/14/11	16:45	1/15/2011	08:25
EPA 350.1	02/11/11			01/17/11	14:18	1/17/2011	15:11
EPA 420.1	02/11/11			01/17/11	09:56	1/17/2011	15:15
EPA 6020A	07/13/11			01/19/11	10:55	1/19/2011	17:27
EPA 7470A	02/11/11			01/18/11	14:20	1/19/2011	09:01
EPA 8260B	01/28/11			01/18/11	13:28	1/18/2011	18:04
Field	01/14/11	13:02		01/14/11	12:48	1/14/2011	12:48
Field	01/15/11	12:48	01/15/11 12:48	01/14/11	12:48	1/14/2011	12:48
Field	01/16/11	12:48		01/14/11	12:48	1/14/2011	12:48
SM18 2540C	01/21/11			01/15/11	06:25	1/16/2011	10:25

Client ID: TRIP BLANK		Lab ID: A007082-07		Sampled: 01/14/11 00:00		Received: 01/14/11 16:35	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8260B	01/28/11			01/18/11	13:28	1/18/2011	18:34

SAMPLE DETECTION SUMMARY

Client ID: MW-5		Lab ID: A007082-01					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.76		0.0065	0.020	mg/L	EPA 350.1	
Arsenic - Total	6.17	I	4.10	10.0	ug/L	EPA 6020A	
Chloride	8.5		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.84		0.00	0.00	mg/L	Field	
Iron - Total	9470		38.0	50.0	ug/L	EPA 6020A	
Nitrate as N	0.18	I	0.014	1.0	mg/L	EPA 300.0	
pH	6.60				pH Units	Field	
Sodium - Total	4.55		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	920		0	0	umhos/cm	Field	
Sulfate	9.9		0.08	5.0	mg/L	EPA 300.0	
Temperature	23.14		0.00	0.00	°C	Field	
Total Dissolved Solids	490		10	10	mg/L	SM18 2540C	
Turbidity	2.20		0.00	0.00	NTU	Field	
Water Elevation	40.87				Ft	Field	

Client ID: MW-1		Lab ID: A007082-02					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	3.0		0.013	0.040	mg/L	EPA 350.1	
Arsenic - Total	23.2		4.10	10.0	ug/L	EPA 6020A	
Chloride	25		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.24		0.00	0.00	mg/L	Field	
Iron - Total	6390		38.0	50.0	ug/L	EPA 6020A	
Nitrate as N	0.18	I	0.014	1.0	mg/L	EPA 300.0	
pH	6.53				pH Units	Field	
Sodium - Total	33.6		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1336		0	0	umhos/cm	Field	
Temperature	24.37		0.00	0.00	°C	Field	
Thallium - Total	0.507	I	0.410	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	840		10	10	mg/L	SM18 2540C	
Turbidity	4.80		0.00	0.00	NTU	Field	
Water Elevation	41.00				Ft	Field	

Client ID: MW-1		Lab ID: A007082-02RE1					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sulfate	180		0.38	25	mg/L	EPA 300.0	

Client ID: MW-6		Lab ID: A007082-03					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	5.3		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	1.62		0.00	0.00	mg/L	Field	
Nitrate as N	1.6		0.014	1.0	mg/L	EPA 300.0	
pH	6.77				pH Units	Field	
Sodium - Total	5.98		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	730		0	0	umhos/cm	Field	
Sulfate	28		0.08	5.0	mg/L	EPA 300.0	
Temperature	22.50		0.00	0.00	°C	Field	
Total Dissolved Solids	400		10	10	mg/L	SM18 2540C	
Turbidity	2.60		0.00	0.00	NTU	Field	
Vanadium - Total	1.77	I	1.70	10.0	ug/L	EPA 6020A	

Client ID:	MW-6	Lab ID:	A007082-03
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Water Elevation	40.93				Ft	Field	

Client ID:	MW-7	Lab ID:	A007082-04
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	417		68.0	100	ug/L	EPA 6020A	
Chloride	12		0.24	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	0.44	I	0.41	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	1.49		0.00	0.00	mg/L	Field	
Iron - Total	309		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.286		0.0110	0.200	ug/L	EPA 7470A	
Nitrate as N	8.6		0.014	1.0	mg/L	EPA 300.0	
pH	6.49				pH Units	Field	
Sodium - Total	11.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	968		0	0	umhos/cm	Field	
Sulfate	57		0.08	5.0	mg/L	EPA 300.0	
Temperature	23.45		0.00	0.00	°C	Field	
Thallium - Total	0.530	I	0.410	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	580		10	10	mg/L	SM18 2540C	
Turbidity	5.20		0.00	0.00	NTU	Field	
Vanadium - Total	14.7		1.70	10.0	ug/L	EPA 6020A	
Water Elevation	39.15				Ft	Field	

Client ID:	MW-8	Lab ID:	A007082-05
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.28		0.0065	0.020	mg/L	EPA 350.1	
Arsenic - Total	6.88	I	4.10	10.0	ug/L	EPA 6020A	
Benzene	1.7		0.35	1.0	ug/L	EPA 8260B	
Chloride	19		0.24	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	1.1		0.41	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.41		0.00	0.00	mg/L	Field	
Iron - Total	9990		38.0	50.0	ug/L	EPA 6020A	
Lead - Total	1.71	I	1.60	5.00	ug/L	EPA 6020A	
Nitrate as N	0.18	I	0.014	1.0	mg/L	EPA 300.0	
pH	6.37				pH Units	Field	
Sodium - Total	11.6		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1142		0	0	umhos/cm	Field	
Sulfate	5.7		0.08	5.0	mg/L	EPA 300.0	
Temperature	24.19		0.00	0.00	°C	Field	
Total Dissolved Solids	660		10	10	mg/L	SM18 2540C	
Turbidity	3.40		0.00	0.00	NTU	Field	
Water Elevation	40.89				Ft	Field	

