
SEMI-ANNUAL MONITORING REPORT

SECOND HALF 2012

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

PREPARED FOR:

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

PREPARED BY:

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

August 14, 2012



August 14, 2012

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the Second Half of 2012
Friends Recycling C&D Landfill
Marion County, Florida

Dear Mr. Giunarelli:

Per your request, Enviro-Technologies, Inc. (ETI) has completed the semi-annual groundwater monitoring report for the second half of 2012 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. A PDF copy of this report has been e-mailed to Gloria Jean DePradine at the FDEP , per her request. Please e-mail her with your cover sheet containing the appropriate verbiage regarding report approval periods as stipulated in the operating permit for this facility.

PROJECT LOCATION

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

GROUNDWATER QUALITY ASSESSMENT

On July 27, 2012, (date of the sample collection), ground water samples were collected from MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9S, shown in the Topographic Survey provided by Robert L. Rogers Engineering Co., Inc. All collected groundwater samples were delivered to Environmental Conservation Laboratories, Inc. (ENCO) for analyses.

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

GROUNDWATER ANALYTICAL RESULTS

Copies of the laboratory analytical results and chain-of-custody forms and a sample detection summary of the analytical results of each monitoring well for the July 27, 2012 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
Iron - Total	2350	300	ug/L	EPA 6020
Total Dissolved Solids	1900	500	mg/L	SM182540C

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	15,300	300	ug/L	EPA 6020
Total Dissolved Solids	540	500	mg/L	SM182540C

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
Total Dissolved Solids	550	500	mg/L	SM18 2540C

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	15,400	300	ug/L	EPA 6020
Total Dissolved Solids	620	500	mg/L	SM18 2540C

MW-9S

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	600	500	mg/L	SM18 2540C

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

High levels of iron were still noted in monitoring wells MW-1, MW-5, and MW-8. However, the concentration levels in these monitoring wells was lower only in MW-1 than the previous sampling event. The higher levels may be the result of the increased 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.

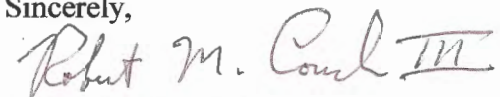
Total Dissolved Solids in all monitoring wells except for MW-6 sampled were higher than GTCLs for this sampling event. All of the higher concentrations are expected to be the result of changes in rainfall amounts.

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 dark ink, reading "Robert M. Couch III". The signature is fluid and cursive, with the last name "Couch" being more prominent.

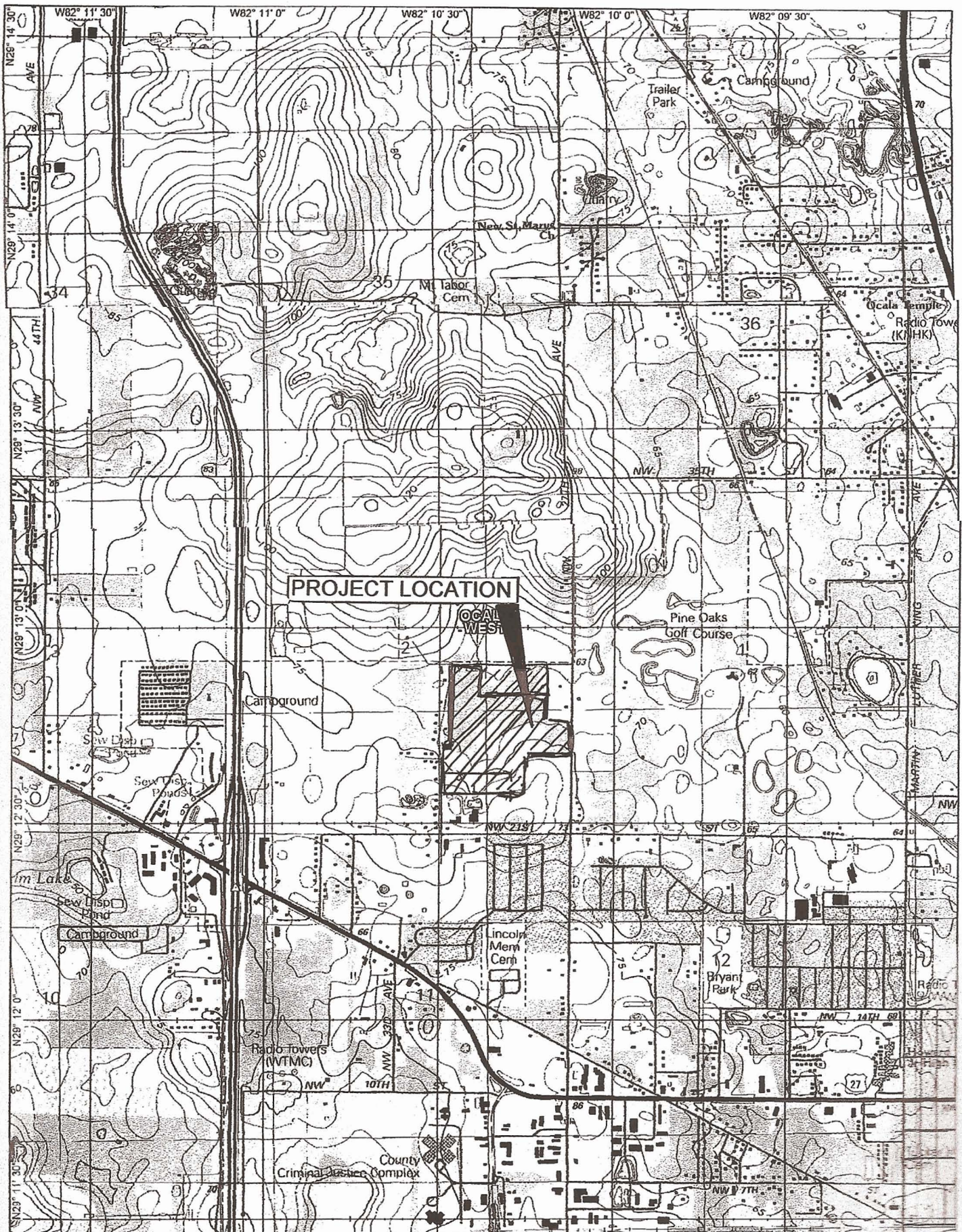
Robert M. Couch III, P.E.

President

ENVIRO-TECH, Inc.

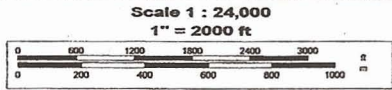
Cc: Gloria Jean DePradine- Florida Department of Environmental Protection

