SEMI-ANNUAL MONITORING REPORT

SECOND HALF 2010

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

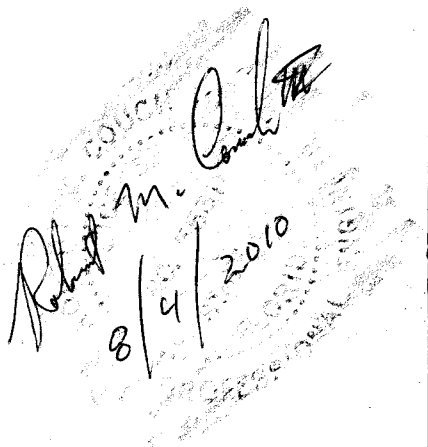
PREPARED FOR:

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 1, 2010



August 1, 2010

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the Second Half of 2010
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 2010 groundwater sampling activities on Monitoring Wells: MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9S. Information about the individual wells is provided in the Appendix of this report.

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

PROJECT LOCATION

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

GROUNDWATER QUALITY ASSESSMENT

On July 16, 2010, (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 16, 2010 sampling event are provided in the Appendix. A summary of the identified peaks equal to greater than the Groundwater Cleanup Target Levels for respective analytical methods are provided in the following tables:

MW-1

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	4.5	2.8	mg/L	EPA 350.1
Iron - Total	5950	300	ug/L	EPA 6020
Sulfate	450	250	mg/L	EPA 300.0
Arsenic	0.0104	0.010	mg/L	EPA 6020
Total Dissolved Solids	1300	500	mg/L	SM182540C

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	9940	300	ug/L	EPA 6020
Total Dissolved Solids	540	500	mg/L	SM18 2540C

MW-6

Analyte	Results	Groundwater Criteria	Units	Method
Aluminum - Total	220	200	mg/L	EPA 6020

MW-7

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	580	500	mg/L	SM18 2540C

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	15500	300	ug/L	EPA 6020
Total Dissolved Solids	640	500	mg/L	SM18 2540C

MW-9S

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	580	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 higher in MW-5 and MW-8 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.

Ammonia as N and Sulfate were lower in MW-1, and Total Aluminum was above GTCLs in MW-6. In addition, Total Dissolved Solids in all monitoring wells except for MW-5 and MW-7 sampled were higher for this sampling event. All of these higher concentrations are expected to be the result of changes in rainfall amounts.

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

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

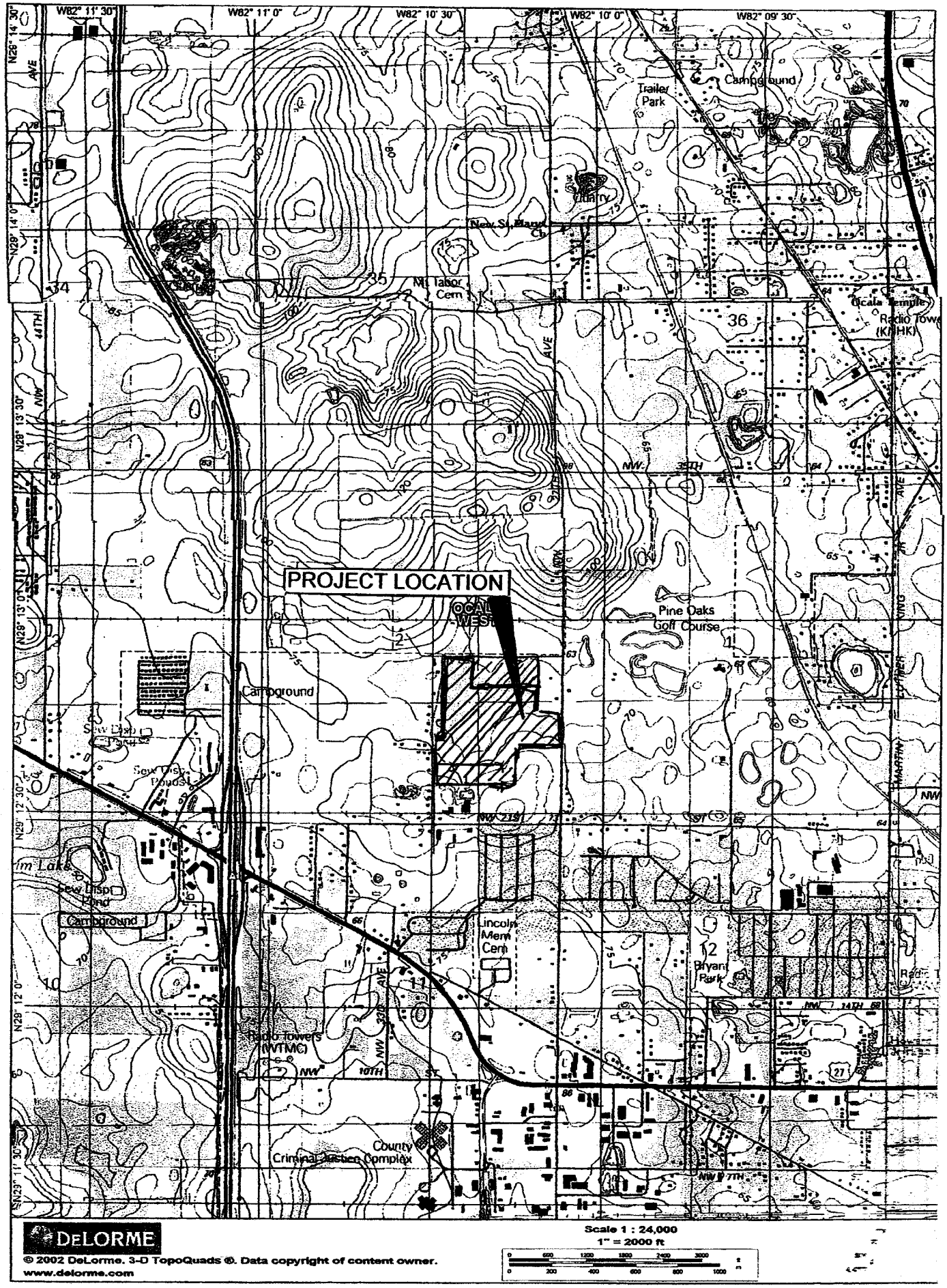
Thank you for the opportunity to provide consulting services to the Friends Recycling C&D Landfill. If you have any questions or comments about this report, please feel free to contact me at (352) 694-1799.

Sincerely,

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

Cc: Gloria Jean DePradine- Florida Department of Environmental Protection

APPENDIX



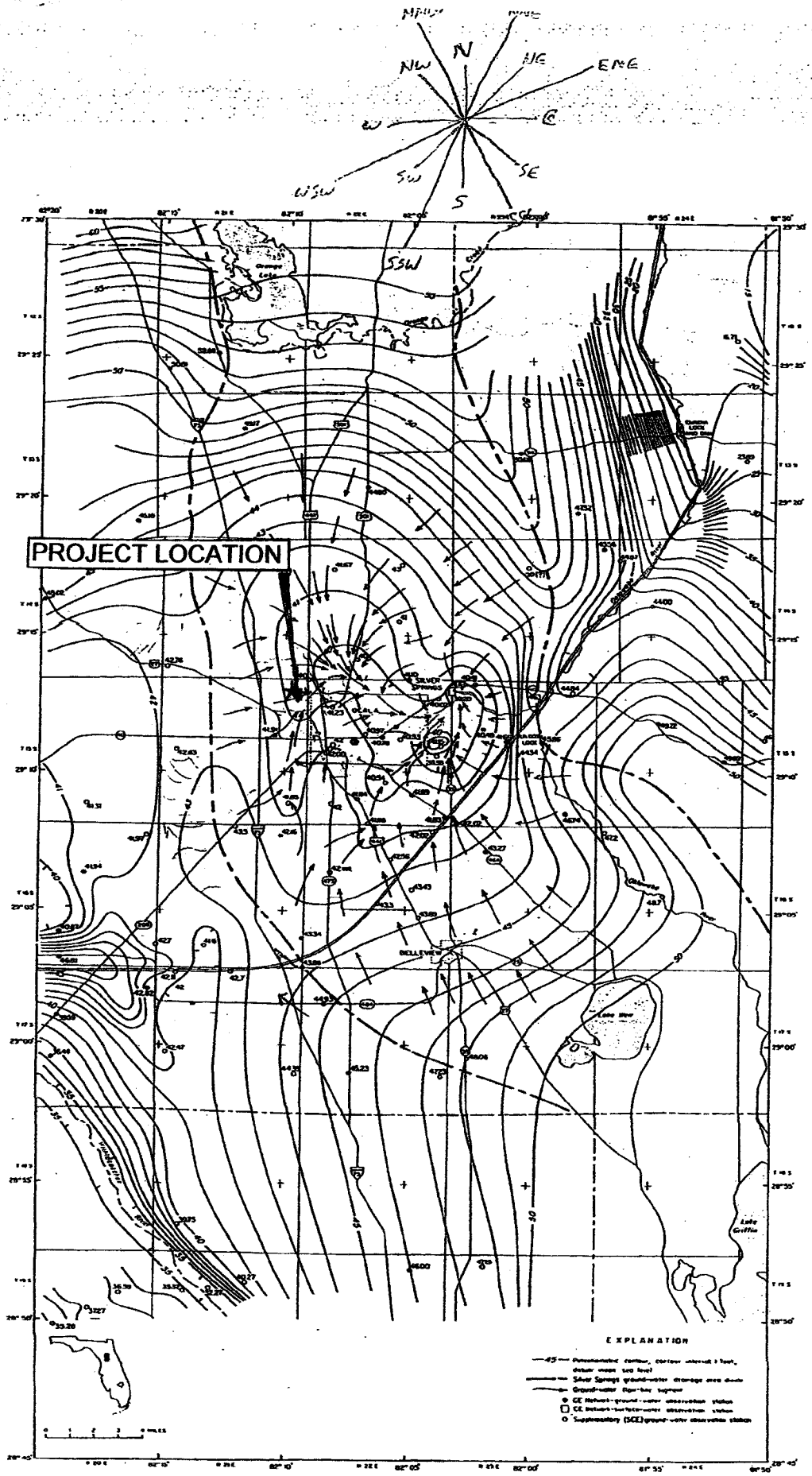


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

www.encolabs.com

Client Name	Project Number
Friends Recycling (FR008)	21012
Address	**Project Name/Desc**
2350 NW 27th Avenue	FRIENDS RECYCLING FORMERLY OCALA RECYCLING
City/ST/Zip	**PO # / Billing Info**
Ocala, FL 34475	
Tel (352) 266-4853 **Fax** (352) 622-4999	**Reporting Contact** Nick Giunarelli Giunarelli 7/16/10
Sampler(s) Name, Affiliation (Print) Chris Monaco,ENCO	**Billing Contact** Nick Giunarelli Giunarelli 7/16/10
Sampler(s) Signature	**Site Location / Time Zone** FL EST