Client ID:	MW-9S	Lab ID:	A007082-06
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	29		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.24		0.00	0.00	mg/L	Field	
Nitrate as N	0.58	I	0.014	1.0	mg/L	EPA 300.0	
pH	6.62				pH Units	Field	
Sodium - Total	11.5		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	974		0	0	umhos/cm	Field	
Sulfate	67		0.08	5.0	mg/L	EPA 300.0	



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Client ID: MW-9S		Lab ID: A007082-06						
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes	
Temperature	22.62		0.00	0.00	°C	Field		
Total Dissolved Solids	590		10	10	mg/L	SM18 2540C		
Turbidity	4.90		0.00	0.00	NTU	Field		
Vanadium - Total	4.78	I	1.70	10.0	ug/L	EPA 6020A		
Water Elevation	40.69				Ft	Field		



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ANALYTICAL RESULTS**Description:** MW-5**Lab Sample ID:** A007082-01**Received:** 01/14/11 16:35**Matrix:** Ground Water**Sampled:** 01/14/11 10:27**Work Order:** A007082**Project:** FRIENDS RECYCLING FORMERLY OCALA
RECYCLING**Sampled By:** Chris Monaco**Volatile Organic Compounds by GCMS**

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	5.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 15:34	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	41	1	50.0	82 %	41-142	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Dibromofluoromethane	30	1	50.0	61 %	53-146	1A18016	EPA 8260B	01/18/11 15:34	kdw	
Toluene-d8	41	1	50.0	82 %	41-146	1A18016	EPA 8260B	01/18/11 15:34	kdw	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-01

Sampled: 01/14/11 10:27

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.0110	U	ug/L	1	0.0110	0.200	1A17021	EPA 7470A	01/19/11 08:49	JAY	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-01

Sampled: 01/14/11 10:27

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Arsenic [7440-38-2] ^	6.17	I	ug/L	1	4.10	10.0	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Iron [7439-89-6] ^	9470		ug/L	1	38.0	50.0	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Sodium [7440-23-5] ^	4.55		mg/L	1	0.320	1.00	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1A17020	EPA 6020A	01/19/11 16:17	JAY	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1A17020	EPA 6020A	01/19/11 16:17	JAY	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-01

Sampled: 01/14/11 10:27

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.76		mg/L	1	0.0065	0.020	1A17033	EPA 350.1	01/17/11 15:06	KGonz	
Chloride [16887-00-6] ^	8.5		mg/L	1	0.24	5.0	1A14011	EPA 300.0	01/15/11 06:57	RSA	
Nitrate as N [14797-55-8] ^	0.18	I	mg/L	1	0.014	1.0	1A14011	EPA 300.0	01/15/11 06:57	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1A20012	EPA 420.1	01/20/11 18:34	RMM	
Sulfate [14808-79-8] ^	9.9		mg/L	1	0.08	5.0	1A14011	EPA 300.0	01/15/11 06:57	RSA	
Total Dissolved Solids [ECL-0156] ^	490		mg/L	1	10	10	1A15001	SM18 2540C	01/16/11 10:25	AH	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-01

Sampled: 01/14/11 10:27

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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]	0.84		mg/L	1	0.00	0.00	1A14013	Field	01/14/11 10:27	FLD	
pH [ECL-0062]	6.60		pH Units	1			1A14013	Field	01/14/11 10:27	FLD	
Specific Conductance (EC) [ECL-0146]	920		umhos/cm	1	0	0	1A14013	Field	01/14/11 10:27	FLD	
Temperature [ECL-0151]	23.14		°C	1	0.00	0.00	1A14013	Field	01/14/11 10:27	FLD	
Turbidity [ECL-0177]	2.20		NTU	1	0.00	0.00	1A14013	Field	01/14/11 10:27	FLD	
Water Elevation [ECL-0180]	40.87		Ft	1			1A14013	Field	01/14/11 10:27	FLD	



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Description: MW-1

Lab Sample ID: A007082-02

Received: 01/14/11 16:35

Matrix: Ground Water

Sampled: 01/14/11 13:20

Work Order: A007082

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	5.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 16:05	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	41	1	50.0	83 %	41-142	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Dibromofluoromethane	30	1	50.0	61 %	53-146	1A18016	EPA 8260B	01/18/11 16:05	kdw	
Toluene-d8	41	1	50.0	82 %	41-146	1A18016	EPA 8260B	01/18/11 16:05	kdw	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-02

Sampled: 01/14/11 13:20

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.0110	U	ug/L	1	0.0110	0.200	1A17021	EPA 7470A	01/19/11 08:27	JAY	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-02

Sampled: 01/14/11 13:20

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Arsenic [7440-38-2] ^	23.2		ug/L	1	4.10	10.0	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Iron [7439-89-6] ^	6390		ug/L	1	38.0	50.0	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Sodium [7440-23-5] ^	33.6		mg/L	1	0.320	1.00	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Thallium [7440-28-0] ^	0.507	I	ug/L	1	0.410	1.00	1A17020	EPA 6020A	01/19/11 13:51	JAY	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1A17020	EPA 6020A	01/19/11 13:51	JAY	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-02