APPENDIX



DELOME

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www.delorme.com



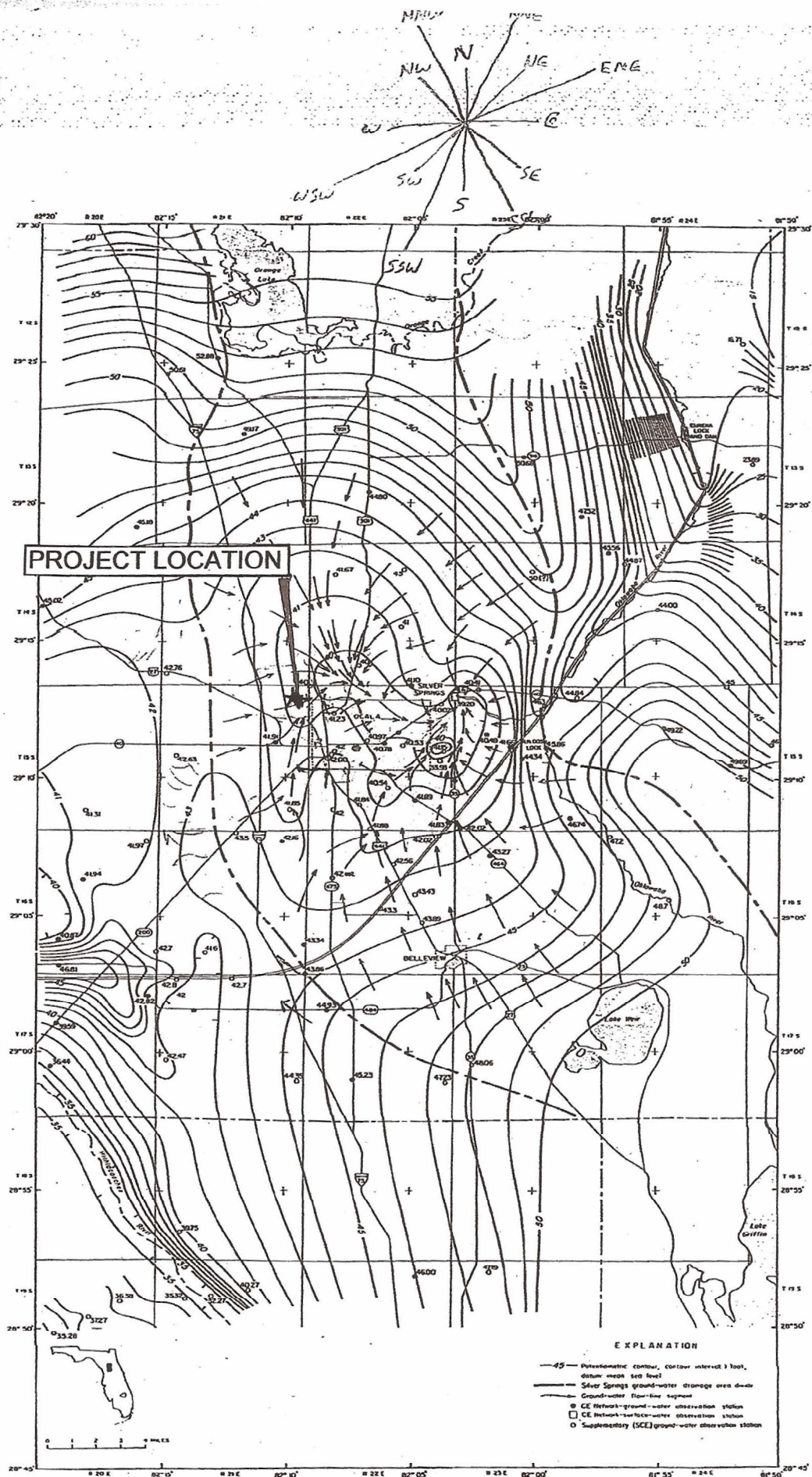


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

Form FD 9000-24

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-1		WACS_WELL: 18811	DATE: 07 / 27 / 12

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

REMARKS:

DTW = 32.51 Reference Elevation = 74.66 GWTE = 42.15 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 $\pm 10\%$ (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-5		WACS_WELL: 22912	DATE: 07 / 27 / 12

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: 1012		SAMPLING ENDED AT: 1018	
PUMP OR TUBING DEPTH IN WELL (feet): 47.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐ Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐				TUBING Y ☒ N (replaced)			DUPLICATE: Y ☒ N ☐			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-5	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)		ESP ≈ 100	
MW-5	1	PE	250mL	HNO3	None	6.2	Metals		ESP ≈ 1325	
MW-5	1	AG	250mL	H2SO4	None	6.2	Ammonia (350.1) Phenols		ESP ≈ 1325	
MW-5	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP ≈ 1325	
REMARKS: black particles observed in pumpage water										
DTW = 45.80 Reference Elevation = 88.01 GWTE = 42.21 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-6		DATE: 07 / 27 / 12	

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: 1037		SAMPLING ENDED AT: 1044	
PUMP OR TUBING DEPTH IN WELL (feet): 37.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐				TUBING Y ☐ N ☒ (replaced)			DUPLICATE: Y ☐ N ☒			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-6	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)		ESP	≈ 100
MW-6	1	PE	250mL	HNO ₃	None	6.2	Metals		ESP	≈ 1135
MW-6	1	AG	250mL	H ₂ SO ₄	None	6.2	Ammonia (350.1) Phenols		ESP	≈ 1135
MW-6	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP	≈ 1135

REMARKS: Slowed pump to sample

DTW = 35.77 Reference Elevation = 78.05 GWTE = 42.28 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;
RFPF = 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

Form FD 9000-24

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-7		WACS_WELL: 22914	DATE: 07 / 27 / 12

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: 1136		SAMPLING ENDED AT: 1147			
PUMP OR TUBING DEPTH IN WELL (feet): 49.00				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	12	Metals		ESP		≈ 757
MW-7		1	AG	250mL	H ₂ SO ₄	None	12	Ammonia (350.1) Phenols		ESP		≈ 757
MW-7		1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP		≈ 757
REMARKS:												
DTW = 46.52 Reference Elevation = 88.67 GWTE = 42.15 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 = 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-8		WACS_WELL: 22915	DATE: 07 / 27 / 12

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: 1103		SAMPLING ENDED AT: 1109	
PUMP OR TUBING DEPTH IN WELL (feet): 31.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N ☐ TUBING Y ☒ N (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	42	Metals		ESP	~ 1325
MW-8	1	AG	250mL	H ₂ SO ₄	None	42	Ammonia (350.1) Phenols		ESP	~ 1325
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP	~ 1325
REMARKS:										
DTW = 29.09 Reference Elevation = 71.17 GWTE = 42.08 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (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-9S		WACS_WELL: 22916	DATE: 07/27/12

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: 0909		SAMPLING ENDED AT: 0915	
PUMP OR TUBING DEPTH IN WELL (feet): 28.50				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-9S	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100	
MW-9S	1	PE	250mL	HNO ₃	None	22	Metals	ESP	≈ 1325	
MW-9S	1	AG	250mL	H ₂ SO ₄	None	22	Ammonia (350.1) Phenols	ESP	≈ 1325	
MW-9S	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1325	
REMARKS:										
DTW = 26.77 Reference Elevation = 68.64 GWTE = 41.87 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



CALIBRATION LOG

ITS Work Order Number:

FRL-08-072712

CLIENT: Friends Recycling

ADDRESS: 2350 NW 27th Ave.

CITY, STATE: Ocala, FL 34475

Site: Friends Recycling C&D Landfill

START CAL DATE @ TIME: 07/27/12 @ 0730

END CALIBRATION DATE @ TIME: 07/27/12 @ 1500

Page 1 of 1

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 4.19

pH Sensor Per DEP-SOP-001/01 FT 1100						Temperature Sensor Per DEP-SOP-001/01 FT 1400					
Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE	STANDARD (ERTCO Thermometer)		YSI METER		LOT NUMBER	DATE PERFORMED (Quarterly)
	INITIAL	CCV						TEMP READING			
4.01	4.01	4.00	✓	OQ1	Oct-12			LOW	HIGH		
7.00	7.00	7.02	7.00	2007294	Jun-12	LOW	4.80	4.84		NA	12/06/11
10.00	10.00	9.99	-	OS2	Aug-12	HIGH	30.70		30.75		12/06/11

Standards are prepared by OAKTON.

Liquid Temp: N/A

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

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

STANDARD (ppm)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
0.00	.18	.17	2AA184	Jan-13
fresh air @				
21.76 °C	8.78			
30.07 °C		7.55		

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

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

STANDARD "mhos	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
8,974	NM	NM	1AI505	Sep-12
2,764	2,764	2773	2AB743	Feb-13
447	NM	NM	NA	NA
84	84	85	2AB157	Feb-13

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

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

STANDARD (mV)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
200 @ 25°C	NM	NM	2AA124	Jul-12

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

HACH POCKET COLORIMETER II S/N 06070D052733

STANDARD ID	BLANK	1	2	3
MFGR VALUE mg/L	0.00	.21	0.90	1.61
VERIFIED VALUE mg/L	0.00	0.23	0.95	1.62
CCV METER mg/L	NM	NM	NM	NM

Standard is HACH DPD Chlorine LR secondary GEL Standard. Lot A5318 Verified 6/18/12

Remarks:

Weather Conditions: Sunny 90-95°F
Equipment Blank with D.I. water
Zephyr Hills brand Lot #070512187WF2330929BB
Exp Date 01/04/14
Equipment Blank Data - Collected @ none Collected
pH = ✓ Cond = ✓
Temp = ✓ D.O. = ✓
Turbidity = ✓

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

STANDARD (ntu)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
1000	NM	NM	See Below	Jun-12
100	100	100	See Below	Jun-12
10	10	10	See Below	Jun-12
0.02	.02	.02	See Below	Jun-12

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

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 4.19 on 06/20/12: Update Add Chlorine Meter

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

COPY TO: Nick Giumarelli

SIGNED:

Karen LeBeau
Chris Monaco or Karen LeBeau



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

www.encolabs.com

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6089
(904) 296-3007 Fax (904) 296-6210

Page 1 of 1

Client Name Friends Recycling (FR008)		Project Number 21012	
Address 2350 NW 27th Avenue		Project Name/Desc FRIENDS RECYCLING FORMERLY OCALA RECYCLING	
City/ST/Zip Ocala, FL 34475		PO # / Billing Info	
Tel (352) 622-5800		Reporting Contact Nick Giunarelli	
Fax (352) 622-4999		Billing Contact Nick Giunarelli	
Sampler(s) Name, Affiliation (Print) Chris Mancos Services Inc.		Site Location / Time Zone FL/EST	
Sampler(s) Signature <i>[Signature]</i>		Requested Analyses 8260B Arom/Halo 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	
Lab Workorder A204146		Requested Turnaround Times Note: Rush requests subject to acceptance by the facility ☒ Standard ☐ Expedited Due ____/____/____	

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	HI	NI	SI	I	-	Preservation (See Codes) (Combine as necessary)	Sample Comments
	MW-5	7/27/12	1045	Grab	GW	6	X	X	X	X	X		
	MW-1	7/27/12	0942	Grab	GW	6	X	X	X	X	X		HNO3 preserved container 72 pH
	MW-6	7/27/12	1044	Grab	GW	6	X	X	X	X	X		
	MW-7	7/27/12	1144	Grab	GW	6	X	X	X	X	X		
	MW-8	7/27/12	1109	Grab	GW	6	X	X	X	X	X		
	MW-9S	7/27/12	0915	Grab	GW	6	X	X	X	X	X		
	TRIP BLANK	-	-	-	O	2	X						O = DI WATER

Sample Kit Prepared By <i>[Signature]</i>	Date/Time 7-25-12	Relinquished By <i>[Signature]</i>	Date/Time 7-25-12	Received By <i>[Signature]</i>	Date/Time 7/25/12 1510
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time 7/27/12 1300	Received By <i>[Signature]</i>	Date/Time 7/27/12 1300
		Relinquished By <i>[Signature]</i>	Date/Time 7/27/12 1355	Received By <i>[Signature]</i>	Date/Time 7/27 1355
		Cooler #s & Temps on Receipt	Condition Upon Receipt Acceptable _____ Unacceptable _____		

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: H-HCl H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

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

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



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Thursday, August 9, 2012

Friends Recycling (FR008)

Attn: Nick Giunarelli

2350 NW 27th Avenue

Ocala, FL 34475

RE: Laboratory Results for

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

ENCO Workorder(s): A204146

Dear Nick Giunarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, July 27, 2012.

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

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

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Orlando. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads "Marcia Colon". The signature is fluid and cursive.

Marcia Colon

Project Manager

Enclosure(s)



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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID:	MW-5	Lab ID: A204146-01				Sampled: 07/27/12 10:18		Received: 07/27/12 15:20	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0	07/29/12	10:18		07/27/12	12:43	7/28/2012	01:37		
EPA 300.0	08/24/12			07/27/12	12:43	7/28/2012	01:37		
EPA 350.1	08/24/12			08/03/12	08:22	8/3/2012	09:38		
EPA 420.1	08/24/12			07/30/12	10:08	7/31/2012	11:40		
EPA 6020A	01/23/13			07/31/12	09:58	8/6/2012	21:21		
EPA 6020A	01/23/13			07/31/12	09:58	8/6/2012	21:29		
EPA 7470A	08/24/12			07/31/12	14:23	8/1/2012	07:31		
EPA 8260B	08/10/12			07/31/12	13:00	7/31/2012	19:43		
Field	07/27/12	10:32		07/27/12	10:18	7/27/2012	10:18		
Field	07/28/12	10:18	07/28/12	10:18	07/27/12	10:18	7/27/2012	10:18	
Field	07/29/12	10:18		07/27/12	10:18	7/27/2012	10:18		
SM18 2540C	08/03/12			07/30/12	16:13	7/31/2012	21:20		

Client ID: MW-1		Lab ID: A204146-02				Sampled: 07/27/12 09:42		Received: 07/27/12 15:20	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)			Analysis Date/Time(s)		
EPA 300.0	07/29/12	09:42		07/27/12	12:43		7/28/2012	01:55	
EPA 300.0	08/24/12			07/27/12	12:43		7/28/2012	01:55	
EPA 350.1	08/24/12			08/03/12	08:22		8/3/2012	09:17	
EPA 420.1	08/24/12			07/30/12	10:08		7/31/2012	11:40	
EPA 6020A	01/23/13			07/31/12	09:58		8/6/2012	21:36	
EPA 7470A	08/24/12			07/31/12	14:23		8/1/2012	07:34	
EPA 8260B	08/10/12			07/31/12	13:00		7/31/2012	20:13	
Field	07/27/12	09:56		07/27/12	09:42		7/27/2012	09:42	
Field	07/28/12	09:42	07/28/12 09:42	07/27/12	09:42		7/27/2012	09:42	
Field	07/29/12	09:42		07/27/12	09:42		7/27/2012	09:42	
SM18 2540C	08/03/12			07/30/12	16:13		7/31/2012	21:20	

Client ID:	MW-6	Lab ID: A204146-03				Sampled: 07/27/12 10:44		Received: 07/27/12 15:20	
Parameter		Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0		07/29/12	10:44	07/27/12	12:43	7/28/2012 02:13			
EPA 300.0		08/24/12		07/27/12	12:43	7/28/2012 02:13			
EPA 350.1		08/24/12		08/03/12	08:22	8/3/2012 09:19			
EPA 420.1		08/24/12		07/30/12	10:08	7/31/2012 11:40			
EPA 6020A		01/23/13		07/31/12	09:58	8/6/2012 21:43			
EPA 7470A		08/24/12		07/31/12	14:23	8/1/2012 07:44			
EPA 8260B		08/10/12		07/31/12	13:00	7/31/2012 20:44			
Field		07/27/12	10:58	07/27/12	10:44	7/27/2012 10:44			
Field		07/28/12	10:44	07/28/12	10:44	7/27/2012 10:44			
Field		07/29/12	10:44	07/27/12	10:44	7/27/2012 10:44			
SM18 2540C		08/03/12		07/30/12	16:13	7/31/2012 21:20			



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Client ID:	MW-7	Lab ID: A204146-04				Sampled: 07/27/12 11:44		Received: 07/27/12 15:20	
Parameter		Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 300.0		07/29/12	11:44	07/27/12	12:43	7/28/2012 02:32			
EPA 300.0		08/24/12		07/27/12	12:43	7/28/2012 02:32			
EPA 350.1		08/24/12		08/03/12	08:22	8/3/2012 09:20			
EPA 420.1		08/24/12		07/30/12	10:08	7/31/2012 11:40			
EPA 6020A		01/23/13		07/31/12	09:58	8/6/2012 21:50			
EPA 7470A		08/24/12		07/31/12	14:23	8/1/2012 07:47			
EPA 8260B		08/10/12		07/31/12	13:00	7/31/2012 21:14			
Field		07/27/12	11:58	07/28/12 11:44	07/27/12	11:44	7/27/2012 11:44		
Field		07/28/12	11:44		07/27/12	11:44	7/27/2012 11:44		
Field		07/29/12	11:44		07/27/12	11:44	7/27/2012 11:44		
SM18 2540C		08/03/12			07/30/12	16:13	7/31/2012 21:20		

Client ID: MW-8		Lab ID: A204146-05			Sampled: 07/27/12 11:09		Received: 07/27/12 15:20	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	07/29/12	11:09		07/27/12	12:43	7/28/2012	02:50	
EPA 300.0	08/24/12			07/27/12	12:43	7/28/2012	02:50	
EPA 350.1	08/24/12			08/03/12	08:22	8/3/2012	09:27	
EPA 420.1	08/24/12			07/30/12	10:08	7/31/2012	11:40	
EPA 6020A	01/23/13			07/31/12	09:58	8/6/2012	22:00	
EPA 7470A	08/24/12			07/31/12	14:23	8/1/2012	07:50	
EPA 8260B	08/10/12			07/31/12	13:00	7/31/2012	21:44	
Field	07/27/12	11:23		07/27/12	11:09	7/27/2012	11:09	
Field	07/28/12	11:09	07/28/12 11:09	07/27/12	11:09	7/27/2012	11:09	
Field	07/29/12	11:09		07/27/12	11:09	7/27/2012	11:09	
SM18 2540C	08/03/12			07/30/12	16:13	7/31/2012	21:20	