Requested Analyses

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Arom/Halo	Al,As,Cd,Cr,Fe,Na,Pb,Sb,Tl,V, Hg	Ammonia 350.1	Chloride 300,Nitrate as N 300,Sulfate 300	Phenols 420.1	TDS SM2540C					Sample Comments
							Preservation (See Codes) (Combine as necessary)										
							H	N	S	I	S	I					
	MW-5	7/16/10	0948	Grab	GW	6	X	X	X	X	X	X					
	MW-1	7/16/10	0917	Grab	GW	6	X	X	X	X	X	X					
	MW-6	7/16/10	1020	Grab	GW	6	X	X	X	X	X	X					
	MW-7	7/16/10	1142	Grab	GW	6	X	X	X	X	X	X					
	MW-8	7/16/10	1050	Grab	GW	6	X	X	X	X	X	X					
	MW-9S	7/16/10	0851	Grab	GW	6	X	X	X	X	X	X					
	TRIP BLANK	—	—		GW	2	X										
							<-- Total # of Containers										

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder A003334

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
SP	6/24/10 0935		6/24/10 0935		7/16/10 0700
Comments/Special Reporting Requirements		**Relinquished By**	**Date/Time**	**Received By**	**Date/Time**
			7/16/10 1305		7/16 1305
		Relinquished By	**Date/Time**	**Received By**	**Date/Time**
		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: **I**-Ice **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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Friends Recycling	SITE LOCATION:	Marion County, Florida
MONITORING_SITE_NUM: MW-1	WACS_WELL: 18811	DATE:	07/16/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 31.34	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (43.45 feet – 31.34 feet) X .16 gallons/foot = 1.94 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.50	PURGING INITIATED AT: 0859	PURGING ENDED AT: 0912	TOTAL VOLUME PURGED (gallons): 3.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0906	2.10	2.10	.30	31.50	6.51	24.87	1717	.23	4.60	Clear	none
0909	.90	3.00	.30	31.50	6.50	24.93	1716	.26	5.20	Clear	none
0912	.90	3.90	.30	31.50	6.48	25.00	1717	.24	4.60	Clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0912	SAMPLING ENDED AT: 0917
PUMP OR TUBING DEPTH IN WELL (feet): 32.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-1	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-1	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-1	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135

REMARKS:

DTW = 31.34 Reference Elevation = 74.66 GWTE = 43.32 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-5	WACS_WELL: 22912	DATE: 07/16/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 44.81	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (67.45 feet – 44.81 feet) X .16 gallons/foot = 3.62 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 46.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 46.00	PURGING INITIATED AT: 0930	PURGING ENDED AT: 0943	TOTAL VOLUME PURGED (gallons): 7.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0937	4.20	4.20	.60	44.99	6.63	24.07	934	.22	1.80	clear	none
0940	1.80	6.00	.60	44.99	6.62	24.05	931	.15	1.30	Clear	None
0943	1.80	7.80	.60	44.99	6.56	24.05	928	.15	1.30	Clear	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0943	SAMPLING ENDED AT: 0948
PUMP OR TUBING DEPTH IN WELL (feet): 46.00	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-5	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-5	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-5	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135

REMARKS: Slowed pump to sample. Black particles observed in purge water. This well is nearest to asphalt plant, samplers can smell hot asphalt.

DTW = 44.81 Reference Elevation = 88.01 GWTE = 43.20 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Friends Recycling	SITE LOCATION:	Marion County, Florida
MONITORING_SITE_NUM: **MW-6**	WACS_WELL: 22913	DATE:	07/16/10

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	40 feet to 50 feet	34.63	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (53.10 feet – 34.63 feet) X .16 gallons/foot = 2.96 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
36.00	36.00	0958	1014	4.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1008	3.00	3.00	.30	34.90	6.90	24.02	686	1.59	17.50	Clear	none
1011	.90	3.90	.30	34.90	6.92	24.02	700	1.53	10.80	Clear	none
1014	.90	4.80	.30	34.90	6.95	24.00	711	1.53	6.30	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		1014	1020

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
36.00	PE		

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-6	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-6	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-6	1	AG	250mL	H_2SO_4	None	<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:

DTW = 34.63 Reference Elevation = 78.05 GWTE = 43.42 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-7	WACS_WELL: 22914	DATE: 07/16/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 41 feet to 51 feet	STATIC DEPTH TO WATER (feet): ~~27.95~~ 45.43	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (53.80 feet – ~~27.95~~ 45.43 feet) X .16 gallons/foot = 1.34 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 47.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 48.00	PURGING INITIATED AT: 1124	PURGING ENDED AT: 1136	TOTAL VOLUME PURGED (gallons): 3.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1130	1.80	1.80	.30	46.81	6.35	25.11	951	.26	8.80	Clear	none
1133	.90	2.70	.30	46.81	6.36	25.14	952	.20	3.80	clear	none
1136	.90	3.60	.30	46.81	6.37	25.14	950	.17	2.30	Clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

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: 1142
PUMP OR TUBING DEPTH IN WELL (feet): 48.00	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-7	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-7	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-7	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-7	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135

REMARKS:

DTW = ~~27.95~~ 45.43 Reference Elevation = 88.67 GWTE = 43.24 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-8	WACS_WELL: 22915	DATE: 07/16/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 27.95	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.24 feet – 27.95 feet) X .16 gallons/foot = 1.00 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.00	PURGING INITIATED AT: 1031	PURGING ENDED AT: 1043	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1037	1.20	1.20	.20	28.01	6.33	25.05	1134	.23	4.60	Clear	none
1040	.60	1.80	.20	28.01	6.31	25.09	1139	.17	3.10	clear	none
1043	.60	2.40	.20	28.01	6.32	25.13	1141	.17	2.80	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1043	SAMPLING ENDED AT: 1050
PUMP OR TUBING DEPTH IN WELL (feet): 29.00	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-8	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-8	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 757
MW-8	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 757
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 757

REMARKS:

DTW = 27.95 Reference Elevation = 71.17 GWTE = 43.22 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-9S	WACS_WELL: 22916	DATE: 07/16/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 25.61	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (32.80 feet – 25.61 feet) X .16 gallons/foot = 1.15 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.00	PURGING INITIATED AT: 0829	PURGING ENDED AT: 0846	TOTAL VOLUME PURGED (gallons): 5.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0840	3.30	3.30	.30	25.71	6.64	23.05	861	.22	15.50	Clear	none
0843	.90	4.20	.30	25.71	6.59	23.07	871	.19	9.20	Clear	none
0846	.90	5.10	.30	25.71	6.57	23.09	888	.24	4.90	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0846	SAMPLING ENDED AT: 0851
PUMP OR TUBING DEPTH IN WELL (feet): 27.00	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] 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-9S	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-9S	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-9S	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-9S	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135

REMARKS:

DTW = 25.61 Reference Elevation = 68.64 GWTE = 43.03 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

CALIBRATION LOG

ITS Work Order Number: FRL-04-071610

CLIENT: Friends Recycling

ADDRESS: 2350 NW 27th Ave.

CITY, STATE: Ocala, Fl 34475

Site: Friends Recycling C&D Landfill

START CAL DATE @ TIME: 07/16/10 @ 0740

END CALIBRATION DATE @ TIME: 07/16/10 @ 1530

YSI 556 MULTI PARAMETER METER - S/N 07D100973 (ITS #3) REV 3.12

pH Sensor Per DEP-SOP-001/01 FT 1100

Standard	METER READING START	METER READING END	VERIFY @ START	LOT NUMBER	EXP DATE
4.01	4.01	3.99	—	2004187	May-12
7.00	7.00	6.99	7.00	2004590	Apr-12
10.00	10.00	9.98	—	2912603	Jun-11

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

Temperature Sensor Per DEP-SOP-001/01 FT 1400

STANDARD (ERTCO Thermometer)		YSI METER TEMP READING LOW	YSI METER TEMP READING HIGH	LOT NUMBER	DATE PERFORMED (Quarterly)
LOW	4.27	4.32		NA	06/21/10
HIGH	31.42		31.49		06/21/10

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)	START METER READING	END METER READING	LOT NUMBER	EXPIRATION DATE
0.00	.24	.24	2005203	May-11
fresh air @				
22.31 °C	8.69			
30.23 °C		7.52		

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

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

STANDARD µmhos	START METER READING	END METER READING	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	9AG154	Jul-10
2,764	2764	2,768	2005407	May-11
447	NM	NM	NA	NA
84	84	84	2005073	May-11

8,974 standard prepared by USA Blue Book. 2,764 and 84 prepared by Oakton. All standards are potassium chloride solutions.

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

STANDARD (mV)	START METER READING	END METER READING	LOT NUMBER	EXPIRATION DATE
200 @ 25°C	NM	NM	9AH048	Feb-10

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

Notes:

NA - not applicable

NM - not measured

Form Rev 3.12 on 06/21/10: Updated Lot and EXP Date of pH, Cond and Zero D.O. standards. Record new TEMP. verification

HF SCIENTIFIC DTR-15CE TURBIDITY METER - MODEL # 19057 S/N 804099 Per DEP-SOP-001/01 FT 1600 (ITSNTU # 2)

STANDARD (ntu)	START METER READING	END METER READING	LOT NUMBER	EXPIRATION DATE
1000	1000	1000	See Below	Jan-11
100	100	100	See Below	Jan-11
10	10	10	See Below	Jan-11
0.02	.02	.02	See Below	Jan-11

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 29071, Lot# 90794

Remarks:

Weather Conditions: SE wind Summer South East + 80-85° F Clear & Sunny

Equipment Blank with D.I. water

Zephyr Hills brand Lot #033010089WF233081488

Exp Date 03/30/12

Equipment Blank Data - Collected @ **NONE COLLECTED**

pH = NM Cond = NM

Temp = NM D.O. = NM

Turbidity = NM

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

COPY TO: Nick Giumarelli

SIGNED: Chris Monaco or Karen LeBeau

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5 | **Lab ID: A003334-01** | **Sampled: 07/16/10 09:48** | **Received: 07/16/10 14:20**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	07/18/10	09:48			07/16/10	16:00	7/16/2010 20:20
EPA 300.0	08/13/10				07/16/10	16:00	7/16/2010 20:20
EPA 350.1	08/13/10				07/19/10	08:08	7/19/2010 13:53
EPA 420.1	08/13/10				07/21/10	15:17	7/22/2010 13:15
EPA 6020A	01/12/11				07/19/10	14:54	7/21/2010 14:55
EPA 7470A	08/13/10				07/21/10	13:37	7/22/2010 08:11
EPA 8260B	07/30/10				07/21/10	10:41	7/21/2010 13:33
Field	07/16/10	10:02			07/16/10	09:48	7/16/2010 09:48
Field	07/17/10	09:48	07/17/10	09:48	07/16/10	09:48	7/16/2010 09:48
Field	07/18/10	09:48			07/16/10	09:48	7/16/2010 09:48
SM18 2540C	07/23/10				07/21/10	20:10	7/22/2010 22:15