Sampled: 01/14/11 13:20

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	3.0		mg/L	2	0.013	0.040	1A17033	EPA 350.1	01/17/11 15:10	KGonz	
Chloride [16887-00-6] ^	25		mg/L	1	0.24	5.0	1A14011	EPA 300.0	01/15/11 07:14	RSA	
Nitrate as N [14797-55-8] ^	0.18	I	mg/L	1	0.014	1.0	1A14011	EPA 300.0	01/15/11 07:14	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1A20012	EPA 420.1	01/20/11 18:34	RMM	
Sulfate [14808-79-8] ^	180		mg/L	5	0.38	25	1A17035	EPA 300.0	01/17/11 15:31	RSA	
Total Dissolved Solids [ECL-0156] ^	840		mg/L	1	10	10	1A15001	SM18 2540C	01/16/11 10:25	AH	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-02

Sampled: 01/14/11 13:20

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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]	0.24		mg/L	1	0.00	0.00	1A14013	Field	01/14/11 13:20	FLD	
pH [ECL-0062]	6.53		pH Units	1			1A14013	Field	01/14/11 13:20	FLD	
Specific Conductance (EC) [ECL-0146]	1336		umhos/cm	1	0	0	1A14013	Field	01/14/11 13:20	FLD	
Temperature [ECL-0151]	24.37		°C	1	0.00	0.00	1A14013	Field	01/14/11 13:20	FLD	
Turbidity [ECL-0177]	4.80		NTU	1	0.00	0.00	1A14013	Field	01/14/11 13:20	FLD	
Water Elevation [ECL-0180]	41.00		Ft	1			1A14013	Field	01/14/11 13:20	FLD	



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Description: MW-6

Lab Sample ID: A007082-03

Received: 01/14/11 16:35

Matrix: Ground Water

Sampled: 01/14/11 11:35

Work Order: A007082

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	5.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 16:35	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	44	1	50.0	89 %	41-142	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Dibromofluoromethane	32	1	50.0	65 %	53-146	1A18016	EPA 8260B	01/18/11 16:35	kdw	
Toluene-d8	44	1	50.0	87 %	41-146	1A18016	EPA 8260B	01/18/11 16:35	kdw	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-03

Sampled: 01/14/11 11:35

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.0110	U	ug/L	1	0.0110	0.200	1A17021	EPA 7470A	01/19/11 08:52	JAY	



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Description: MW-6

Lab Sample ID: A007082-03

Received: 01/14/11 16:35

Matrix: Ground Water

Sampled: 01/14/11 11:35

Work Order: A007082

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Sodium [7440-23-5] ^	5.98		mg/L	1	0.320	1.00	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1A17020	EPA 6020A	01/19/11 16:24	JAY	
Vanadium [7440-62-2] ^	1.77	I	ug/L	1	1.70	10.0	1A17020	EPA 6020A	01/19/11 16:24	JAY	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-03

Sampled: 01/14/11 11:35

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.0065	U	mg/L	1	0.0065	0.020	1A17033	EPA 350.1	01/17/11 15:00	KGonz	
Chloride [16887-00-6] ^	5.3		mg/L	1	0.24	5.0	1A14011	EPA 300.0	01/15/11 07:32	RSA	
Nitrate as N [14797-55-8] ^	1.6		mg/L	1	0.014	1.0	1A14011	EPA 300.0	01/15/11 07:32	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1A20012	EPA 420.1	01/20/11 18:34	RMM	
Sulfate [14808-79-8] ^	28		mg/L	1	0.08	5.0	1A14011	EPA 300.0	01/15/11 07:32	RSA	
Total Dissolved Solids [ECL-0156] ^	400		mg/L	1	10	10	1A15001	SM18 2540C	01/16/11 10:25	AH	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-03

Sampled: 01/14/11 11:35

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

Field Parameters

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Dissolved Oxygen [ECL-0053]	1.62		mg/L	1	0.00	0.00	1A14013	Field	01/14/11 11:35	FLD	
pH [ECL-0062]	6.77		pH Units	1			1A14013	Field	01/14/11 11:35	FLD	
Specific Conductance (EC) [ECL-0146]	730		umhos/cm	1	0	0	1A14013	Field	01/14/11 11:35	FLD	
Temperature [ECL-0151]	22.50		°C	1	0.00	0.00	1A14013	Field	01/14/11 11:35	FLD	
Turbidity [ECL-0177]	2.60		NTU	1	0.00	0.00	1A14013	Field	01/14/11 11:35	FLD	
Water Elevation [ECL-0180]	40.93		Ft	1			1A14013	Field	01/14/11 11:35	FLD	



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Description: MW-7

Lab Sample ID: A007082-04

Received: 01/14/11 16:35

Matrix: Ground Water

Sampled: 01/14/11 09:45

Work Order: A007082

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	5.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.44	I	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 17:04	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	42	1	50.0	84 %	41-142	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Dibromofluoromethane	31	1	50.0	62 %	53-146	1A18016	EPA 8260B	01/18/11 17:04	kdw	
Toluene-d8	41	1	50.0	82 %	41-146	1A18016	EPA 8260B	01/18/11 17:04	kdw	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-04

Sampled: 01/14/11 09:45

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.286		ug/L	1	0.0110	0.200	1A17021	EPA 7470A	01/19/11 08:55	JAY	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-04

Sampled: 01/14/11 09:45

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	417		ug/L	1	68.0	100	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Iron [7439-89-6] ^	309		ug/L	1	38.0	50.0	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Sodium [7440-23-5] ^	11.9		mg/L	1	0.320	1.00	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Thallium [7440-28-0] ^	0.530	I	ug/L	1	0.410	1.00	1A17020	EPA 6020A	01/19/11 17:13	JAY	
Vanadium [7440-62-2] ^	14.7		ug/L	1	1.70	10.0	1A17020	EPA 6020A	01/19/11 17:13	JAY	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-04