Client ID: MW-8		Lab ID: A204146-05RE1		Sampled: 07/27/12 11:09		Received: 07/27/12 15:20	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 6020A	01/23/13		07/31/12 09:58		8/7/2012 13:19		

Client ID: MW-9S		Lab ID: A204146-06				Sampled: 07/27/12 09:15		Received: 07/27/12 15:20	
Parameter	Hold Date/Time(s)			Prep Date/Time(s)			Analysis Date/Time(s)		
EPA 300.0	07/29/12	09:15		07/27/12	12:43		7/28/2012	03:08	
EPA 300.0	08/24/12			07/27/12	12:43		7/28/2012	03:08	
EPA 350.1	08/24/12			08/03/12	08:22		8/3/2012	09:28	
EPA 420.1	08/24/12			07/30/12	10:08		7/31/2012	11:40	
EPA 6020A	01/23/13			07/31/12	09:58		8/6/2012	22:07	
EPA 7470A	08/24/12			07/31/12	14:23		8/1/2012	07:53	
EPA 8260B	08/10/12			07/31/12	13:00		7/31/2012	22:14	
Field	07/27/12	09:29		07/27/12	09:15		7/27/2012	09:15	
Field	07/28/12	09:15		07/28/12	09:15		7/27/2012	09:15	
Field	07/29/12	09:15		07/27/12	09:15		7/27/2012	09:15	
SM18 2540C	08/03/12			07/30/12	16:13		7/31/2012	21:20	



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Client ID: TRIP BLANK		Lab ID: A204146-07		Sampled: 07/27/12 00:00		Received: 07/27/12 15:20	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	08/10/12		07/31/12 13:00		7/31/2012 22:44		

SAMPLE DETECTION SUMMARY

Client ID:	MW-5	Lab ID:	A204146-01
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.9		0.015	0.040	mg/L	EPA 350.1	QM-07
Chloride	6.1		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.36		0.00	0.00	mg/L	Field	
Iron - Total	15300		380	500	ug/L	EPA 6020A	
pH	6.50				pH Units	Field	
Sodium - Total	6.03		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	846		0	0	umhos/cm	Field	
Sulfate	3.5	I	0.07	5.0	mg/L	EPA 300.0	
Temperature	21.97		0.00	0.00	°C	Field	
Total Dissolved Solids	540		10	10	mg/L	SM18 2540C	
Turbidity	1.30		0.00	0.00	NTU	Field	
Water Elevation	42.21				Ft	Field	

Client ID:	MW-1	Lab ID:	A204146-02
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.2		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	6.44	I	6.10	10.0	ug/L	EPA 6020A	
Cadmium - Total	2.05	I	1.10	3.00	ug/L	EPA 6020A	
Chloride	34		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.38		0.00	0.00	mg/L	Field	
Iron - Total	2530		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0966	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.77	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.50				pH Units	Field	
Sodium - Total	98.3		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1652		0	0	umhos/cm	Field	
Temperature	21.97		0.00	0.00	°C	Field	
Thallium - Total	0.607	I	0.580	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	1900		10	10	mg/L	SM18 2540C	
Turbidity	0.90		0.00	0.00	NTU	Field	
Water Elevation	42.15				Ft	Field	

Client ID:	MW-6	Lab ID:	A204146-03
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.1	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	1.43		0.00	0.00	mg/L	Field	
Nitrate as N	0.49	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.74				pH Units	Field	
Sodium - Total	3.71		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	536		0	0	umhos/cm	Field	
Sulfate	13		0.07	5.0	mg/L	EPA 300.0	
Temperature	20.11		0.00	0.00	°C	Field	
Total Dissolved Solids	400		10	10	mg/L	SM18 2540C	
Turbidity	3.40		0.00	0.00	NTU	Field	
Water Elevation	42.28				Ft	Field	

Client ID:	MW-7	Lab ID:	A204146-04
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Cadmium - Total	1.48	I	1.10	3.00	ug/L	EPA 6020A	



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Client ID: MW-7	Lab ID: A204146-04						
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	9.8		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.30		0.00	0.00	mg/L	Field	
Mercury - Total	0.0642	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	7.3		0.052	1.0	mg/L	EPA 300.0	
pH	6.50				pH Units	Field	
Sodium - Total	12.8		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	753		0	0	umhos/cm	Field	
Sulfate	37		0.07	5.0	mg/L	EPA 300.0	
Temperature	22.10		0.00	0.00	°C	Field	
Total Dissolved Solids	550		10	10	mg/L	SM18 2540C	
Turbidity	2.80		0.00	0.00	NTU	Field	
Vanadium - Total	13.4		2.00	10.0	ug/L	EPA 6020A	
Water Elevation	42.15				Ft	Field	

Client ID: MW-8	Lab ID: A204146-05						
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.6		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	6.81	I	6.10	10.0	ug/L	EPA 6020A	
Chloride	20		0.29	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	0.95	I	0.53	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.24		0.00	0.00	mg/L	Field	
pH	6.37				pH Units	Field	
Sodium - Total	16.2		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	938		0	0	umhos/cm	Field	
Sulfate	4.0	I	0.07	5.0	mg/L	EPA 300.0	
Temperature	21.96		0.00	0.00	°C	Field	
Total Dissolved Solids	620		10	10	mg/L	SM18 2540C	
Turbidity	5.90		0.00	0.00	NTU	Field	
Water Elevation	42.08				Ft	Field	

Client ID: MW-8	Lab ID: A204146-05RE1						
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	15400		380	500	ug/L	EPA 6020A	

Client ID: MW-9S	Lab ID: A204146-06						
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Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	24		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.42		0.00	0.00	mg/L	Field	
Nitrate as N	0.48	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.60				pH Units	Field	
Sodium - Total	15.1		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	743		0	0	umhos/cm	Field	
Temperature	20.59		0.00	0.00	°C	Field	
Total Dissolved Solids	600		10	10	mg/L	SM18 2540C	
Turbidity	2.90		0.00	0.00	NTU	Field	
Vanadium - Total	3.40	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	41.87				Ft	Field	



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ANALYTICAL RESULTS**Description:** MW-5**Lab Sample ID:** A204146-01**Received:** 07/27/12 15:20**Matrix:** Ground Water**Sampled:** 07/27/12 10:18**Work Order:** A204146**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] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 19:43	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	43	1	50.0	87 %	41-142	2G31024	EPA 8260B	07/31/12 19:43	kat	
Dibromofluoromethane	46	1	50.0	92 %	53-146	2G31024	EPA 8260B	07/31/12 19:43	kat	
Toluene-d8	42	1	50.0	84 %	41-146	2G31024	EPA 8260B	07/31/12 19:43	kat	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-01

Sampled: 07/27/12 10:18

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2G27028	EPA 7470A	08/01/12 07:31	IR	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-01

Sampled: 07/27/12 10:18

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Iron [7439-89-6] ^	15300		ug/L	10	380	500	2G27027	EPA 6020A	08/06/12 21:29	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Sodium [7440-23-5] ^	6.03		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 21:21	JMA	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-01

Sampled: 07/27/12 10:18

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	1.9		mg/L	2	0.015	0.040	2H03006	EPA 350.1	08/03/12 09:38	KGonz	QM-07
Chloride [16887-00-6] ^	6.1		mg/L	1	0.29	5.0	2G27005	EPA 300.0	07/28/12 01:37	RSA	
Nitrate as N [14797-55-8] ^	0.052	U	mg/L	1	0.052	1.0	2G27005	EPA 300.0	07/28/12 01:37	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2G30017	EPA 420.1	07/31/12 11:40	RMM	
Sulfate [14808-79-8] ^	3.5	I	mg/L	1	0.07	5.0	2G27005	EPA 300.0	07/28/12 01:37	RSA	
Total Dissolved Solids [ECL-0156] ^	540		mg/L	1	10	10	2G30034	SM18 2540C	07/31/12 21:20	AH	