Client ID: MW-1 | **Lab ID: A003334-02** | **Sampled: 07/16/10 09:17** | **Received: 07/16/10 14:20**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	07/18/10	09:17			07/16/10	16:00	7/16/2010 20:38
EPA 300.0	08/13/10				07/16/10	16:00	7/16/2010 20:38
EPA 350.1	08/13/10				07/19/10	08:08	7/19/2010 14:24
EPA 420.1	08/13/10				07/21/10	15:17	7/22/2010 13:15
EPA 6020A	01/12/11				07/19/10	14:54	7/21/2010 15:05
EPA 7470A	08/13/10				07/21/10	13:37	7/22/2010 08:21
EPA 8260B	07/30/10				07/21/10	10:41	7/21/2010 14:03
Field	07/16/10	09:31			07/16/10	09:17	7/16/2010 09:17
Field	07/17/10	09:17	07/17/10	09:17	07/16/10	09:17	7/16/2010 09:17
Field	07/18/10	09:17			07/16/10	09:17	7/16/2010 09:17
SM18 2540C	07/23/10				07/21/10	20:10	7/22/2010 22:15

Client ID: MW-1 | **Lab ID: A003334-02RE1** | **Sampled: 07/16/10 09:17** | **Received: 07/16/10 14:20**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	08/13/10	07/16/10	16:00	7/16/2010 20:56

Client ID: MW-6 | **Lab ID: A003334-03** | **Sampled: 07/16/10 10:20** | **Received: 07/16/10 14:20**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	07/18/10	10:20			07/16/10	16:00	7/16/2010 21:13
EPA 300.0	08/13/10				07/16/10	16:00	7/16/2010 21:13
EPA 350.1	08/13/10				07/19/10	08:08	7/19/2010 13:59
EPA 420.1	08/13/10				07/21/10	15:17	7/22/2010 13:15
EPA 6020A	01/12/11				07/19/10	14:54	7/21/2010 15:12
EPA 7470A	08/13/10				07/21/10	13:37	7/22/2010 08:24
EPA 8260B	07/30/10				07/21/10	10:41	7/21/2010 14:33
Field	07/16/10	10:34			07/16/10	10:20	7/16/2010 10:20
Field	07/17/10	10:20	07/17/10	10:20	07/16/10	10:20	7/16/2010 10:20
Field	07/18/10	10:20			07/16/10	10:20	7/16/2010 10:20
SM18 2540C	07/23/10				07/21/10	20:10	7/22/2010 22:15

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Client ID: MW-7	Lab ID: A003334-04	Sampled: 07/16/10 11:42	Received: 07/16/10 14:20

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	07/18/10	11:42			07/16/10	16:00	7/16/2010 21:31
EPA 300.0	08/13/10				07/16/10	16:00	7/16/2010 21:31
EPA 350.1	08/13/10				07/19/10	08:08	7/19/2010 14:00
EPA 420.1	08/13/10				07/21/10	15:17	7/22/2010 13:15
EPA 6020A	01/12/11				07/19/10	14:54	7/21/2010 15:19
EPA 7470A	08/13/10				07/21/10	13:37	7/22/2010 08:27
EPA 8260B	07/30/10				07/21/10	10:41	7/21/2010 15:03
Field	07/16/10	11:56			07/16/10	11:42	7/16/2010 11:42
Field	07/17/10	11:42	07/17/10	11:42	07/16/10	11:42	7/16/2010 11:42
Field	07/18/10	11:42			07/16/10	11:42	7/16/2010 11:42
SM18 2540C	07/23/10				07/21/10	20:10	7/22/2010 22:15

Client ID: MW-8	Lab ID: A003334-05	Sampled: 07/16/10 10:50	Received: 07/16/10 14:20

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	07/18/10	10:50			07/16/10	16:00	7/16/2010 21:49
EPA 300.0	08/13/10				07/16/10	16:00	7/16/2010 21:49
EPA 350.1	08/13/10				07/19/10	08:08	7/19/2010 14:01
EPA 420.1	08/13/10				07/21/10	15:17	7/22/2010 13:15
EPA 6020A	01/12/11				07/19/10	14:54	7/21/2010 15:29
EPA 7470A	08/13/10				07/21/10	13:37	7/22/2010 08:30
EPA 8260B	07/30/10				07/21/10	10:41	7/21/2010 15:33
Field	07/16/10	11:04			07/16/10	10:50	7/16/2010 10:50
Field	07/17/10	10:50	07/17/10	10:50	07/16/10	10:50	7/16/2010 10:50
Field	07/18/10	10:50			07/16/10	10:50	7/16/2010 10:50
SM18 2540C	07/23/10				07/21/10	20:10	7/22/2010 22:15

Client ID: MW-9S	Lab ID: A003334-06	Sampled: 07/16/10 08:51	Received: 07/16/10 14:20

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	07/18/10	08:51			07/16/10	16:00	7/16/2010 22:07
EPA 300.0	08/13/10				07/16/10	16:00	7/16/2010 22:07
EPA 350.1	08/13/10				07/19/10	08:08	7/19/2010 14:02
EPA 420.1	08/13/10				07/19/10	09:30	7/20/2010 15:05
EPA 6020A	01/12/11				07/19/10	14:54	7/21/2010 15:36
EPA 7470A	08/13/10				07/21/10	13:37	7/22/2010 08:33
EPA 8260B	07/30/10				07/21/10	10:41	7/21/2010 16:03
Field	07/16/10	09:05			07/16/10	08:51	7/16/2010 08:51
Field	07/17/10	08:51	07/17/10	08:51	07/16/10	08:51	7/16/2010 08:51
Field	07/18/10	08:51			07/16/10	08:51	7/16/2010 08:51
SM18 2540C	07/23/10				07/21/10	20:10	7/22/2010 22:15

Client ID: TRIP BLANK	Lab ID: A003334-07	Sampled: 07/16/10 00:00	Received: 07/16/10 14:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	07/30/10	07/21/10	10:41	7/21/2010 16:33

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SAMPLE DETECTION SUMMARY

Client ID: MW-5			Lab ID: A003334-01				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Ammonia as N	1.1		0.010	0.020	mg/L	EPA 350.1	
Arsenic - Total	5.42	I	4.00	10.0	ug/L	EPA 6020A	
Chloride	8.9		0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.15		0.00	0.00	mg/L	Field	
Iron - Total	9940		38.0	50.0	ug/L	EPA 6020A	
pH	6.56				pH Units	Field	
Phenolics	10	I	10	50	ug/L	EPA 420.1	
Sodium - Total	5.45		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	928		0	0	umhos/cm	Field	
Sulfate	22		0.11	5.0	mg/L	EPA 300.0	
Temperature	24.05		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	43.02				Ft	Field	

Client ID: MW-1			Lab ID: A003334-02				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Ammonia as N	4.5	2.5	0.050	0.10	mg/L	EPA 350.1	
Arsenic - Total	10.4	10.0	4.00	10.0	ug/L	EPA 6020A	
Chloride	28	250	0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.24		0.00	0.00	mg/L	Field	
Iron - Total	5950	300	38.0	50.0	ug/L	EPA 6020A	
pH	6.48				pH Units	Field	
Sodium - Total	53.5	150	0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1717		0	0	umhos/cm	Field	
Temperature	25.00		0.00	0.00	°C	Field	
Thallium - Total	0.595	I 2.0	0.260	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	1300	500	10	10	mg/L	SM18 2540C	
Turbidity	4.60	10	0.00	0.00	NTU	Field	
Water Elevation	43.16				Ft	Field	

Client ID: MW-1			Lab ID: A003334-02RE1				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Sulfate	450	250	1.1	50	mg/L	EPA 300.0	

Client ID: MW-6			Lab ID: A003334-03				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Aluminum - Total	220	200	68.0	100	ug/L	EPA 6020A	
Chloride	3.0	I	0.24	5.0	mg/L	EPA 300.0	
Chloromethane	0.55	I	0.53	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	1.53		0.00	0.00	mg/L	Field	
Iron - Total	39.6	I	38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0330	I	0.0240	0.200	ug/L	EPA 7470A	
Nitrate as N	1.2	10	0.10	1.0	mg/L	EPA 300.0	
pH	6.95				pH Units	Field	
Sodium - Total	7.82		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	711		0	0	umhos/cm	Field	
Sulfate	35		0.11	5.0	mg/L	EPA 300.0	
Temperature	24.00		0.00	0.00	°C	Field	

Client ID: MW-6 **Lab ID:** A003334-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Total Dissolved Solids	400		10	10	mg/L	SM18 2540C	
Turbidity	6.30		0.00	0.00	NTU	Field	
Vanadium - Total	2.78	4q I	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	43.15				Ft	Field	

Client ID: MW-7 **Lab ID:** A003334-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.015	I	0.010	0.020	mg/L	EPA 350.1	
Chloride	9.6		0.24	5.0	mg/L	EPA 300.0	
Chloromethane	0.58	I	0.53	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.17		0.00	0.00	mg/L	Field	
Mercury - Total	0.0928	2.0I	0.0240	0.200	ug/L	EPA 7470A	
Nitrate as N	6.1		0.10	1.0	mg/L	EPA 300.0	
pH	6.37				pH Units	Field	
Sodium - Total	11.4		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	950		0	0	umhos/cm	Field	
Sulfate	29		0.11	5.0	mg/L	EPA 300.0	
Temperature	25.14		0.00	0.00	°C	Field	
Thallium - Total	0.484	I	0.260	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	580		10	10	mg/L	SM18 2540C	
Turbidity	2.30		0.00	0.00	NTU	Field	
Vanadium - Total	12.9		0.960	10.0	ug/L	EPA 6020A	
Water Elevation	41.86				Ft	Field	

Client ID: MW-8 **Lab ID:** A003334-05

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.98		0.010	0.020	mg/L	EPA 350.1	
Benzene	2.2		0.35	1.0	ug/L	EPA 8260B	
Chloride	13		0.24	5.0	mg/L	EPA 300.0	
Chloromethane	0.53	I	0.53	1.0	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	1.2	7e	0.41	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.17		0.00	0.00	mg/L	Field	
Ethylbenzene	0.61	I	0.43	1.0	ug/L	EPA 8260B	
Iron - Total	15500		380	500	ug/L	EPA 6020A	
pH	6.32				pH Units	Field	
Sodium - Total	8.32		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1141		0	0	umhos/cm	Field	
Sulfate	3.3	I	0.11	5.0	mg/L	EPA 300.0	
Temperature	25.13		0.00	0.00	°C	Field	
Toluene	0.49	I	0.43	1.0	ug/L	EPA 8260B	
Total Dissolved Solids	640		10	10	mg/L	SM18 2540C	
Trichloroethene	0.71	I	0.39	1.0	ug/L	EPA 8260B	
Turbidity	2.80		0.00	0.00	NTU	Field	
Water Elevation	43.16				Ft	Field	