Sampled: 01/14/11 09:45

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.0065	U	mg/L	1	0.0065	0.020	1A17033	EPA 350.1	01/17/11 15:01	KGonz	
Chloride [16887-00-6] ^	12		mg/L	1	0.24	5.0	1A14011	EPA 300.0	01/15/11 07:50	RSA	
Nitrate as N [14797-55-8] ^	8.6		mg/L	1	0.014	1.0	1A14011	EPA 300.0	01/15/11 07:50	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1A17010	EPA 420.1	01/17/11 15:15	RMM	
Sulfate [14808-79-8] ^	57		mg/L	1	0.08	5.0	1A14011	EPA 300.0	01/15/11 07:50	RSA	
Total Dissolved Solids [ECL-0156] ^	580		mg/L	1	10	10	1A15001	SM18 2540C	01/16/11 10:25	AH	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-04

Sampled: 01/14/11 09:45

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

Field Parameters

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Dissolved Oxygen [ECL-0053]	1.49		mg/L	1	0.00	0.00	1A14013	Field	01/14/11 09:45	FLD	
pH [ECL-0062]	6.49		pH Units	1			1A14013	Field	01/14/11 09:45	FLD	
Specific Conductance (EC) [ECL-0146]	968		umhos/cm	1	0	0	1A14013	Field	01/14/11 09:45	FLD	
Temperature [ECL-0151]	23.45		°C	1	0.00	0.00	1A14013	Field	01/14/11 09:45	FLD	
Turbidity [ECL-0177]	5.20		NTU	1	0.00	0.00	1A14013	Field	01/14/11 09:45	FLD	
Water Elevation [ECL-0180]	39.15		Ft	1			1A14013	Field	01/14/11 09:45	FLD	



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Description: MW-8

Lab Sample ID: A007082-05

Received: 01/14/11 16:35

Matrix: Ground Water

Sampled: 01/14/11 12:00

Work Order: A007082

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	5.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Benzene [71-43-2] ^	1.7		ug/L	1	0.35	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	1.1		ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 17:34	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	42	1	50.0	83 %	41-142	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Dibromofluoromethane	31	1	50.0	62 %	53-146	1A18016	EPA 8260B	01/18/11 17:34	kdw	
Toluene-d8	42	1	50.0	84 %	41-146	1A18016	EPA 8260B	01/18/11 17:34	kdw	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-05

Sampled: 01/14/11 12:00

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.0110	U	ug/L	1	0.0110	0.200	1A17021	EPA 7470A	01/19/11 08:58	JAY	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-05

Sampled: 01/14/11 12:00

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Arsenic [7440-38-2] ^	6.88	I	ug/L	1	4.10	10.0	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Iron [7439-89-6] ^	9990		ug/L	1	38.0	50.0	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Lead [7439-92-1] ^	1.71	I	ug/L	1	1.60	5.00	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Sodium [7440-23-5] ^	11.6		mg/L	1	0.320	1.00	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1A17020	EPA 6020A	01/19/11 17:20	JAY	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1A17020	EPA 6020A	01/19/11 17:20	JAY	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-05

Sampled: 01/14/11 12:00

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.28		mg/L	1	0.0065	0.020	1A17033	EPA 350.1	01/17/11 15:03	KGonz	
Chloride [16887-00-6] ^	19		mg/L	1	0.24	5.0	1A14011	EPA 300.0	01/15/11 08:08	RSA	
Nitrate as N [14797-55-8] ^	0.18	I	mg/L	1	0.014	1.0	1A14011	EPA 300.0	01/15/11 08:08	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1A17010	EPA 420.1	01/17/11 15:15	RMM	
Sulfate [14808-79-8] ^	5.7		mg/L	1	0.08	5.0	1A14011	EPA 300.0	01/15/11 08:08	RSA	
Total Dissolved Solids [ECL-0156] ^	660		mg/L	1	10	10	1A15001	SM18 2540C	01/16/11 10:25	AH	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-05

Sampled: 01/14/11 12:00

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

Field Parameters

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Dissolved Oxygen [ECL-0053]	0.41		mg/L	1	0.00	0.00	1A14013	Field	01/14/11 12:00	FLD	
pH [ECL-0062]	6.37		pH Units	1			1A14013	Field	01/14/11 12:00	FLD	
Specific Conductance (EC) [ECL-0146]	1142		umhos/cm	1	0	0	1A14013	Field	01/14/11 12:00	FLD	
Temperature [ECL-0151]	24.19		°C	1	0.00	0.00	1A14013	Field	01/14/11 12:00	FLD	
Turbidity [ECL-0177]	3.40		NTU	1	0.00	0.00	1A14013	Field	01/14/11 12:00	FLD	
Water Elevation [ECL-0180]	40.89		Ft	1			1A14013	Field	01/14/11 12:00	FLD	



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Description: MW-9S

Lab Sample ID: A007082-06

Received: 01/14/11 16:35

Matrix: Ground Water

Sampled: 01/14/11 12:48

Work Order: A007082

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	5.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 18:04	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	43	1	50.0	87 %	41-142	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Dibromofluoromethane	32	1	50.0	64 %	53-146	1A18016	EPA 8260B	01/18/11 18:04	kdw	
Toluene-d8	43	1	50.0	87 %	41-146	1A18016	EPA 8260B	01/18/11 18:04	kdw	