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Description: MW-5

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-01

Sampled: 07/27/12 10:18

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Field Parameters

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Dissolved Oxygen [ECL-0053]	0.36		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 10:18	FLD	
pH [ECL-0062]	6.50		pH Units	1			2G18019	Field	07/27/12 10:18	FLD	
Specific Conductance (EC) [ECL-0146]	846		umhos/cm	1	0	0	2G18019	Field	07/27/12 10:18	FLD	
Temperature [ECL-0151]	21.97		°C	1	0.00	0.00	2G18019	Field	07/27/12 10:18	FLD	
Turbidity [ECL-0177]	1.30		NTU	1	0.00	0.00	2G18019	Field	07/27/12 10:18	FLD	
Water Elevation [ECL-0180]	42.21		Ft	1			2G18019	Field	07/27/12 10:18	FLD	



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Description: MW-1

Lab Sample ID: A204146-02

Received: 07/27/12 15:20

Matrix: Ground Water

Sampled: 07/27/12 09:42

Work Order: A204146

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] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 20:13	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	45	1	50.0	91 %	41-142	2G31024	EPA 8260B	07/31/12 20:13	kat	
Dibromofluoromethane	52	1	50.0	103 %	53-146	2G31024	EPA 8260B	07/31/12 20:13	kat	
Toluene-d8	44	1	50.0	88 %	41-146	2G31024	EPA 8260B	07/31/12 20:13	kat	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-02

Sampled: 07/27/12 09:42

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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] ^	0.0966	I	ug/L	1	0.0230	0.200	2G27028	EPA 7470A	08/01/12 07:34	IR	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-02

Sampled: 07/27/12 09:42

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Arsenic [7440-38-2] ^	6.44	I	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Cadmium [7440-43-9] ^	2.05	I	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Iron [7439-89-6] ^	2530		ug/L	1	38.0	50.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Sodium [7440-23-5] ^	98.3		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Thallium [7440-28-0] ^	0.607	I	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-02

Sampled: 07/27/12 09:42

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	1.2		mg/L	1	0.0073	0.020	2H03006	EPA 350.1	08/03/12 09:17	KGonz	
Chloride [16887-00-6] ^	34		mg/L	1	0.29	5.0	2G27005	EPA 300.0	07/28/12 01:55	RSA	
Nitrate as N [14797-55-8] ^	0.77	I	mg/L	1	0.052	1.0	2G27005	EPA 300.0	07/28/12 01:55	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2G30017	EPA 420.1	07/31/12 11:40	RMM	
Total Dissolved Solids [ECL-0156] ^	1900		mg/L	1	10	10	2G30034	SM18 2540C	07/31/12 21:20	AH	



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Description: MW-1

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-02

Sampled: 07/27/12 09:42

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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]	0.38		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 09:42	FLD	
pH [ECL-0062]	6.50		pH Units	1			2G18019	Field	07/27/12 09:42	FLD	
Specific Conductance (EC) [ECL-0146]	1652		umhos/cm	1	0	0	2G18019	Field	07/27/12 09:42	FLD	
Temperature [ECL-0151]	21.97		°C	1	0.00	0.00	2G18019	Field	07/27/12 09:42	FLD	
Turbidity [ECL-0177]	0.90		NTU	1	0.00	0.00	2G18019	Field	07/27/12 09:42	FLD	
Water Elevation [ECL-0180]	42.15		Ft	1			2G18019	Field	07/27/12 09:42	FLD	

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



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Description: MW-6

Lab Sample ID: A204146-03

Received: 07/27/12 15:20

Matrix: Ground Water

Sampled: 07/27/12 10:44

Work Order: A204146

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] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 20:44	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	45	1	50.0	89 %	41-142	2G31024	EPA 8260B	07/31/12 20:44	kat	
Dibromofluoromethane	48	1	50.0	95 %	53-146	2G31024	EPA 8260B	07/31/12 20:44	kat	
Toluene-d8	44	1	50.0	87 %	41-146	2G31024	EPA 8260B	07/31/12 20:44	kat	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-03

Sampled: 07/27/12 10:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2G27028	EPA 7470A	08/01/12 07:44	IR	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-03

Sampled: 07/27/12 10:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Sodium [7440-23-5] ^	3.71		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-03

Sampled: 07/27/12 10:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	2H03006	EPA 350.1	08/03/12 09:19	KGonz	
Chloride [16887-00-6] ^	3.1	I	mg/L	1	0.29	5.0	2G27005	EPA 300.0	07/28/12 02:13	RSA	
Nitrate as N [14797-55-8] ^	0.49	I	mg/L	1	0.052	1.0	2G27005	EPA 300.0	07/28/12 02:13	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2G30017	EPA 420.1	07/31/12 11:40	RMM	
Sulfate [14808-79-8] ^	13		mg/L	1	0.07	5.0	2G27005	EPA 300.0	07/28/12 02:13	RSA	
Total Dissolved Solids [ECL-0156] ^	400		mg/L	1	10	10	2G30034	SM18 2540C	07/31/12 21:20	AH	



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Description: MW-6

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-03

Sampled: 07/27/12 10:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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]	1.43		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 10:44	FLD	
pH [ECL-0062]	6.74		pH Units	1			2G18019	Field	07/27/12 10:44	FLD	
Specific Conductance (EC) [ECL-0146]	536		umhos/cm	1	0	0	2G18019	Field	07/27/12 10:44	FLD	
Temperature [ECL-0151]	20.11		°C	1	0.00	0.00	2G18019	Field	07/27/12 10:44	FLD	
Turbidity [ECL-0177]	3.40		NTU	1	0.00	0.00	2G18019	Field	07/27/12 10:44	FLD	
Water Elevation [ECL-0180]	42.28		Ft	1			2G18019	Field	07/27/12 10:44	FLD	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-04

Sampled: 07/27/12 11:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 21:14	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	46	1	50.0	91 %	41-142	2G31024	EPA 8260B	07/31/12 21:14	kat	
Dibromofluoromethane	49	1	50.0	98 %	53-146	2G31024	EPA 8260B	07/31/12 21:14	kat	
Toluene-d8	43	1	50.0	86 %	41-146	2G31024	EPA 8260B	07/31/12 21:14	kat	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-04

Sampled: 07/27/12 11:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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] ^	0.0642	I	ug/L	1	0.0230	0.200	2G27028	EPA 7470A	08/01/12 07:47	IR	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-04

Sampled: 07/27/12 11:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Cadmium [7440-43-9] ^	1.48	I	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Sodium [7440-23-5] ^	12.8		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 21:50	JMA	
Vanadium [7440-62-2] ^	13.4		ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 21:50	JMA	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-04

Sampled: 07/27/12 11:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	2H03006	EPA 350.1	08/03/12 09:20	KGonz	
Chloride [16887-00-6] ^	9.8		mg/L	1	0.29	5.0	2G27005	EPA 300.0	07/28/12 02:32	RSA	
Nitrate as N [14797-55-8] ^	7.3		mg/L	1	0.052	1.0	2G27005	EPA 300.0	07/28/12 02:32	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2G30017	EPA 420.1	07/31/12 11:40	RMM	
Sulfate [14808-79-8] ^	37		mg/L	1	0.07	5.0	2G27005	EPA 300.0	07/28/12 02:32	RSA	
Total Dissolved Solids [ECL-0156] ^	550		mg/L	1	10	10	2G30034	SM18 2540C	07/31/12 21:20	AH	



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Description: MW-7

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-04

Sampled: 07/27/12 11:44

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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]	0.30		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 11:44	FLD	
pH [ECL-0062]	6.50		pH Units	1			2G18019	Field	07/27/12 11:44	FLD	
Specific Conductance (EC) [ECL-0146]	753		umhos/cm	1	0	0	2G18019	Field	07/27/12 11:44	FLD	
Temperature [ECL-0151]	22.10		°C	1	0.00	0.00	2G18019	Field	07/27/12 11:44	FLD	
Turbidity [ECL-0177]	2.80		NTU	1	0.00	0.00	2G18019	Field	07/27/12 11:44	FLD	
Water Elevation [ECL-0180]	42.15		Ft	1			2G18019	Field	07/27/12 11:44	FLD	



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Description: MW-8

Lab Sample ID: A204146-05

Received: 07/27/12 15:20

Matrix: Ground Water

Sampled: 07/27/12 11:09

Work Order: A204146

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] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.95	I	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 21:44	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	44	1	50.0	87 %	41-142	2G31024	EPA 8260B	07/31/12 21:44	kat	
Dibromofluoromethane	47	1	50.0	94 %	53-146	2G31024	EPA 8260B	07/31/12 21:44	kat	
Toluene-d8	43	1	50.0	86 %	41-146	2G31024	EPA 8260B	07/31/12 21:44	kat	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-05