Client ID: MW-9S **Lab ID:** A003334-06

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	81.4	I	68.0	100	ug/L	EPA 6020A	
Chloride	28		0.24	5.0	mg/L	EPA 300.0	
Chloroform	0.44	I	0.37	1.0	ug/L	EPA 8260B	
Chloromethane	0.58	I	0.53	1.0	ug/L	EPA 8260B	

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Client ID: MW-9S	Lab ID: A003334-06						
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Dissolved Oxygen	0.24		0.00	0.00	mg/L	Field	
Mercury - Total	0.0573	I	0.0240	0.200	ug/L	EPA 7470A	
Nitrate as N	0.27	I	0.10	1.0	mg/L	EPA 300.0	
pH	6.57				pH Units	Field	
Sodium - Total	12.0		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	888		0	0	umhos/cm	Field	
Sulfate	65		0.11	5.0	mg/L	EPA 300.0	
Temperature	23.09		0.00	0.00	°C	Field	
Total Dissolved Solids	580		10	10	mg/L	SM18 2540C	
Turbidity	4.90		0.00	0.00	NTU	Field	
Vanadium - Total	5.46	I	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	42.93				Ft	Field	

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ANALYTICAL RESULTS

Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-01
Sampled: 07/16/10 09:48
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 13:33	kdw	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	41	1	50.0	83 %	41-142	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Dibromofluoromethane	43	1	50.0	87 %	53-146	0G21015	EPA 8260B	07/21/10 13:33	kdw	
Toluene-d8	43	1	50.0	85 %	41-146	0G21015	EPA 8260B	07/21/10 13:33	kdw	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-01
Sampled: 07/16/10 09:48
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Metals 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
Mercury [7439-97-6] ^	0.0240	U	ug/L	1	0.0240	0.200	0G16012	EPA 7470A	07/22/10 08:11	JMA	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-01
Sampled: 07/16/10 09:48
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

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	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Arsenic [7440-38-2] ^	**5.42**	I	ug/L	1	4.00	10.0	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Iron [7439-89-6] ^	**9940**		ug/L	1	38.0	50.0	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Sodium [7440-23-5] ^	**5.45**		mg/L	1	0.320	1.00	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	0G16032	EPA 6020A	07/21/10 14:55	JAY	
Vanadium [7440-62-2] ^	0.960	U	ug/L	1	0.960	10.0	0G16032	EPA 6020A	07/21/10 14:55	JAY	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-01
Sampled: 07/16/10 09:48
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	**1.1**		mg/L	1	0.010	0.020	0G19007	EPA 350.1	07/19/10 13:53	KG	
Chloride [16887-00-6] ^	**8.9**		mg/L	1	0.24	5.0	0G16015	EPA 300.0	07/16/10 20:20	RSA	
Nitrate as N [14797-55-8] ^	0.10	U	mg/L	1	0.10	1.0	0G16015	EPA 300.0	07/16/10 20:20	RSA	
Phenolics [ECL-0123] ^	**10**	I	ug/L	1	10	50	0G21030	EPA 420.1	07/22/10 13:15	RMM	
Sulfate [14808-79-8] ^	**22**		mg/L	1	0.11	5.0	0G16015	EPA 300.0	07/16/10 20:20	RSA	
Total Dissolved Solids [ECL-0156] ^	**540**		mg/L	1	10	10	0G21031	SM18 2540C	07/22/10 22:15	AH	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-02
Sampled: 07/16/10 09:17
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 14:03	kdw	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*41-142*	*0G21015*	*EPA 8260B*	*07/21/10 14:03*	*kdw*	
Dibromofluoromethane	*44*	*1*	*50.0*	*87 %*	*53-146*	*0G21015*	*EPA 8260B*	*07/21/10 14:03*	*kdw*	
Toluene-d8	*43*	*1*	*50.0*	*87 %*	*41-146*	*0G21015*	*EPA 8260B*	*07/21/10 14:03*	*kdw*	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-02
Sampled: 07/16/10 09:17
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Metals 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
Mercury [7439-97-6] ^	0.0240	U	ug/L	1	0.0240	0.200	0G16012	EPA 7470A	07/22/10 08:21	JMA	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-02
Sampled: 07/16/10 09:17
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

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	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Arsenic [7440-38-2] ^	**10.4**		ug/L	1	4.00	10.0	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Iron [7439-89-6] ^	**5950**		ug/L	1	38.0	50.0	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Sodium [7440-23-5] ^	**53.5**		mg/L	1	0.320	1.00	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Thallium [7440-28-0] ^	**0.595**	I	ug/L	1	0.260	1.00	0G16032	EPA 6020A	07/21/10 15:05	JAY	
Vanadium [7440-62-2] ^	0.960	U	ug/L	1	0.960	10.0	0G16032	EPA 6020A	07/21/10 15:05	JAY	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-02
Sampled: 07/16/10 09:17
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	**4.5**		mg/L	5	0.050	0.10	0G19007	EPA 350.1	07/19/10 14:24	KG	
Chloride [16887-00-6] ^	**28**		mg/L	1	0.24	5.0	0G16015	EPA 300.0	07/16/10 20:38	RSA	
Nitrate as N [14797-55-8] ^	0.10	U	mg/L	1	0.10	1.0	0G16015	EPA 300.0	07/16/10 20:38	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0G21030	EPA 420.1	07/22/10 13:15	RMM	
Sulfate [14808-79-8] ^	**450**	/6 c	mg/L	10	1.1	50	0G16015	EPA 300.0	07/16/10 20:56	RSA	
Total Dissolved Solids [ECL-0156] ^	**1300**		mg/L	1	10	10	0G21031	SM18 2540C	07/22/10 22:15	AH	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-02
Sampled: 07/16/10 09:17
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.24		mg/L	1	0.00	0.00	0G19019	Field	07/16/10 09:17	FLD	
pH [ECL-0062]	6.48		pH Units	1			0G19019	Field	07/16/10 09:17	FLD	
Specific Conductance (EC) [ECL-0146]	1717		umhos/cm	1	0	0	0G19019	Field	07/16/10 09:17	FLD	
Temperature [ECL-0151]	25.00		°C	1	0.00	0.00	0G19019	Field	07/16/10 09:17	FLD	
Turbidity [ECL-0177]	4.60		NTU	1	0.00	0.00	0G19019	Field	07/16/10 09:17	FLD	
Water Elevation [ECL-0180]	43.16		Ft	1			0G19019	Field	07/16/10 09:17	FLD	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-03
Sampled: 07/16/10 10:20
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Chloromethane [74-87-3] ^	**0.55**	I	ug/L	1	0.53	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 14:33	kdw	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*41-142*	*0G21015*	*EPA 8260B*	*07/21/10 14:33*	*kdw*	
Dibromofluoromethane	*45*	*1*	*50.0*	*91 %*	*53-146*	*0G21015*	*EPA 8260B*	*07/21/10 14:33*	*kdw*	
Toluene-d8	*43*	*1*	*50.0*	*87 %*	*41-146*	*0G21015*	*EPA 8260B*	*07/21/10 14:33*	*kdw*	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-03
Sampled: 07/16/10 10:20
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0330	I	ug/L	1	0.0240	0.200	0G16012	EPA 7470A	07/22/10 08:24	JMA	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-03
Sampled: 07/16/10 10:20
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

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] ^	**220**		ug/L	1	68.0	100	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Iron [7439-89-6] ^	**39.6**	I	ug/L	1	38.0	50.0	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Sodium [7440-23-5] ^	**7.82**		mg/L	1	0.320	1.00	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	0G16032	EPA 6020A	07/21/10 15:12	JAY	
Vanadium [7440-62-2] ^	**2.78**	I	ug/L	1	0.960	10.0	0G16032	EPA 6020A	07/21/10 15:12	JAY	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-03
Sampled: 07/16/10 10:20
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.010	U	mg/L	1	0.010	0.020	0G19007	EPA 350.1	07/19/10 13:59	KG	
Chloride [16887-00-6] ^	**3.0**	I	mg/L	1	0.24	5.0	0G16015	EPA 300.0	07/16/10 21:13	RSA	
Nitrate as N [14797-55-8] ^	**1.2**		mg/L	1	0.10	1.0	0G16015	EPA 300.0	07/16/10 21:13	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0G21030	EPA 420.1	07/22/10 13:15	RMM	
Sulfate [14808-79-8] ^	**35**		mg/L	1	0.11	5.0	0G16015	EPA 300.0	07/16/10 21:13	RSA	
Total Dissolved Solids [ECL-0156] ^	**400**		mg/L	1	10	10	0G21031	SM18 2540C	07/22/10 22:15	AH	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-03
Sampled: 07/16/10 10:20
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	1.53		mg/L	1	0.00	0.00	0G19019	Field	07/16/10 10:20	FLD	
pH [ECL-0062]	6.95		pH Units	1			0G19019	Field	07/16/10 10:20	FLD	
Specific Conductance (EC) [ECL-0146]	711		umhos/cm	1	0	0	0G19019	Field	07/16/10 10:20	FLD	
Temperature [ECL-0151]	24.00		°C	1	0.00	0.00	0G19019	Field	07/16/10 10:20	FLD	
Turbidity [ECL-0177]	6.30		NTU	1	0.00	0.00	0G19019	Field	07/16/10 10:20	FLD	
Water Elevation [ECL-0180]	43.15		Ft	1			0G19019	Field	07/16/10 10:20	FLD	

Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-04
Sampled: 07/16/10 11:42
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Chloromethane [74-87-3] ^	0.58	I	ug/L	1	0.53	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 15:03	kdw	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*41-142*	*0G21015*	*EPA 8260B*	*07/21/10 15:03*	*kdw*	
Dibromofluoromethane	*45*	*1*	*50.0*	*90 %*	*53-146*	*0G21015*	*EPA 8260B*	*07/21/10 15:03*	*kdw*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*41-146*	*0G21015*	*EPA 8260B*	*07/21/10 15:03*	*kdw*	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-04
Sampled: 07/16/10 11:42
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Metals 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
Mercury [7439-97-6] ^	**0.0928**	I	ug/L	1	0.0240	0.200	0G16012	EPA 7470A	07/22/10 08:27	JMA	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-04
Sampled: 07/16/10 11:42
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Sodium [7440-23-5] ^	**11.4**		mg/L	1	0.320	1.00	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Thallium [7440-28-0] ^	**0.484**	I	ug/L	1	0.260	1.00	0G16032	EPA 6020A	07/21/10 15:19	JAY	
Vanadium [7440-62-2] ^	**12.9**		ug/L	1	0.960	10.0	0G16032	EPA 6020A	07/21/10 15:19	JAY	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-04
Sampled: 07/16/10 11:42
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