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

Lab Sample ID: A007082-06
Sampled: 01/14/11 12:48
Sampled By: Chris Monaco

Received: 01/14/11 16:35
Work Order: A007082

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] ^	0.0110	U	ug/L	1	0.0110	0.200	1A17021	EPA 7470A	01/19/11 09:01	JAY	



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Description: MW-9S

Lab Sample ID: A007082-06

Received: 01/14/11 16:35

Matrix: Ground Water

Sampled: 01/14/11 12:48

Work Order: A007082

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Sodium [7440-23-5] ^	11.5		mg/L	1	0.320	1.00	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1A17020	EPA 6020A	01/19/11 17:27	JAY	
Vanadium [7440-62-2] ^	4.78	I	ug/L	1	1.70	10.0	1A17020	EPA 6020A	01/19/11 17:27	JAY	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-06

Sampled: 01/14/11 12:48

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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] ^	0.0065	U	mg/L	1	0.0065	0.020	1A17033	EPA 350.1	01/17/11 15:11	KGonz	
Chloride [16887-00-6] ^	29		mg/L	1	0.24	5.0	1A14011	EPA 300.0	01/15/11 08:25	RSA	
Nitrate as N [14797-55-8] ^	0.58	I	mg/L	1	0.014	1.0	1A14011	EPA 300.0	01/15/11 08:25	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1A17010	EPA 420.1	01/17/11 15:15	RMM	
Sulfate [14808-79-8] ^	67		mg/L	1	0.08	5.0	1A14011	EPA 300.0	01/15/11 08:25	RSA	
Total Dissolved Solids [ECL-0156] ^	590		mg/L	1	10	10	1A15001	SM18 2540C	01/16/11 10:25	AH	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A007082-06

Sampled: 01/14/11 12:48

Sampled By: Chris Monaco

Received: 01/14/11 16:35

Work Order: A007082

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]	0.24		mg/L	1	0.00	0.00	1A14013	Field	01/14/11 12:48	FLD	
pH [ECL-0062]	6.62		pH Units	1			1A14013	Field	01/14/11 12:48	FLD	
Specific Conductance (EC) [ECL-0146]	974		umhos/cm	1	0	0	1A14013	Field	01/14/11 12:48	FLD	
Temperature [ECL-0151]	22.62		°C	1	0.00	0.00	1A14013	Field	01/14/11 12:48	FLD	
Turbidity [ECL-0177]	4.90		NTU	1	0.00	0.00	1A14013	Field	01/14/11 12:48	FLD	
Water Elevation [ECL-0180]	40.69		Ft	1			1A14013	Field	01/14/11 12:48	FLD	



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Description: TRIP BLANK

Lab Sample ID: A007082-07

Received: 01/14/11 16:35

Matrix: Ground Water

Sampled: 01/14/11 00:00

Work Order: A007082

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] ^	0.40	U	ug/L	1	0.40	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	5.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	2.0	1A18016	EPA 8260B	01/18/11 18:34	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	41	1	50.0	82 %	41-142	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Dibromofluoromethane	31	1	50.0	62 %	53-146	1A18016	EPA 8260B	01/18/11 18:34	kdw	
Toluene-d8	42	1	50.0	83 %	41-146	1A18016	EPA 8260B	01/18/11 18:34	kdw	

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1A18016 - EPA 5030B_MS

Blank (1A18016-BLK1)

Prepared: 01/18/2011 13:28 Analyzed: 01/18/2011 14:05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.40	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.23	U	1.0	ug/L							
1,1,2-Trichloroethane	0.34	U	1.0	ug/L							
1,1-Dichloroethane	0.45	U	1.0	ug/L							
1,1-Dichloroethene	0.50	U	1.0	ug/L							
1,2-Dichlorobenzene	0.32	U	1.0	ug/L							
1,2-Dichloroethane	0.34	U	1.0	ug/L							
1,2-Dichloropropane	0.34	U	1.0	ug/L							
1,3-Dichlorobenzene	0.34	U	1.0	ug/L							
1,4-Dichlorobenzene	0.41	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	0.39	U	5.0	ug/L							
Benzene	0.35	U	1.0	ug/L							
Bromodichloromethane	0.31	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.63	U	1.0	ug/L							
Carbon tetrachloride	0.51	U	1.0	ug/L							
Chlorobenzene	0.37	U	1.0	ug/L							
Chloroethane	0.66	U	1.0	ug/L							
Chloroform	0.37	U	1.0	ug/L							
Chloromethane	0.53	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.41	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.30	U	1.0	ug/L							
Dibromochloromethane	0.24	U	1.0	ug/L							
Dichlorodifluoromethane	0.75	U	1.0	ug/L							
Ethylbenzene	0.43	U	1.0	ug/L							
m,p-Xylenes	0.85	U	2.0	ug/L							
Methylene chloride	0.41	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.26	U	1.0	ug/L							
o-Xylene	0.39	U	1.0	ug/L							
Tetrachloroethene	0.43	U	1.0	ug/L							
Toluene	0.43	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.47	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.37	U	1.0	ug/L							
Trichloroethene	0.39	U	1.0	ug/L							
Trichlorofluoromethane	0.57	U	1.0	ug/L							
Vinyl chloride	0.48	U	1.0	ug/L							
Xylenes (Total)	0.85	U	2.0	ug/L							
Surrogate: 4-Bromofluorobenzene	42			ug/L	50.0		85	41-142			
Surrogate: Dibromofluoromethane	31			ug/L	50.0		61	53-146			
Surrogate: Toluene-d8	42			ug/L	50.0		83	41-146			

LCS (1A18016-BS1)