Sampled: 07/27/12 11:09

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2G27028	EPA 7470A	08/01/12 07:50	IR	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-05

Sampled: 07/27/12 11:09

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Arsenic [7440-38-2] ^	6.81	I	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Iron [7439-89-6] ^	15400		ug/L	10	380	500	2G27027	EPA 6020A	08/07/12 13:19	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Sodium [7440-23-5] ^	16.2		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 22:00	JMA	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-05

Sampled: 07/27/12 11:09

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	1.6		mg/L	1	0.0073	0.020	2H03006	EPA 350.1	08/03/12 09:27	KGonz	
Chloride [16887-00-6] ^	20		mg/L	1	0.29	5.0	2G27005	EPA 300.0	07/28/12 02:50	RSA	
Nitrate as N [14797-55-8] ^	0.052	U	mg/L	1	0.052	1.0	2G27005	EPA 300.0	07/28/12 02:50	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2G30017	EPA 420.1	07/31/12 11:40	RMM	
Sulfate [14808-79-8] ^	4.0	I	mg/L	1	0.07	5.0	2G27005	EPA 300.0	07/28/12 02:50	RSA	
Total Dissolved Solids [ECL-0156] ^	620		mg/L	1	10	10	2G30034	SM18 2540C	07/31/12 21:20	AH	



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Description: MW-8

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-05

Sampled: 07/27/12 11:09

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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	2G18019	Field	07/27/12 11:09	FLD	
pH [ECL-0062]	6.37		pH Units	1			2G18019	Field	07/27/12 11:09	FLD	
Specific Conductance (EC) [ECL-0146]	938		umhos/cm	1	0	0	2G18019	Field	07/27/12 11:09	FLD	
Temperature [ECL-0151]	21.96		°C	1	0.00	0.00	2G18019	Field	07/27/12 11:09	FLD	
Turbidity [ECL-0177]	5.90		NTU	1	0.00	0.00	2G18019	Field	07/27/12 11:09	FLD	
Water Elevation [ECL-0180]	42.08		Ft	1			2G18019	Field	07/27/12 11:09	FLD	



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Description: MW-9S

Lab Sample ID: A204146-06

Received: 07/27/12 15:20

Matrix: Ground Water

Sampled: 07/27/12 09:15

Work Order: A204146

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] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 22:14	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	45	1	50.0	89 %	41-142	2G31024	EPA 8260B	07/31/12 22:14	kat	
Dibromofluoromethane	47	1	50.0	95 %	53-146	2G31024	EPA 8260B	07/31/12 22:14	kat	
Toluene-d8	45	1	50.0	90 %	41-146	2G31024	EPA 8260B	07/31/12 22:14	kat	



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

Lab Sample ID: A204146-06
Sampled: 07/27/12 09:15
Sampled By: Chris Monaco

Received: 07/27/12 15:20
Work Order: A204146

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2G27028	EPA 7470A	08/01/12 07:53	IR	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-06

Sampled: 07/27/12 09:15

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Sodium [7440-23-5] ^	15.1		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Vanadium [7440-62-2] ^	3.40	I	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-06

Sampled: 07/27/12 09:15

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	2H03006	EPA 350.1	08/03/12 09:28	KGonz	
Chloride [16887-00-6] ^	24		mg/L	1	0.29	5.0	2G27005	EPA 300.0	07/28/12 03:08	RSA	
Nitrate as N [14797-55-8] ^	0.48	I	mg/L	1	0.052	1.0	2G27005	EPA 300.0	07/28/12 03:08	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2G30017	EPA 420.1	07/31/12 11:40	RMM	
Total Dissolved Solids [ECL-0156] ^	600		mg/L	1	10	10	2G30034	SM18 2540C	07/31/12 21:20	AH	



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Description: MW-9S

Matrix: Ground Water

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Lab Sample ID: A204146-06

Sampled: 07/27/12 09:15

Sampled By: Chris Monaco

Received: 07/27/12 15:20

Work Order: A204146

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]	0.42		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 09:15	FLD	
pH [ECL-0062]	6.60		pH Units	1			2G18019	Field	07/27/12 09:15	FLD	
Specific Conductance (EC) [ECL-0146]	743		umhos/cm	1	0	0	2G18019	Field	07/27/12 09:15	FLD	
Temperature [ECL-0151]	20.59		°C	1	0.00	0.00	2G18019	Field	07/27/12 09:15	FLD	
Turbidity [ECL-0177]	2.90		NTU	1	0.00	0.00	2G18019	Field	07/27/12 09:15	FLD	
Water Elevation [ECL-0180]	41.87		Ft	1			2G18019	Field	07/27/12 09:15	FLD	



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Description: TRIP BLANK

Lab Sample ID: A204146-07

Received: 07/27/12 15:20

Matrix: Ground Water

Sampled: 07/27/12 00:00

Work Order: A204146

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] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 22:44	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	46	1	50.0	93 %	41-142	2G31024	EPA 8260B	07/31/12 22:44	kat	
Dibromofluoromethane	50	1	50.0	99 %	53-146	2G31024	EPA 8260B	07/31/12 22:44	kat	
Toluene-d8	45	1	50.0	90 %	41-146	2G31024	EPA 8260B	07/31/12 22:44	kat	

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2G31024 - EPA 5030B_MS

Blank (2G31024-BLK1)

Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 14:08

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							
1,1-Dichloroethane	0.62	U	1.0	ug/L							
1,1-Dichloroethene	0.94	U	1.0	ug/L							
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							
1,2-Dichloroethane	0.63	U	1.0	ug/L							
1,2-Dichloropropane	0.80	U	1.0	ug/L							
1,3-Dichlorobenzene	0.77	U	1.0	ug/L							
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	1.9	U	5.0	ug/L							
Benzene	0.71	U	1.0	ug/L							
Bromodichloromethane	0.52	U	1.0	ug/L							
Bromoform	0.75	U	1.0	ug/L							
Bromomethane	0.95	U	1.0	ug/L							
Carbon tetrachloride	0.94	U	1.0	ug/L							
Chlorobenzene	0.72	U	1.0	ug/L							
Chloroethane	0.98	U	1.0	ug/L							
Chloroform	0.80	U	1.0	ug/L							
Chloromethane	0.82	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							
Dibromochloromethane	0.44	U	1.0	ug/L							
Dichlorodifluoromethane	0.74	U	1.0	ug/L							
Ethylbenzene	0.69	U	1.0	ug/L							
m,p-Xylenes	1.3	U	2.0	ug/L							
Methylene chloride	0.71	U	2.0	ug/L							
Methyl-tert-Butyl Ether	0.60	U	1.0	ug/L							
o-Xylene	0.53	U	1.0	ug/L							
Tetrachloroethene	0.76	U	1.0	ug/L							
Toluene	0.72	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							
Trichloroethene	0.89	U	1.0	ug/L							
Trichlorofluoromethane	0.94	U	1.0	ug/L							
Vinyl chloride	0.71	U	1.0	ug/L							
Xylenes (Total)	1.3	U	2.0	ug/L							
Surrogate: 4-Bromofluorobenzene	44			ug/L	50.0		87	41-142			
Surrogate: Dibromofluoromethane	44			ug/L	50.0		88	53-146			
Surrogate: Toluene-d8	44			ug/L	50.0		88	41-146			

LCS (2G31024-BS1)

Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 13:37

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		96	65-144			
Benzene	19		1.0	ug/L	20.0		96	73-138			
Chlorobenzene	22		1.0	ug/L	20.0		110	77-127			
Toluene	22		1.0	ug/L	20.0		108	71-123			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2G31024 - EPA 5030B_MS

LCS (2G31024-BS1) Continued

Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 13:37

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	19		1.0	ug/L	20.0		94	83-133			
Surrogate: 4-Bromofluorobenzene	45			ug/L	50.0		89	41-142			
Surrogate: Dibromofluoromethane	44			ug/L	50.0		89	53-146			
Surrogate: Toluene-d8	44			ug/L	50.0		88	41-146			

Matrix Spike (2G31024-MS1)

Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 14:39

Source: A203798-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0	0.94 U	78	65-144			
Benzene	16		1.0	ug/L	20.0	0.71 U	81	73-138			
Chlorobenzene	17		1.0	ug/L	20.0	0.72 U	86	77-127			
Toluene	17		1.0	ug/L	20.0	0.72 U	86	71-123			
Trichloroethene	14		1.0	ug/L	20.0	0.89 U	71	83-133			QM-07
Surrogate: 4-Bromofluorobenzene	46			ug/L	50.0		92	41-142			
Surrogate: Dibromofluoromethane	46			ug/L	50.0		93	53-146			
Surrogate: Toluene-d8	44			ug/L	50.0		88	41-146			

Matrix Spike Dup (2G31024-MSD1)

Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 15:09

Source: A203798-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0	0.94 U	87	65-144	10	16	
Benzene	17		1.0	ug/L	20.0	0.71 U	87	73-138	7	14	
Chlorobenzene	20		1.0	ug/L	20.0	0.72 U	98	77-127	13	13	
Toluene	19		1.0	ug/L	20.0	0.72 U	94	71-123	8	16	
Trichloroethene	17		1.0	ug/L	20.0	0.89 U	84	83-133	18	20	
Surrogate: 4-Bromofluorobenzene	44			ug/L	50.0		89	41-142			
Surrogate: Dibromofluoromethane	48			ug/L	50.0		96	53-146			
Surrogate: Toluene-d8	45			ug/L	50.0		90	41-146			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 2G27028 - EPA 7470A

Blank (2G27028-BLK1)

Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:06

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

LCS (2G27028-BS1)

Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:09

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.03		0.200	ug/L	5.00		101	80-120			

Matrix Spike (2G27028-MS1)

Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:15



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

Batch 2G27028 - EPA 7470A

Matrix Spike (2G27028-MS1) Continued

Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:15

Source: A204185-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.31		0.200	ug/L	5.00	0.0230 U	106	75-125			

Matrix Spike Dup (2G27028-MSD1)

Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:18

Source: A204185-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.41		0.200	ug/L	5.00	0.0230 U	108	75-125	2	20	

Post Spike (2G27028-PS1)

Prepared: 08/01/2012 06:00 Analyzed: 08/01/2012 07:22

Source: A204185-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.31		0.200	ug/L	5.61	-0.0164	95	80-120			

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

Batch 2G27027 - EPA 3005A

Blank (2G27027-BLK1)

Prepared: 07/31/2012 09:58 Analyzed: 08/06/2012 13:50

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	68.0	U	100	ug/L							
Antimony	1.10	U	20.0	ug/L							
Arsenic	6.10	U	10.0	ug/L							
Cadmium	1.10	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Lead	1.60	U	5.00	ug/L							
Sodium	0.320	U	1.00	mg/L							
Thallium	0.580	U	1.00	ug/L							
Vanadium	2.00	U	10.0	ug/L							

LCS (2G27027-BS1)

Prepared: 07/31/2012 09:58 Analyzed: 08/06/2012 13:57

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1050		100	ug/L	1000		105	80-120			
Antimony	51.5		20.0	ug/L	50.0		103	80-120			
Arsenic	502		10.0	ug/L	500		100	80-120			
Cadmium	50.1		3.00	ug/L	50.0		100	80-120			
Chromium	513		10.0	ug/L	500		103	80-120			
Iron	1030		50.0	ug/L	1000		103	80-120			
Lead	502		5.00	ug/L	500		100	80-120			
Sodium	26.2		1.00	mg/L	25.0		105	80-120			
Thallium	50.7		1.00	ug/L	50.0		101	80-120			
Vanadium	522		10.0	ug/L	500		104	80-120			



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

Batch 2G27027 - EPA 3005A

Matrix Spike (2G27027-MS1)

Prepared: 07/31/2012 09:58 Analyzed: 08/06/2012 14:14

Source: A204185-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1360		100	ug/L	1000	282	108	75-125			
Antimony	51.4		20.0	ug/L	50.0	1.10 U	103	75-125			
Arsenic	499		10.0	ug/L	500	6.10 U	100	75-125			
Cadmium	50.7		3.00	ug/L	50.0	1.10 U	101	75-125			
Chromium	524		10.0	ug/L	500	4.50 U	105	75-125			
Iron	1140		50.0	ug/L	1000	53.0	109	75-125			
Lead	503		5.00	ug/L	500	1.60 U	101	75-125			
Sodium	28.3		1.00	mg/L	25.0	2.05	105	75-125			
Thallium	50.9		1.00	ug/L	50.0	0.580 U	102	75-125			
Vanadium	523		10.0	ug/L	500	2.00 U	105	75-125			

Matrix Spike Dup (2G27027-MSD1)

Prepared: 07/31/2012 09:58 Analyzed: 08/06/2012 14:22

Source: A204185-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1340		100	ug/L	1000	282	106	75-125	2	20	
Antimony	51.6		20.0	ug/L	50.0	1.10 U	103	75-125	0.4	20	
Arsenic	506		10.0	ug/L	500	6.10 U	101	75-125	1	20	
Cadmium	50.9		3.00	ug/L	50.0	1.10 U	102	75-125	0.3	20	
Chromium	515		10.0	ug/L	500	4.50 U	103	75-125	2	20	
Iron	1110		50.0	ug/L	1000	53.0	106	75-125	3	20	
Lead	507		5.00	ug/L	500	1.60 U	101	75-125	0.9	20	
Sodium	28.5		1.00	mg/L	25.0	2.05	106	75-125	0.8	20	
Thallium	51.6		1.00	ug/L	50.0	0.580 U	103	75-125	1	20	
Vanadium	523		10.0	ug/L	500	2.00 U	105	75-125	0.02	20	

Post Spike (2G27027-PS1)

Prepared: 08/06/2012 12:00 Analyzed: 08/06/2012 14:30

Source: A204185-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	124		10.0	ug/L	98.0	27.6	98	80-120			
Antimony	5.16		2.00	ug/L	4.90	0.101	103	80-120			
Arsenic	49.3		1.00	ug/L	49.0	0.0224	100	80-120			
Cadmium	4.96		0.300	ug/L	4.90	-0.0103	101	80-120			
Chromium	50.3		1.00	ug/L	49.0	-0.0578	103	80-120			
Iron	105		5.00	ug/L	98.0	5.19	102	80-120			
Lead	48.8		0.500	ug/L	49.0	0.00931	100	80-120			
Sodium	2740		100	ug/L	2450	201	104	80-120			
Thallium	4.88		0.100	ug/L	4.90	-0.00294	100	80-120			
Vanadium	50.9		1.00	ug/L	49.0	-0.142	104	80-120			

Classical Chemistry Parameters - Quality Control

Batch 2G27005 - NO PREP

Blank (2G27005-BLK1)

Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 17:58

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2G27005 - NO PREP

Blank (2G27005-BLK1) Continued

Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 17:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.29	U	5.0	mg/L							
Nitrate as N	0.052	U	1.0	mg/L							
Sulfate	0.07	U	5.0	mg/L							

LCS (2G27005-BS1)

Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 18:17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	51		5.0	mg/L	50.0		102	90-110			
Nitrate as N	10		1.0	mg/L	10.0		104	90-110			
Sulfate	53		5.0	mg/L	50.0		106	90-110			

Matrix Spike (2G27005-MS1)

Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 18:35

Source: A204185-07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	63		5.0	mg/L	50.0	8.8	109	90-110			
Nitrate as N	13		1.0	mg/L	10.0	2.7	107	90-110			
Sulfate	56		5.0	mg/L	50.0	0.99	111	90-110			QM-07

Matrix Spike Dup (2G27005-MSD1)

Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 18:53

Source: A204185-07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	63		5.0	mg/L	50.0	8.8	109	90-110	0.07	10	
Nitrate as N	13		1.0	mg/L	10.0	2.7	107	90-110	0.06	10	
Sulfate	56		5.0	mg/L	50.0	0.99	111	90-110	0.1	10	QM-07

Batch 2G30017 - NO PREP

Blank (2G30017-BLK1)

Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	20	U	50	ug/L							

LCS (2G30017-BS1)

Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

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

Matrix Spike (2G30017-MS1)

Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

Source: A203845-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	580		50	ug/L	500	130	89	78-110			

Matrix Spike Dup (2G30017-MSD1)

Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2G30017 - NO PREP

Matrix Spike Dup (2G30017-MSD1) Continued

Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

Source: A203845-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	570		50	ug/L	500	130	89	78-110	0.6	10	

Batch 2G30034 - NO PREP

Blank (2G30034-BLK1)

Prepared: 07/30/2012 16:13 Analyzed: 07/31/2012 21:20

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 (2G30034-BS1)

Prepared: 07/30/2012 16:13 Analyzed: 07/31/2012 21:20

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	960		10	mg/L	1000		96	90-110			

Duplicate (2G30034-DUP1)

Prepared: 07/30/2012 16:13 Analyzed: 07/31/2012 21:20

Source: A204146-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	560		10	mg/L		540			2	10	

Batch 2H03006 - NO PREP

Blank (2H03006-BLK1)

Prepared: 08/03/2012 08:22 Analyzed: 08/03/2012 09:09

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

LCS (2H03006-BS1)

Prepared: 08/03/2012 08:22 Analyzed: 08/03/2012 09:12

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

Matrix Spike (2H03006-MS1)

Prepared: 08/03/2012 08:22 Analyzed: 08/03/2012 09:39

Source: A204146-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	2.7		0.040	mg/L	1.00	1.9	85	90-110			QM-07

Matrix Spike Dup (2H03006-MSD1)

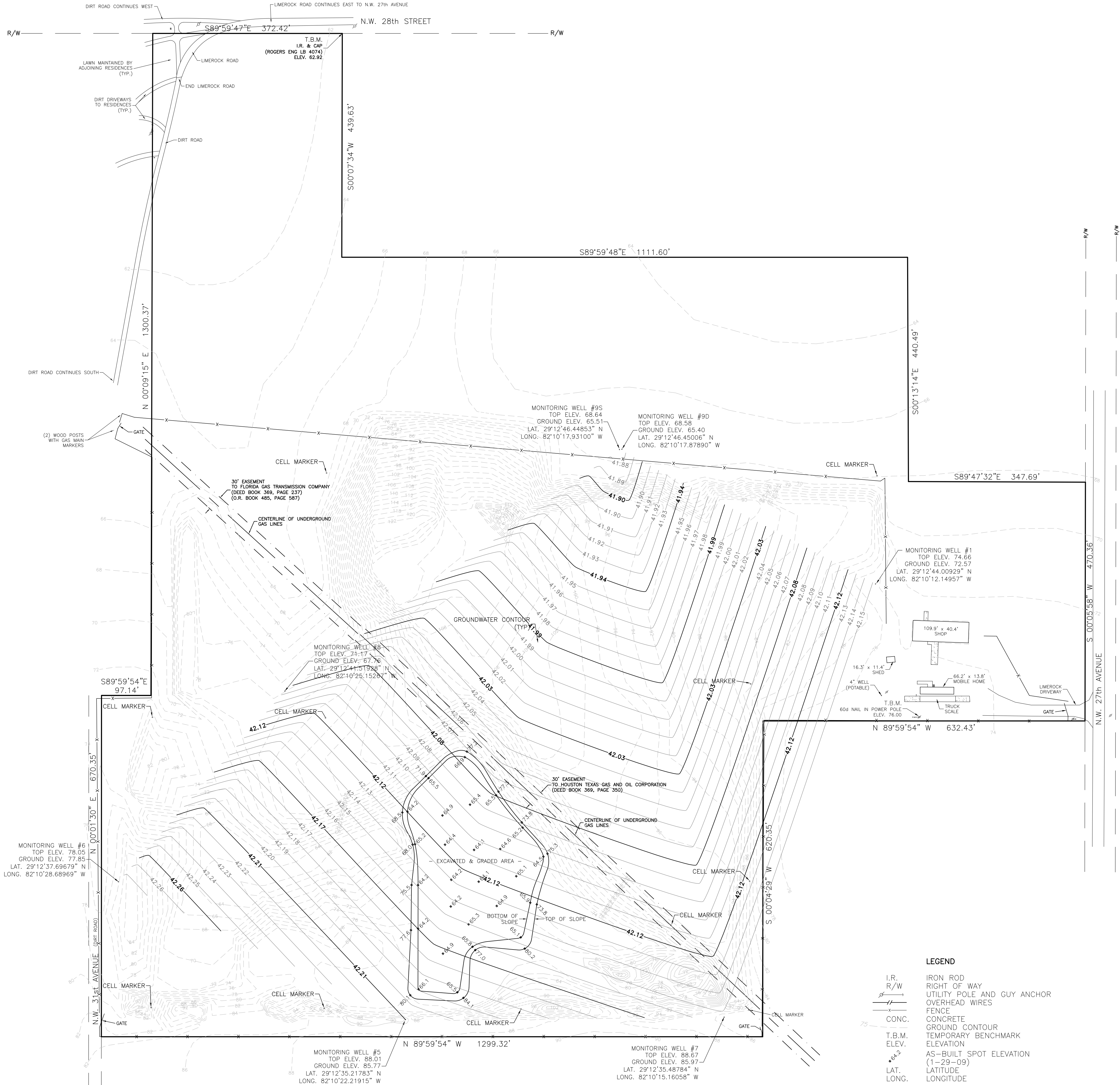
Prepared: 08/03/2012 08:22 Analyzed: 08/03/2012 09:40

Source: A204146-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	2.8		0.040	mg/L	1.00	1.9	91	90-110	2	10	

FLAGS/NOTES AND DEFINITIONS

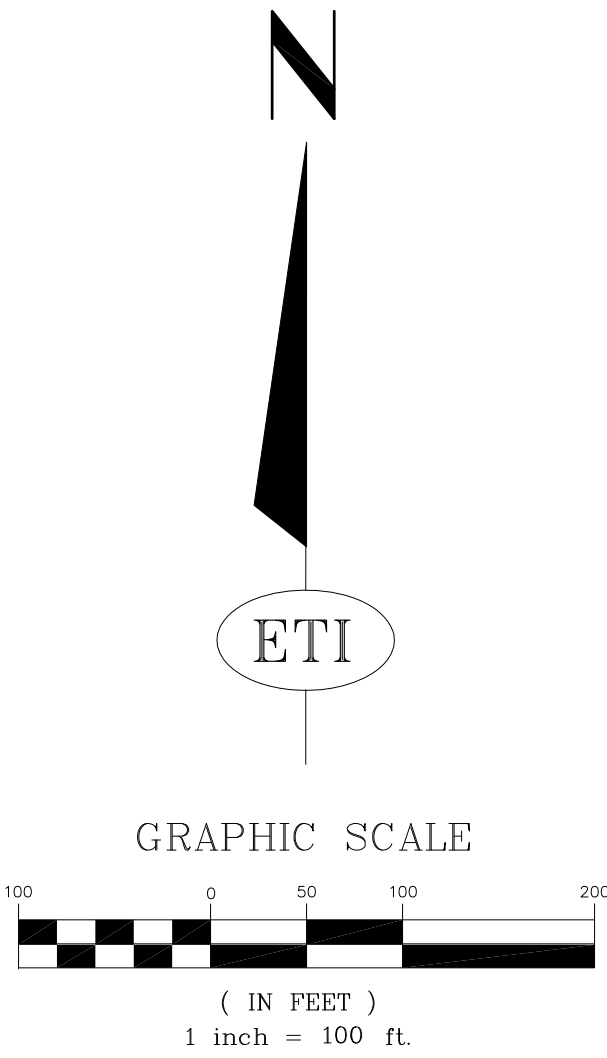
PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; 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.



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

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

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



REVISIONS			
PLOTTED:	RMC-3	N/A	N/A
DRAWN:	RMC-3	N/A	Groundwater contours revised 8-14-2012
DESIGNED:	RMC-3	N/A	
CHECKED:	RMC-3	N/A	
SCALE:		1" = 100'	
GROUNDWATER CONTOURS			
FRIENDS RECYCLING, LLC. MARION COUNTY, FLORIDA			
ENVIRONMENTAL & CIVIL ENGINEERING CONSULTANTS		PHONE: (352) 694-1799	
15290 SE HWY 42, PO BOX 152 WEIRSDALE, FLORIDA 32195		FAX: (866) 832-0250	
SITE PLAN		P.N. 2009-	
ROBERT M. COUCH III, P.E. : FLORIDA REG. No. 55311 DATE : C.O.A. No. 8692		Sht. 1 of 1	