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] ^	**0.015**	I	mg/L	1	0.010	0.020	0G19007	EPA 350.1	07/19/10 14:00	KG	
Chloride [16887-00-6] ^	**9.6**		mg/L	1	0.24	5.0	0G16015	EPA 300.0	07/16/10 21:31	RSA	
Nitrate as N [14797-55-8] ^	**6.1**		mg/L	1	0.10	1.0	0G16015	EPA 300.0	07/16/10 21:31	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0G21030	EPA 420.1	07/22/10 13:15	RMM	
Sulfate [14808-79-8] ^	**29**		mg/L	1	0.11	5.0	0G16015	EPA 300.0	07/16/10 21:31	RSA	
Total Dissolved Solids [ECL-0156] ^	**580**		mg/L	1	10	10	0G21031	SM18 2540C	07/22/10 22:15	AH	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-04
Sampled: 07/16/10 11:42
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.17**		mg/L	1	0.00	0.00	0G19019	Field	07/16/10 11:42	FLD	
pH [ECL-0062]	**6.37**		pH Units	1			0G19019	Field	07/16/10 11:42	FLD	
Specific Conductance (EC) [ECL-0146]	**950**		umhos/cm	1	0	0	0G19019	Field	07/16/10 11:42	FLD	
Temperature [ECL-0151]	**25.14**		°C	1	0.00	0.00	0G19019	Field	07/16/10 11:42	FLD	
Turbidity [ECL-0177]	**2.30**		NTU	1	0.00	0.00	0G19019	Field	07/16/10 11:42	FLD	
Water Elevation [ECL-0180]	**41.86**		Ft	1			0G19019	Field	07/16/10 11:42	FLD	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-05
Sampled: 07/16/10 10:50
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Benzene [71-43-2] ^	**2.2**		ug/L	1	0.35	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Chloromethane [74-87-3] ^	**0.53**	I	ug/L	1	0.53	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	**1.2**		ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Ethylbenzene [100-41-4] ^	**0.61**	I	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Toluene [108-88-3] ^	**0.49**	I	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Trichloroethene [79-01-6] ^	**0.71**	I	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 15:33	kdw	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*81 %*	*41-142*	*0G21015*	*EPA 8260B*	*07/21/10 15:33*	*kdw*	
Dibromofluoromethane	*47*	*1*	*50.0*	*93 %*	*53-146*	*0G21015*	*EPA 8260B*	*07/21/10 15:33*	*kdw*	
Toluene-d8	*45*	*1*	*50.0*	*89 %*	*41-146*	*0G21015*	*EPA 8260B*	*07/21/10 15:33*	*kdw*	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-05
Sampled: 07/16/10 10:50
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0240	U	ug/L	1	0.0240	0.200	0G16012	EPA 7470A	07/22/10 08:30	JMA	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-05
Sampled: 07/16/10 10:50
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

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	0G16032	EPA 6020A	07/21/10 15:29	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0G16032	EPA 6020A	07/21/10 15:29	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	0G16032	EPA 6020A	07/21/10 15:29	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0G16032	EPA 6020A	07/21/10 15:29	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0G16032	EPA 6020A	07/21/10 15:29	JAY	
Iron [7439-89-6] ^	**15500**		ug/L	10	380	500	0G16032	EPA 6020A	07/21/10 19:50	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0G16032	EPA 6020A	07/21/10 15:29	JAY	
Sodium [7440-23-5] ^	**8.32**		mg/L	1	0.320	1.00	0G16032	EPA 6020A	07/21/10 15:29	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	0G16032	EPA 6020A	07/21/10 15:29	JAY	
Vanadium [7440-62-2] ^	0.960	U	ug/L	1	0.960	10.0	0G16032	EPA 6020A	07/21/10 15:29	JAY	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-05
Sampled: 07/16/10 10:50
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.17		mg/L	1	0.00	0.00	0G19019	Field	07/16/10 10:50	FLD	
pH [ECL-0062]	6.32		pH Units	1			0G19019	Field	07/16/10 10:50	FLD	
Specific Conductance (EC) [ECL-0146]	1141		umhos/cm	1	0	0	0G19019	Field	07/16/10 10:50	FLD	
Temperature [ECL-0151]	25.13		°C	1	0.00	0.00	0G19019	Field	07/16/10 10:50	FLD	
Turbidity [ECL-0177]	2.80		NTU	1	0.00	0.00	0G19019	Field	07/16/10 10:50	FLD	
Water Elevation [ECL-0180]	43.16		Ft	1			0G19019	Field	07/16/10 10:50	FLD	

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

Lab Sample ID: A003334-06
Sampled: 07/16/10 08:51
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Chloroform [67-66-3] ^	**0.44**	I	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Chloromethane [74-87-3] ^	**0.58**	I	ug/L	1	0.53	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 16:03	kdw	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*39*	*1*	*50.0*	*79 %*	*41-142*	*0G21015*	*EPA 8260B*	*07/21/10 16:03*	*kdw*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*53-146*	*0G21015*	*EPA 8260B*	*07/21/10 16:03*	*kdw*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*41-146*	*0G21015*	*EPA 8260B*	*07/21/10 16:03*	*kdw*	

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

Lab Sample ID: A003334-06
Sampled: 07/16/10 08:51
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Metals 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
Mercury [7439-97-6] ^	**0.0573**	I	ug/L	1	0.0240	0.200	0G16012	EPA 7470A	07/22/10 08:33	JMA	

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

Lab Sample ID: A003334-06
Sampled: 07/16/10 08:51
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

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] ^	**81.4**	I	ug/L	1	68.0	100	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Sodium [7440-23-5] ^	**12.0**		mg/L	1	0.320	1.00	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	0G16032	EPA 6020A	07/21/10 15:36	JAY	
Vanadium [7440-62-2] ^	**5.46**	I	ug/L	1	0.960	10.0	0G16032	EPA 6020A	07/21/10 15:36	JAY	

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

Lab Sample ID: A003334-06
Sampled: 07/16/10 08:51
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.010	U	mg/L	1	0.010	0.020	0G19007	EPA 350.1	07/19/10 14:02	KG	
Chloride [16887-00-6] ^	**28**		mg/L	1	0.24	5.0	0G16015	EPA 300.0	07/16/10 22:07	RSA	
Nitrate as N [14797-55-8] ^	**0.27**	I	mg/L	1	0.10	1.0	0G16015	EPA 300.0	07/16/10 22:07	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0G19011	EPA 420.1	07/20/10 15:05	RMM	
Sulfate [14808-79-8] ^	**65**		mg/L	1	0.11	5.0	0G16015	EPA 300.0	07/16/10 22:07	RSA	
Total Dissolved Solids [ECL-0156] ^	**580**		mg/L	1	10	10	0G21031	SM18 2540C	07/22/10 22:15	AH	

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

Lab Sample ID: A003334-06
Sampled: 07/16/10 08:51
Sampled By: Chris Monaco

Received: 07/16/10 14:20
Work Order: A003334

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.24**		mg/L	1	0.00	0.00	0G19019	Field	07/16/10 08:51	FLD	
pH [ECL-0062]	**6.57**		pH Units	1			0G19019	Field	07/16/10 08:51	FLD	
Specific Conductance (EC) [ECL-0146]	**888**		umhos/cm	1	0	0	0G19019	Field	07/16/10 08:51	FLD	
Temperature [ECL-0151]	**23.09**		°C	1	0.00	0.00	0G19019	Field	07/16/10 08:51	FLD	
Turbidity [ECL-0177]	**4.90**		NTU	1	0.00	0.00	0G19019	Field	07/16/10 08:51	FLD	
Water Elevation [ECL-0180]	**42.93**		Ft	1			0G19019	Field	07/16/10 08:51	FLD	

Description: TRIP BLANK
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A003334-07
Sampled: 07/16/10 00:00
Sampled By: ENCO

Received: 07/16/10 14:20
Work Order: A003334

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0G21015	EPA 8260B	07/21/10 16:33	kdw	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*41-142*	*0G21015*	*EPA 8260B*	*07/21/10 16:33*	*kdw*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*53-146*	*0G21015*	*EPA 8260B*	*07/21/10 16:33*	*kdw*	
Toluene-d8	*43*	*1*	*50.0*	*87 %*	*41-146*	*0G21015*	*EPA 8260B*	*07/21/10 16:33*	*kdw*	

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0G21015 - EPA 5030B_MS

Blank (0G21015-BLK1) Prepared: 07/21/2010 10:41 Analyzed: 07/21/2010 12:03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.40	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.23	U	1.0	ug/L							
1,1,2-Trichloroethane	0.34	U	1.0	ug/L							
1,1-Dichloroethane	0.45	U	1.0	ug/L							
1,1-Dichloroethene	0.50	U	1.0	ug/L							
1,2-Dichlorobenzene	0.32	U	1.0	ug/L							
1,2-Dichloroethane	0.34	U	1.0	ug/L							
1,2-Dichloropropane	0.34	U	1.0	ug/L							
1,3-Dichlorobenzene	0.34	U	1.0	ug/L							
1,4-Dichlorobenzene	0.41	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	0.39	U	1.0	ug/L							
Benzene	0.35	U	1.0	ug/L							
Bromodichloromethane	0.31	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.63	U	1.0	ug/L							
Carbon tetrachloride	0.51	U	1.0	ug/L							
Chlorobenzene	0.37	U	1.0	ug/L							
Chloroethane	0.66	U	1.0	ug/L							
Chloroform	0.37	U	1.0	ug/L							
Chloromethane	0.53	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.41	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.30	U	1.0	ug/L							
Dibromochloromethane	0.24	U	1.0	ug/L							
Dichlorodifluoromethane	0.75	U	1.0	ug/L							
Ethylbenzene	0.43	U	1.0	ug/L							
m,p-Xylenes	0.85	U	1.0	ug/L							
Methylene chloride	0.41	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.26	U	1.0	ug/L							
o-Xylene	0.39	U	1.0	ug/L							
Tetrachloroethene	0.43	U	1.0	ug/L							
Toluene	0.43	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.47	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.37	U	1.0	ug/L							
Trichloroethene	0.39	U	1.0	ug/L							
Trichlorofluoromethane	0.57	U	1.0	ug/L							
Vinyl chloride	0.48	U	1.0	ug/L							
Xylenes (Total)	0.85	U	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*42*			*ug/L*	*50.0*		*84*	*41-142*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*89*	*53-146*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*89*	*41-146*			

LCS (0G21015-BS1) Prepared: 07/21/2010 10:41 Analyzed: 07/21/2010 11:33

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0		133	65-144			
Benzene	20		1.0	ug/L	20.0		102	73-138			
Chlorobenzene	20		1.0	ug/L	20.0		99	77-127			
Toluene	19		1.0	ug/L	20.0		97	71-123			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0G21015 - EPA 5030B_MS

LCS (0G21015-BS1) Continued Prepared: 07/21/2010 10:41 Analyzed: 07/21/2010 11:33

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	18		1.0	ug/L	20.0		92	83-133			
Surrogate: 4-Bromofluorobenzene	*40*			*ug/L*	*50.0*		*80*	*41-142*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*53-146*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*41-146*			