Prepared: 01/18/2011 13:28 Analyzed: 01/18/2011 13:35

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0		128	65-144			
Benzene	19		1.0	ug/L	20.0		96	73-138			
Chlorobenzene	20		1.0	ug/L	20.0		99	77-127			
Toluene	21		1.0	ug/L	20.0		103	71-123			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1A18016 - EPA 5030B_MS

LCS (1A18016-BS1) Continued

Prepared: 01/18/2011 13:28 Analyzed: 01/18/2011 13:35

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	21		1.0	ug/L	20.0		107	83-133			
Surrogate: 4-Bromofluorobenzene	41			ug/L	50.0		82	41-142			
Surrogate: Dibromofluoromethane	29			ug/L	50.0		58	53-146			
Surrogate: Toluene-d8	39			ug/L	50.0		79	41-146			

Matrix Spike (1A18016-MS1)

Prepared: 01/18/2011 13:28 Analyzed: 01/18/2011 14:35

Source: A007082-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	29		1.0	ug/L	20.0	0.50 U	147	65-144			QM-07
Benzene	19		1.0	ug/L	20.0	0.35 U	95	73-138			
Chlorobenzene	20		1.0	ug/L	20.0	0.37 U	102	77-127			
Toluene	21		1.0	ug/L	20.0	0.43 U	105	71-123			
Trichloroethene	22		1.0	ug/L	20.0	0.39 U	111	83-133			
Surrogate: 4-Bromofluorobenzene	40			ug/L	50.0		80	41-142			
Surrogate: Dibromofluoromethane	31			ug/L	50.0		62	53-146			
Surrogate: Toluene-d8	40			ug/L	50.0		79	41-146			

Matrix Spike Dup (1A18016-MSD1)

Prepared: 01/18/2011 13:28 Analyzed: 01/18/2011 15:05

Source: A007082-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0	0.50 U	137	65-144	7	16	
Benzene	18		1.0	ug/L	20.0	0.35 U	90	73-138	6	14	
Chlorobenzene	19		1.0	ug/L	20.0	0.37 U	93	77-127	9	13	
Toluene	20		1.0	ug/L	20.0	0.43 U	100	71-123	6	16	
Trichloroethene	20		1.0	ug/L	20.0	0.39 U	101	83-133	9	20	
Surrogate: 4-Bromofluorobenzene	41			ug/L	50.0		81	41-142			
Surrogate: Dibromofluoromethane	31			ug/L	50.0		62	53-146			
Surrogate: Toluene-d8	40			ug/L	50.0		80	41-146			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1A17021 - EPA 7470A

Blank (1A17021-BLK1)

Prepared: 01/18/2011 14:20 Analyzed: 01/19/2011 08:17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0110	U	0.200	ug/L							

Blank (1A17021-BLK2)

Prepared: 01/18/2011 14:20 Analyzed: 01/19/2011 08:20

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.110	U	2.00	ug/L							

LCS (1A17021-BS1)

Prepared: 01/18/2011 14:20 Analyzed: 01/19/2011 08:23



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

Batch 1A17021 - EPA 7470A

LCS (1A17021-BS1) Continued

Prepared: 01/18/2011 14:20 Analyzed: 01/19/2011 08:23

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.09		0.200	ug/L	5.00		102	85-115			

Matrix Spike (1A17021-MS1)

Prepared: 01/18/2011 14:20 Analyzed: 01/19/2011 08:30

Source: A007082-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.66		0.200	ug/L	5.00	0.0110 U	73	85-115			QM-07

Matrix Spike Dup (1A17021-MSD1)

Prepared: 01/18/2011 14:20 Analyzed: 01/19/2011 08:33

Source: A007082-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.86		0.200	ug/L	5.00	0.0110 U	77	85-115	5	10	QM-07

Post Spike (1A17021-PS1)

Prepared: 01/19/2011 06:00 Analyzed: 01/19/2011 08:36

Source: A007082-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.18		0.200	ug/L	5.61	-0.0204	93	0-200			

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

Batch 1A17020 - EPA 3005A

Blank (1A17020-BLK1)

Prepared: 01/19/2011 10:55 Analyzed: 01/19/2011 13:29

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 (1A17020-BLK2)

Prepared: 01/19/2011 10:55 Analyzed: 01/19/2011 13:36

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							



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

Batch 1A17020 - EPA 3005A

Blank (1A17020-BLK2) Continued

Prepared: 01/19/2011 10:55 Analyzed: 01/19/2011 13:36

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

LCS (1A17020-BS1)

Prepared: 01/19/2011 10:55 Analyzed: 01/19/2011 13:43

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	995		100	ug/L	1000		99	80-120			
Antimony	49.2		20.0	ug/L	50.0		98	80-120			
Arsenic	461		10.0	ug/L	500		92	80-120			
Cadmium	47.3		3.00	ug/L	50.0		95	80-120			
Chromium	512		10.0	ug/L	500		102	80-120			
Iron	991		50.0	ug/L	1000		99	80-120			
Lead	498		5.00	ug/L	500		100	80-120			
Sodium	23.7		1.00	mg/L	25.0		95	80-120			
Thallium	47.7		1.00	ug/L	50.0		95	80-120			
Vanadium	497		10.0	ug/L	500		99	80-120			

Matrix Spike (1A17020-MS1)