Matrix Spike (0G21015-MS1) Prepared: 07/21/2010 10:41 Analyzed: 07/21/2010 12:33

Source: A003334-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	30		1.0	ug/L	20.0	0.50 U	149	65-144			QM-07
Benzene	22		1.0	ug/L	20.0	0.35 U	108	73-138			
Chlorobenzene	22		1.0	ug/L	20.0	0.37 U	110	77-127			
Toluene	21		1.0	ug/L	20.0	0.26	103	71-123			
Trichloroethene	21		1.0	ug/L	20.0	0.39 U	105	83-133			
Surrogate: 4-Bromofluorobenzene	*40*			*ug/L*	*50.0*		*80*	*41-142*			
Surrogate: Dibromofluoromethane	*44*			*ug/L*	*50.0*		*89*	*53-146*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*87*	*41-146*			

Matrix Spike Dup (0G21015-MSD1) Prepared: 07/21/2010 10:41 Analyzed: 07/21/2010 13:03

Source: A003334-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	30		1.0	ug/L	20.0	0.50 U	152	65-144	1	16	QM-07
Benzene	22		1.0	ug/L	20.0	0.35 U	112	73-138	3	14	
Chlorobenzene	23		1.0	ug/L	20.0	0.37 U	114	77-127	4	13	
Toluene	22		1.0	ug/L	20.0	0.26	108	71-123	4	16	
Trichloroethene	22		1.0	ug/L	20.0	0.39 U	108	83-133	3	20	
Surrogate: 4-Bromofluorobenzene	*41*			*ug/L*	*50.0*		*82*	*41-142*			
Surrogate: Dibromofluoromethane	*45*			*ug/L*	*50.0*		*90*	*53-146*			
Surrogate: Toluene-d8	*43*			*ug/L*	*50.0*		*87*	*41-146*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0G16012 - EPA 7470A

Blank (0G16012-BLK1) Prepared: 07/21/2010 13:37 Analyzed: 07/22/2010 07:30

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

LCS (0G16012-BS1) Prepared: 07/21/2010 13:37 Analyzed: 07/22/2010 07:34

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.13		0.200	ug/L	5.00		103	85-115			

Matrix Spike (0G16012-MS1) Prepared: 07/21/2010 13:37 Analyzed: 07/22/2010 07:46

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0G16012 - EPA 7470A

Matrix Spike (0G16012-MS1) Continued Prepared: 07/21/2010 13:37 Analyzed: 07/22/2010 07:46

Source: A003846-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.42		0.200	ug/L	5.00	0.0240 U	108	85-115			

Matrix Spike Dup (0G16012-MSD1) Prepared: 07/21/2010 13:37 Analyzed: 07/22/2010 07:50

Source: A003846-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.57		0.200	ug/L	5.00	0.0240 U	111	85-115	3	10	

Post Spike (0G16012-PS1) Prepared: 07/22/2010 06:00 Analyzed: 07/22/2010 07:53

Source: A003846-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.28		0.200	ug/L	5.61	0.0186	94	0-200			

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

Batch 0G16032 - EPA 3005A

Blank (0G16032-BLK1) Prepared: 07/19/2010 14:54 Analyzed: 07/21/2010 12:46

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	68.0	U	100	ug/L							
Antimony	0.700	U	20.0	ug/L							
Arsenic	4.00	U	10.0	ug/L							
Cadmium	1.10	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Lead	1.20	U	5.00	ug/L							
Sodium	0.320	U	1.00	mg/L							
Thallium	0.260	U	1.00	ug/L							
Vanadium	0.960	U	10.0	ug/L							

Blank (0G16032-BLK2) Prepared: 07/19/2010 14:54 Analyzed: 07/21/2010 12:53

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	6.80	U	10.0	ug/L							
Antimony	0.0700	U	2.00	ug/L							
Arsenic	0.400	U	1.00	ug/L							
Cadmium	0.110	U	0.300	ug/L							
Chromium	0.450	U	1.00	ug/L							
Iron	3.80	U	5.00	ug/L							
Lead	0.120	U	0.500	ug/L							
Sodium	0.0320	U	0.100	mg/L							
Thallium	0.0260	U	0.100	ug/L							
Vanadium	0.0960	U	1.00	ug/L							

QUALITY CONTROL

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

Batch 0G16032 - EPA 3005A

LCS (0G16032-BS1) Prepared: 07/19/2010 14:54 Analyzed: 07/21/2010 13:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	993		100	ug/L	1000		99	80-120			
Antimony	51.5		20.0	ug/L	50.0		103	80-120			
Arsenic	481		10.0	ug/L	500		96	80-120			
Cadmium	48.7		3.00	ug/L	50.0		97	80-120			
Chromium	495		10.0	ug/L	500		99	80-120			
Iron	982		50.0	ug/L	1000		98	80-120			
Lead	493		5.00	ug/L	500		99	80-120			
Sodium	24.3		1.00	mg/L	25.0		97	80-120			
Thallium	49.5		1.00	ug/L	50.0		99	80-120			
Vanadium	498		10.0	ug/L	500		100	80-120			

Matrix Spike (0G16032-MS1) Prepared: 07/19/2010 14:54 Analyzed: 07/21/2010 13:17

Source: A003420-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1350		100	ug/L	1000	328	102	75-125			
Antimony	50.3		20.0	ug/L	50.0	0.700 U	101	75-125			
Arsenic	488		10.0	ug/L	500	4.00 U	98	75-125			
Cadmium	48.7		3.00	ug/L	50.0	1.10 U	97	75-125			
Chromium	492		10.0	ug/L	500	4.50 U	98	75-125			
Iron	1270		50.0	ug/L	1000	288	98	75-125			
Lead	491		5.00	ug/L	500	1.20 U	98	75-125			
Sodium	63.6		1.00	mg/L	25.0	40.1	94	75-125			
Thallium	49.5		1.00	ug/L	50.0	0.465	98	75-125			
Vanadium	494		10.0	ug/L	500	0.960 U	99	75-125			

Matrix Spike Dup (0G16032-MSD1) Prepared: 07/19/2010 14:54 Analyzed: 07/21/2010 13:25

Source: A003420-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1350		100	ug/L	1000	328	102	75-125	0.06	20	
Antimony	50.2		20.0	ug/L	50.0	0.700 U	100	75-125	0.1	20	
Arsenic	484		10.0	ug/L	500	4.00 U	97	75-125	0.8	20	
Cadmium	49.0		3.00	ug/L	50.0	1.10 U	98	75-125	0.7	20	
Chromium	494		10.0	ug/L	500	4.50 U	99	75-125	0.4	20	
Iron	1260		50.0	ug/L	1000	288	97	75-125	0.7	20	
Lead	490		5.00	ug/L	500	1.20 U	98	75-125	0.2	20	
Sodium	65.6		1.00	mg/L	25.0	40.1	102	75-125	3	20	
Thallium	49.5		1.00	ug/L	50.0	0.465	98	75-125	0.08	20	
Vanadium	493		10.0	ug/L	500	0.960 U	99	75-125	0.1	20	

Post Spike (0G16032-PS1) Prepared: 07/21/2010 12:00 Analyzed: 07/21/2010 13:34

Source: A003420-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	129		10.0	ug/L	98.0	32.1	99	80-120			
Antimony	5.03		2.00	ug/L	4.90	-0.00735	103	80-120			

QUALITY CONTROL

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

Batch 0G16032 - EPA 3005A

Post Spike (0G16032-PS1) Continued Prepared: 07/21/2010 12:00 Analyzed: 07/21/2010 13:34

Source: A003420-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	47.5		1.00	ug/L	49.0	-0.130	97	80-120			
Cadmium	4.88		0.300	ug/L	4.90	-0.0492	101	80-120			
Chromium	49.2		1.00	ug/L	49.0	0.0628	100	80-120			
Iron	125		5.00	ug/L	98.0	28.2	98	80-120			
Lead	48.4		0.500	ug/L	49.0	0.0408	99	80-120			
Sodium	6490		100	ug/L	2450	3930	104	80-120			
Thallium	4.86		0.100	ug/L	4.90	0.0456	98	80-120			
Vanadium	48.8		1.00	ug/L	49.0	0.0594	100	80-120			

Batch AA11940 - 0G20032

Serial Dilution (AA11940-SRD1) Prepared: 07/19/2010 14:54 Analyzed: 07/21/2010 13:42

Source: A003420-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	39.1		5.00	mg/L		40.1			3		

Serial Dilution (AA11940-SRD2) Prepared: 07/21/2010 09:56 Analyzed: 07/21/2010 21:35

Source: A003888-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	5.93		5.00	mg/L		5.13			14		

Serial Dilution (AA11940-SRD3) Prepared: 07/20/2010 00:00 Analyzed: 07/22/2010 01:42

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	0.160	U	0.500	mg/L							

Classical Chemistry Parameters - Quality Control

Batch 0G16015 - NO PREP

Blank (0G16015-BLK1) Prepared: 07/16/2010 11:10 Analyzed: 07/16/2010 14:16

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.24	U	5.0	mg/L							
Nitrate as N	0.10	U	1.0	mg/L							
Sulfate	0.11	U	5.0	mg/L							

LCS (0G16015-BS1) Prepared: 07/16/2010 11:10 Analyzed: 07/16/2010 14:33

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	52		5.0	mg/L	50.0		104	90-110			
Nitrate as N	10		1.0	mg/L	10.0		103	90-110			
Sulfate	51		5.0	mg/L	50.0		101	90-110			

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 0G16015 - NO PREP

Matrix Spike (0G16015-MS1) Prepared: 07/16/2010 11:10 Analyzed: 07/16/2010 16:02

Source: A003819-07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	60		5.0	mg/L	51.0	6.8	104	90-110			
Nitrate as N	15		1.0	mg/L	10.2	4.2	105	90-110			
Sulfate	75		5.0	mg/L	51.0	22	104	90-110			

Matrix Spike Dup (0G16015-MSD1) Prepared: 07/16/2010 11:10 Analyzed: 07/16/2010 16:20

Source: A003819-07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	61		5.0	mg/L	51.0	6.8	105	90-110	1	10	
Nitrate as N	15		1.0	mg/L	10.2	4.2	106	90-110	0.6	10	
Sulfate	76		5.0	mg/L	51.0	22	104	90-110	0.3	10	

Batch 0G19007 - NO PREP

Blank (0G19007-BLK1) Prepared: 07/19/2010 08:08 Analyzed: 07/19/2010 13:36

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

LCS (0G19007-BS1) Prepared: 07/19/2010 08:08 Analyzed: 07/19/2010 13:46

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 (0G19007-MS1) Prepared: 07/19/2010 08:08 Analyzed: 07/19/2010 13:54

Source: A003334-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.8		0.020	mg/L	1.00	1.1	67	90-110			QM-07

Matrix Spike Dup (0G19007-MSD1) Prepared: 07/19/2010 08:08 Analyzed: 07/19/2010 13:55