Prepared: 01/19/2011 10:55 Analyzed: 01/19/2011 13:59

Source: A007082-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1030		100	ug/L	1000	68.0 U	103	80-120			
Antimony	50.8		20.0	ug/L	50.0	0.950 U	102	80-120			
Arsenic	505		10.0	ug/L	500	23.2	96	80-120			
Cadmium	48.4		3.00	ug/L	50.0	1.10 U	97	80-120			
Chromium	505		10.0	ug/L	500	4.50 U	101	80-120			
Iron	7240		50.0	ug/L	1000	6390	85	80-120			
Lead	500		5.00	ug/L	500	1.60 U	100	80-120			
Sodium	60.9		1.00	mg/L	25.0	33.6	109	80-120			
Thallium	48.2		1.00	ug/L	50.0	0.507	95	80-120			
Vanadium	495		10.0	ug/L	500	1.70 U	99	80-120			

Matrix Spike Dup (1A17020-MSD1)

Prepared: 01/19/2011 10:55 Analyzed: 01/19/2011 14:08

Source: A007082-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1070		100	ug/L	1000	68.0 U	107	80-120	4	20	
Antimony	51.9		20.0	ug/L	50.0	0.950 U	104	80-120	2	20	
Arsenic	503		10.0	ug/L	500	23.2	96	80-120	0.5	20	
Cadmium	48.4		3.00	ug/L	50.0	1.10 U	97	80-120	0.09	20	
Chromium	512		10.0	ug/L	500	4.50 U	102	80-120	1	20	
Iron	7310		50.0	ug/L	1000	6390	92	80-120	1	20	
Lead	502		5.00	ug/L	500	1.60 U	100	80-120	0.4	20	
Sodium	61.0		1.00	mg/L	25.0	33.6	109	80-120	0.2	20	
Thallium	48.7		1.00	ug/L	50.0	0.507	96	80-120	1	20	

QUALITY CONTROL

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

Batch 1A17020 - EPA 3005A

Matrix Spike Dup (1A17020-MSD1) Continued

Prepared: 01/19/2011 10:55 Analyzed: 01/19/2011 14:08

Source: A007082-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vanadium	495		10.0	ug/L	500	1.70 U	99	80-120	0.1	20	

Post Spike (1A17020-PS1)

Prepared: 01/19/2011 14:00 Analyzed: 01/19/2011 14:16

Source: A007082-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	101		10.0	ug/L	98.0	0.836	102	80-120			
Antimony	4.84		2.00	ug/L	4.90	-0.0983	101	80-120			
Arsenic	48.5		1.00	ug/L	49.0	2.27	94	80-120			
Cadmium	4.72		0.300	ug/L	4.90	-0.0445	97	80-120			
Chromium	49.6		1.00	ug/L	49.0	0.0600	101	80-120			
Iron	727		5.00	ug/L	98.0	627	102	80-120			
Lead	48.2		0.500	ug/L	49.0	0.00235	98	80-120			
Sodium	6120		100	ug/L	2450	3290	115	80-120			
Thallium	4.65		0.100	ug/L	4.90	0.0497	94	80-120			
Vanadium	49.2		1.00	ug/L	49.0	-0.00706	100	80-120			

Batch AA13821 - 1A14016

Serial Dilution (AA13821-SRD1)

Prepared: 01/19/2011 10:55 Analyzed: 01/19/2011 14:24

Source: A007082-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	35.9		5.00	mg/L		33.6			7		

Serial Dilution (AA13821-SRD2)

Prepared: 01/18/2011 00:00 Analyzed: 01/19/2011 22:25

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	2.69		0.500	mg/L							

Classical Chemistry Parameters - Quality Control

Batch 1A14011 - NO PREP

Blank (1A14011-BLK1)

Prepared: 01/14/2011 16:45 Analyzed: 01/14/2011 21:30

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.24	U	5.0	mg/L							
Nitrate as N	0.014	U	1.0	mg/L							
Sulfate	0.08	U	5.0	mg/L							

LCS (1A14011-BS1)

Prepared: 01/14/2011 16:45 Analyzed: 01/14/2011 22:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	50		5.0	mg/L	50.0		100	90-110			
Nitrate as N	10		1.0	mg/L	10.0		100	90-110			
Sulfate	50		5.0	mg/L	50.0		101	90-110			

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1A14011 - NO PREP

Matrix Spike (1A14011-MS1)

Prepared: 01/14/2011 16:45 Analyzed: 01/15/2011 03:59

Source: A100182-07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	78		5.0	mg/L	50.0	25	105	90-110			
Nitrate as N	16		1.0	mg/L	10.0	5.8	104	90-110			
Sulfate	84		5.0	mg/L	50.0	32	103	90-110			

Matrix Spike Dup (1A14011-MSD1)

Prepared: 01/14/2011 16:45 Analyzed: 01/15/2011 04:17

Source: A100182-07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	78		5.0	mg/L	50.0	25	105	90-110	0.07	10	
Nitrate as N	16		1.0	mg/L	10.0	5.8	105	90-110	0.3	10	
Sulfate	84		5.0	mg/L	50.0	32	104	90-110	0.5	10	

Batch 1A15001 - NO PREP

Blank (1A15001-BLK1)

Prepared: 01/15/2011 06:25 Analyzed: 01/16/2011 10:25

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 (1A15001-BS1)

Prepared: 01/15/2011 06:25 Analyzed: 01/16/2011 10:25

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	280		10	mg/L	300		93	88-111			

Duplicate (1A15001-DUP1)

Prepared: 01/15/2011 06:25 Analyzed: 01/16/2011 10:25

Source: A006948-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	760		10	mg/L		760			1	10	

Batch 1A17010 - NO PREP

Blank (1A17010-BLK1)

Prepared: 01/17/2011 09:56 Analyzed: 01/17/2011 15:15

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

LCS (1A17010-BS1)