Source: A003334-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.8		0.020	mg/L	1.00	1.1	69	90-110	1	10	QM-07

Batch 0G19011 - NO PREP

Blank (0G19011-BLK1) Prepared: 07/19/2010 09:30 Analyzed: 07/20/2010 15:05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	14	U	50	ug/L							

LCS (0G19011-BS1) Prepared: 07/19/2010 09:30 Analyzed: 07/20/2010 15:05

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 0G19011 - NO PREP

LCS (0G19011-BS1) Continued Prepared: 07/19/2010 09:30 Analyzed: 07/20/2010 15:05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	500		50	ug/L	500		101	78-110			

Matrix Spike (0G19011-MS1) Prepared: 07/19/2010 09:30 Analyzed: 07/20/2010 15:05

Source: A003334-06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	480		50	ug/L	500	14 U	97	78-110			

Matrix Spike Dup (0G19011-MSD1) Prepared: 07/19/2010 09:30 Analyzed: 07/20/2010 15:05

Source: A003334-06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	500		50	ug/L	500	14 U	100	78-110	3	10	

Batch 0G21030 - NO PREP

Blank (0G21030-BLK1) Prepared: 07/21/2010 15:17 Analyzed: 07/22/2010 13:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	14	U	50	ug/L							

LCS (0G21030-BS1) Prepared: 07/21/2010 15:17 Analyzed: 07/22/2010 13:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	440		50	ug/L	500		89	78-110			

Matrix Spike (0G21030-MS1) Prepared: 07/21/2010 15:17 Analyzed: 07/22/2010 13:15

Source: A003334-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	450		50	ug/L	500	14 U	89	78-110			

Matrix Spike Dup (0G21030-MSD1) Prepared: 07/21/2010 15:17 Analyzed: 07/22/2010 13:15

Source: A003334-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	450		50	ug/L	500	14 U	91	78-110	1	10	

Batch 0G21031 - NO PREP

Blank (0G21031-BLK1) Prepared: 07/21/2010 20:10 Analyzed: 07/22/2010 22:15

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 (0G21031-BS1) Prepared: 07/21/2010 20:10 Analyzed: 07/22/2010 22:15

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 0G21031 - NO PREP

LCS (0G21031-BS1) Continued Prepared: 07/21/2010 20:10 Analyzed: 07/22/2010 22:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	300		10	mg/L	300		99	88-111			

Duplicate (0G21031-DUP1) Prepared: 07/21/2010 20:10 Analyzed: 07/22/2010 22:15

Source: A002704-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	530		10	mg/L		560			5	10	

FLAGS/NOTES AND DEFINITIONS

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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr. Orlando, FL 32824 (407) 826-5314 Fax (407) 850-6945
4810 Executive Park Court Suite 211 Jacksonville, FL 32216-6069 (904) 296-3007 Fax (904) 296-6210
102-A Woodwards Industrial Ct Cary, NC 27511 (919) 467-3090 Fax (919) 467-3515

www.encolabs.com

Page 1 of 1

Client Name: Friends Recycling (FR008)		Project Number: 21012	
Address: 2350 NW 27th Avenue		Project Name/Desc: FRIENDS RECYCLING (FORMERLY OCALA RECYCLING)	
City/ST/Zip: Ocala, FL 34475		PO # / Billing Info:	
Tel: (352) 266-4853	Fax: (352) 622-4999	Reporting Contact: ~~Nick Giumarelli~~ Giumarelli 7/16/10	
Sampler(s) Name, Affiliation (Print): Chris Monaco, ENCO		Billing Contact: ~~Nick Giumarelli~~ Giumarelli 7/16/10	
Sampler(s) Signature:		Site Location / Time Zone: FL EST	

Requested Analyses

8260B Arom/Halo	As, Cd, Cr, Fe, Na, Pb, Se, Tl, V, Hg	Ammonia 350.1	Chloride, 300 Nitrate as N, 300 Sulfate 300	Phenols 420.1	TDS SM2540C					
Preservation (See Codes) (Combine as necessary)										
H	N	S	I	S	I					

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder

A003334

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers										Sample Comments
	MW-5	7/16/10	0948	Grab	GW	6	X	X	X	X	X	X				
	MW-1	7/16/10	0917	Grab	GW	6	X	X	X	X	X	X				
	MW-6	7/16/10	1020	Grab	GW	6	X	X	X	X	X	X				
	MW-7	7/16/10	1142	Grab	GW	6	X	X	X	X	X	X				
	MW-8	7/16/10	1050	Grab	GW	6	X	X	X	X	X	X				
	MW-9S	7/16/10	0851	Grab	GW	6	X	X	X	X	X	X				
	TRIP BLANK	—	—		GW	2	X									

<-- Total # of Containers

Sample Kit Prepared By: SP	Date/Time: 6/24/10 0935	Relinquished By:	Date/Time: 6/24/10 0935	Received By:	Date/Time: 7/16/10 0900
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 7/16/10 1305	Received By:	Date/Time: 7/16 1305
		Relinquished By:	Date/Time: 7/16 1420	Received By:	Date/Time: 7/16 1420
		Cooler #'s & Temps on Receipt: 1 C = 4.6 5.0		Condition Upon Receipt: X 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: I-Ice N-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

MWs		GWTE
MW-1	—	43.32
MW-5	—	43.20
MW-6	—	43.42
MW-7	—	43.24
MW-8	—	43.22
MW9S	—	43.03

SEMI-ANNUAL MONITORING REPORT

FIRST HALF 2010

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

PREPARED FOR:

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

PREPARED BY:

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

February 19, 2010

Robert M. Couch III
2/22/2010

February 19, 2010

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the First Half of 2010
Friends Recycling C&D Landfill
Marion County, Florida

Dear Mr. Giunarelli:

Per your request, Enviro-Technologies, Inc. (ETI) has completed the semi-annual groundwater monitoring report for the first half of 2010 groundwater sampling activities on Monitoring Wells: MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9S. Information about the individual wells is provided in the Appendix of this report.

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

PROJECT LOCATION

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

GROUNDWATER QUALITY ASSESSMENT

On January 28, 2010, (date of the sample collection), ground water samples were collected from MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9S, shown in the Topographic Survey provided by Robert L. Rogers Engineering Co., Inc. All collected groundwater samples were delivered to Environmental Conservation Laboratories, Inc. (ENCO) for analyses.

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

GROUNDWATER ANALYTICAL RESULTS

Copies of the laboratory analytical results and chain-of-custody forms and a sample detection summary of the analytical results of each monitoring well for the January 28, 2010 sampling event are provided in the Appendix. A summary of the identified peaks equal to greater than the Groundwater Cleanup Target Levels for respective analytical methods are provided in the following tables:

MW-1

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	5.7	2.8	mg/L	EPA 350.1
Iron - Total	9850	300	ug/L	EPA 6020
Sulfate	710	250	mg/L	EPA 300.0
Arsenic	0.0196	0.010	mg/L	EPA 6020
Total Dissolved Solids	1800	500	mg/L	SM182540C

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	9130	300	ug/L	EPA 6020
Total Dissolved Solids	550	500	mg/L	SM18 2540C

MW-6

Analyte	Results	Groundwater Criteria	Units	Method
All Items Below Req's	N/A	N/A	mg/L	N/A

MW-7

Analyte	Results	Groundwater Criteria	Units	Method
Aluminum - Total	345	200	ug/L	EPA 6020
Iron - Total	370	300	ug/L	EPA 6020
Nitrate as N	14	10	mg/L	EPA 300.0
Total Dissolved Solids	640	500	mg/L	SM18 2540C

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	2370	300	ug/L	EPA 6020
Total Dissolved Solids	630	500	mg/L	SM18 2540C

MW-9S

Analyte	Results	Groundwater Criteria	Units	Method
Aluminum - Total	208	200	ug/L	EPA 6020
Total Dissolved Solids	570	500	mg/L	SM18 2540C

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

High levels of iron were still noted in monitoring wells MW-1, MW-5, MW-7, and MW-8. However, the concentration levels in these monitoring wells was higher 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.

Ammonia as N and Sulfate were higher in MW-1, and Total Aluminum was above GTCLs in MW-7 and MW-9S. In addition, Total Dissolved Solids in all monitoring wells except for MW-6 and MW-5 sampled were higher for this sampling event. All of these higher concentrations are expected to be the result of changes in rainfall amounts.

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

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

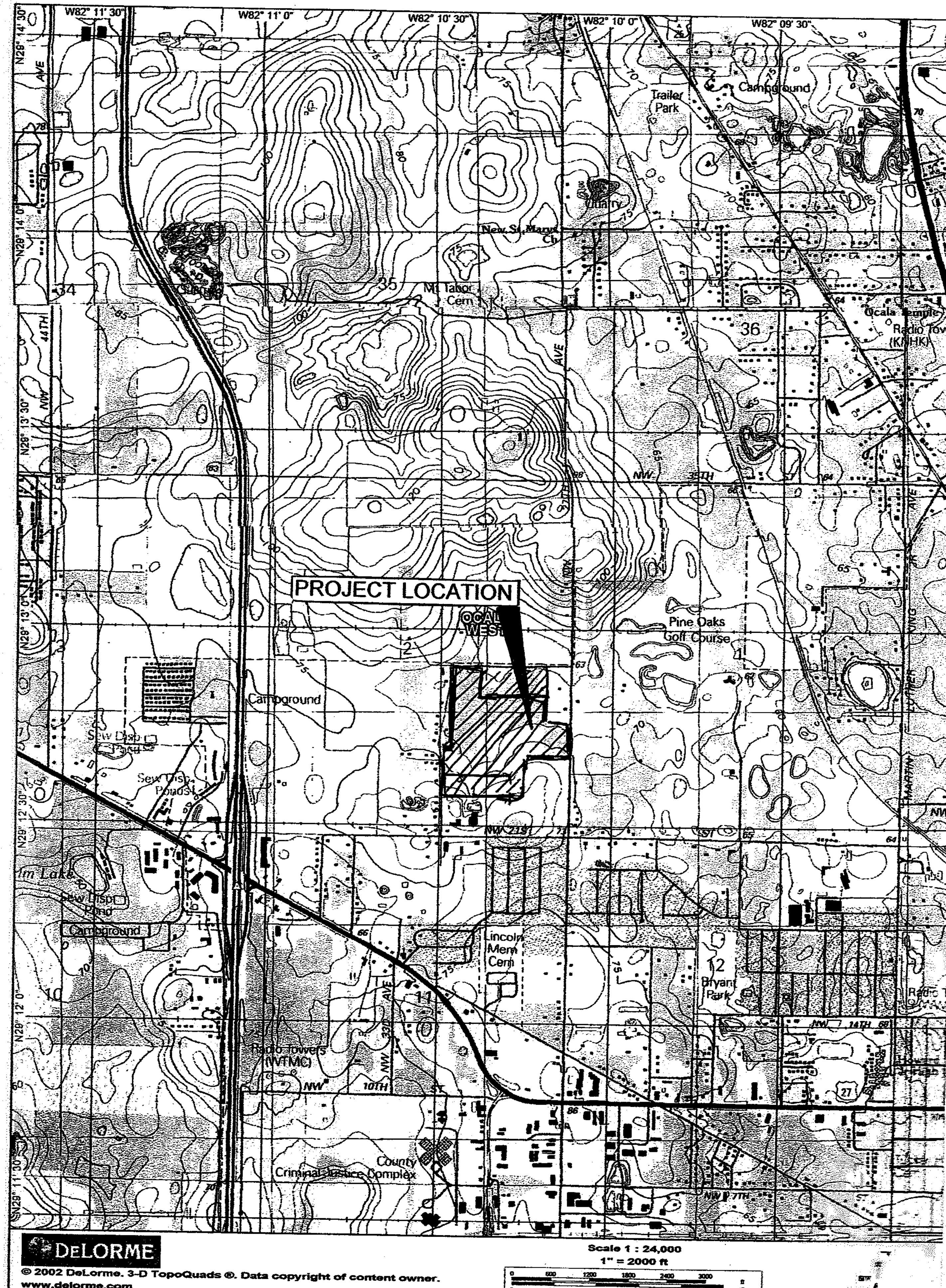
Thank you for the opportunity to provide consulting services to the Friends Recycling C&D Landfill. If you have any questions or comments about this report, please feel free to contact me at (352) 694-1799.