Prepared: 01/17/2011 09:56 Analyzed: 01/17/2011 15:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	460		50	ug/L	500		91	78-110			

Matrix Spike (1A17010-MS1)

Prepared: 01/17/2011 09:56 Analyzed: 01/17/2011 15:15

Source: A007082-05

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1A17010 - NO PREP

Matrix Spike (1A17010-MS1) Continued

Prepared: 01/17/2011 09:56 Analyzed: 01/17/2011 15:15

Source: A007082-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	450		50	ug/L	500	23 U	89	78-110			

Matrix Spike Dup (1A17010-MSD1)

Prepared: 01/17/2011 09:56 Analyzed: 01/17/2011 15:15

Source: A007082-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	440		50	ug/L	500	23 U	88	78-110	1	10	

Batch 1A17033 - NO PREP

Blank (1A17033-BLK1)

Prepared: 01/17/2011 14:18 Analyzed: 01/17/2011 14:51

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.0065	U	0.020	mg/L							

LCS (1A17033-BS1)

Prepared: 01/17/2011 14:18 Analyzed: 01/17/2011 14:53

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

Matrix Spike (1A17033-MS1)

Prepared: 01/17/2011 14:18 Analyzed: 01/17/2011 15:07

Source: A007082-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.6		0.020	mg/L	1.00	0.76	88	90-110			QM-07

Matrix Spike Dup (1A17033-MSD1)

Prepared: 01/17/2011 14:18 Analyzed: 01/17/2011 15:09

Source: A007082-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.6		0.020	mg/L	1.00	0.76	88	90-110	0.2	10	QM-07

Batch 1A17035 - NO PREP

Blank (1A17035-BLK1)

Prepared: 01/17/2011 13:10 Analyzed: 01/17/2011 14:03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	0.08	U	5.0	mg/L							

LCS (1A17035-BS1)

Prepared: 01/17/2011 13:10 Analyzed: 01/17/2011 14:20

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	46		5.0	mg/L	50.0		93	90-110			

LCS Dup (1A17035-BSD1)

Prepared: 01/17/2011 13:10 Analyzed: 01/17/2011 17:31

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1A17035 - NO PREP

LCS Dup (1A17035-BSD1) Continued

Prepared: 01/17/2011 13:10 Analyzed: 01/17/2011 17:31

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	48		5.0	mg/L	50.0		96	90-110	4	10	

Matrix Spike (1A17035-MS1)

Prepared: 01/17/2011 16:09 Analyzed: 01/17/2011 22:32

Source: A100208-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	53		5.0	mg/L	50.0	1.5	103	90-110			

Matrix Spike Dup (1A17035-MSD1)

Prepared: 01/17/2011 16:09 Analyzed: 01/17/2011 22:50

Source: A100208-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	52		5.0	mg/L	50.0	1.5	100	90-110	3	10	

Batch 1A20012 - NO PREP

Blank (1A20012-BLK1)

Prepared: 01/20/2011 12:21 Analyzed: 01/20/2011 18:34

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

LCS (1A20012-BS1)

Prepared: 01/20/2011 12:21 Analyzed: 01/20/2011 18:34

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	460		50	ug/L	500		91	78-110			

Matrix Spike (1A20012-MS1)

Prepared: 01/20/2011 12:21 Analyzed: 01/20/2011 18:34

Source: A007082-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	420		50	ug/L	500	23 U	84	78-110			

Matrix Spike Dup (1A20012-MSD1)

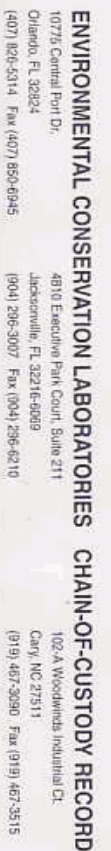
Prepared: 01/20/2011 12:21 Analyzed: 01/20/2011 18:34

Source: A007082-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	430		50	ug/L	500	23 U	87	78-110	3	10	

FLAGS/NOTES AND DEFINITIONS

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



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Page 1 of 1

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

X Standard

Expedited

Due / /

Lab Workorder

A007,082

Client Name Friends Recycling (FR008)	Project Number 21012
Address 2350 NW 27th Avenue	Project Name Desc FRIENDS RECYCLING FORMERLY OCALA RECYCLING
City/ST/Zip Ocala, FL 34475	P.O. # / Billing Info
Tel (352) 622-5800	Reporting Contact Nick Giumarelli
Fax (352) 622-4999	Billing Contact Nick Giumarelli
Sample(s) Name, Amount (Pint) Chris's Plastic Services, Inc.	Site Location / Time Zone FL / EST
Sample(s) ID 11/11/2008	

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

Preservation: (See Codes) (Combine as necessary)

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

Standard

Expedited

Due / /

Lab Workorder
A007082

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	HI	N	SI	I	Z	Sample Comments
MMW-5		1/14/11	1007	Grab	GW	6	X	X	X	X	X	
MMW-1			1330		GW	6	X	X	X	X	X	
MMW-6			1135		GW	6	X	X	X	X	X	
MMW-7			0945		GW	6	X	X	X	X	X	
MMW-8			1200		GW	6	X	X	X	X	X	
MMW-9S		1/14/11	1248	Grab	GW	6	X	X	X	X	X	
TRIP BLANK					0	2	X					O = DI WATER

[illegible]

Matrix: GW-Groundwater; SW-Surface Water; WW-Wastewater; A-Air; O-Other (detail in comments)

Preservation: F-Cold; H-HCl; N-HNO₃; S-H₂SO₄; NO-NO₂-HCl; O-Other (detail in comments)

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

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