Sincerely,

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

Cc: Gloria Jean DePradine- Florida Department of Environmental Protection

APPENDIX



DELORME

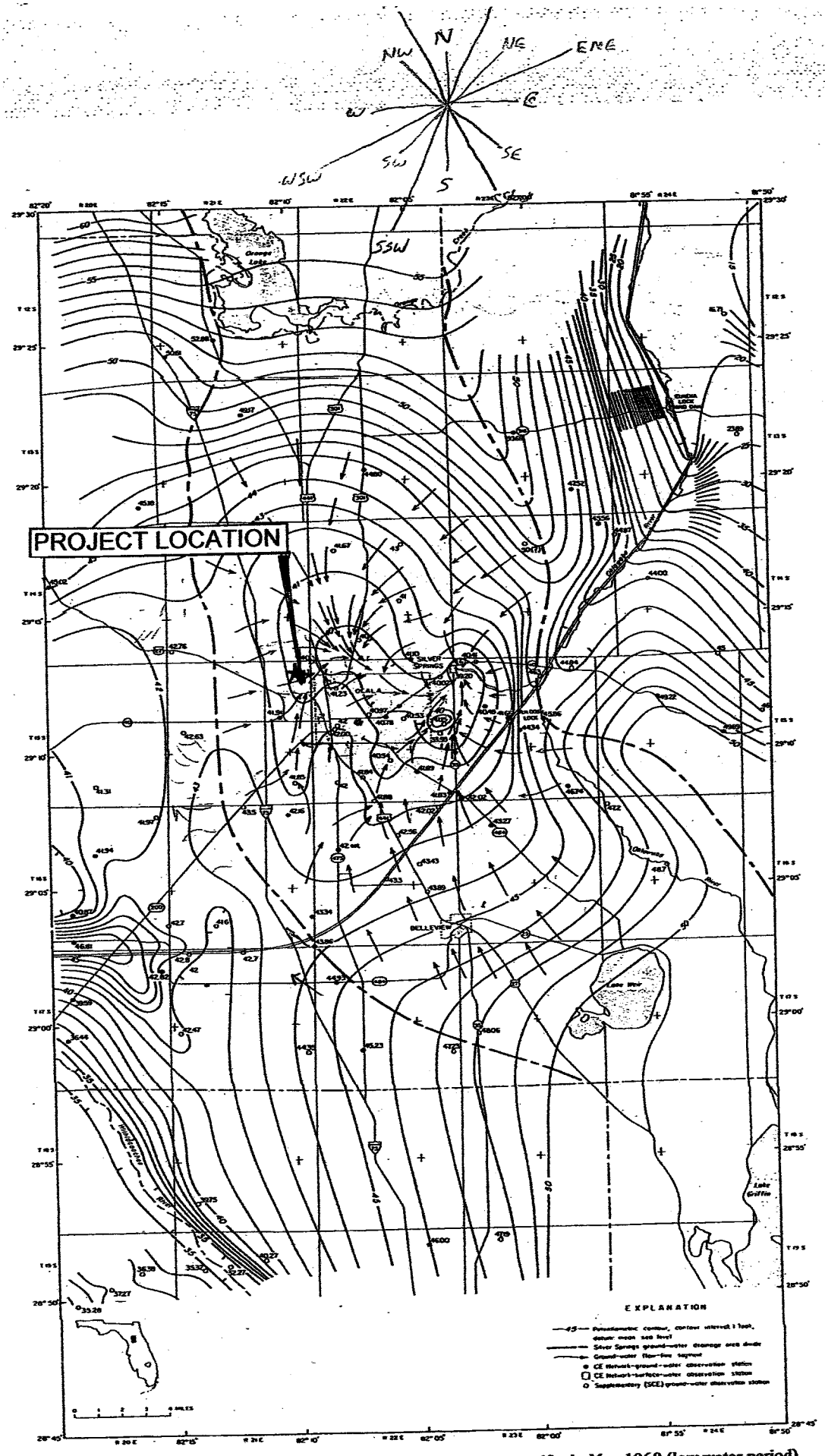


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
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(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

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) 266-4853 Fax: (352) 622-4999	Reporting Contact: Nick Giunarelli
Sampler(s) Name, Affiliation (Print): Chris Monaco,ENCO	Billing Contact: Nick Giunarelli
Sampler(s) Signature:	Facility # (if required):

Requested Analyses

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Arom/Halo	Al,As,Cd,Cr,Fe,Na,Pb,Sb,Tl,V, Hg	Ammonia 350.1	Chloride 300,Nitrate as N 300,Sulfate 300	Phenols 420.1	TDS SM2540C	FIELD PARAMETERS				Sample Comments
	MW-5	1/28/10	1140	Grab	GW	6	X	X	X	X	X	X	X				
	MW-1	1/28/10	0959	Grab	GW	6	X	X	X	X	X	X	X				
	MW-6	1/28/10	1217	Grab	GW	6	X	X	X	X	X	X	X				
	MW-7	1/28/10	1038	Grab	GW	6	X	X	X	X	X	X	X				
	MW-8	1/28/10	1254	Grab	GW	6	X	X	X	X	X	X	X				
	MW-9S	1/28/10	0921	Grab	GW	6	X	X	X	X	X	X	X				
	TRIP BLANK	—	—	—	GW	6	X	X	X	X	X	X	X				

<-- Total # of Containers

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: A906097

Sample Kit Prepared By: SP	Date/Time: 12/22/09	Relinquished By:	Date/Time: 12/22/09 1000	Received By: Karen LeBeau	Date/Time: 12/28 1700
Comments:		Relinquished By: Karen LeBeau	Date/Time: 1/28/10 1330	Received By:	Date/Time: 1/28 1330
		Relinquished By:	Date/Time: 1/28/10 1430	Received By:	Date/Time: 1/28 1430
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix : **GW**-Groundwater **SO**-Soil **SE**-Sediment **SW**-Surface Water **WW**-Wastewater **A**-Air **O**-Other (detail in comments)

Preservation: **I**-Ice **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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-1	WACS_WELL: 18811	DATE: 01/28/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 33.42	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (43.45 feet – 33.42 feet) X .16 gallons/foot = 1.61 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.50	PURGING INITIATED AT: 0935	PURGING ENDED AT: 0953	TOTAL VOLUME PURGED (gallons): 4.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0947	3.00	3.00	.25	33.49	6.40	26.17	2204	.36	10.00	clear	none
0950	.75	3.75	.25	33.49	6.40	26.17	2207	.30	7.60	clear	none
0953	.75	4.50	.25	33.49	6.40	26.20	2202	.32	5.80	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 0953	SAMPLING ENDED AT: 0959
PUMP OR TUBING DEPTH IN WELL (feet): 34.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-1	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-1	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 946
MW-1	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 946
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 946

REMARKS: black particles observed on water level indicator and in purge water (possible insect bodies)

DTW = 33.42 Reference Elevation = 74.66 GWTE = 41.24 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-5	WACS_WELL: 22912	DATE: 01/28/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 46.77	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (67.45 feet – 46.77 feet) X .16 gallons/foot = 3.31 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 47.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 48.00	PURGING INITIATED AT: 1121	PURGING ENDED AT: 1134	TOTAL VOLUME PURGED (gallons): 7.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1128	4.20	4.20	.60	47.04	6.55	24.02	876	.28	3.20	clear	none
1131	1.80	6.00	.60	47.04	6.52	24.01	880	.23	2.40	clear	none
1134	1.80	7.80	.60	47.04	6.51	24.02	882	.20	2.40	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1134	SAMPLING ENDED AT: 1140
PUMP OR TUBING DEPTH IN WELL (feet): 48.00	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-5	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-5	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-5	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135

REMARKS:

DTW = 46.77 Reference Elevation = 88.01 GWTE = 41.24 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-6	WACS_WELL: 22913	DATE: 01/28/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 40 feet to 50 feet	STATIC DEPTH TO WATER (feet): 36.69	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) 1 WELL VOLUME = (~~53.10~~ 53.10 feet – 36.69 feet) X .16 gallons/foot = 2.63 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.50	PURGING INITIATED AT: 1154	PURGING ENDED AT: 1211	TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1205	2.75	2.75	.25	36.80	6.57	24.47	699	.80	5.40	Clear	none
1208	.75	3.50	.25	36.81	6.57	24.61	702	.86	3.40	Clear	none
1211	.75	4.25	.25	36.81	6.59	24.50	705	.98	3.80	Clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1211	SAMPLING ENDED AT: 1217
PUMP OR TUBING DEPTH IN WELL (feet): 37.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-6	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-6	1	PE	250mL	HNO_3	None	< 2	Metals	ESP	≈ 946
MW-6	1	AG	250mL	H_2SO_4	None	< 2	Ammonia (350.1) Phenols	ESP	≈ 946
MW-6	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 946

REMARKS:

DTW = 36.69 Reference Elevation = 78.05 GWTE = 41.36 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-7	WACS_WELL: 22914	DATE: 01/28/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 41 feet to 51 feet	STATIC DEPTH TO WATER (feet): 47.53	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (53.80 feet – 47.53 feet) X .16 gallons/foot = 1.10 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 48.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49.50	PURGING INITIATED AT: 1029	PURGING ENDED AT: 1032	TOTAL VOLUME PURGED (gallons): 2.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1026	1.40	1.40	.20	48.71	6.49	24.80	971	.34	12.60	Clear	none
1029	.60	2.00	.20	48.72	6.46	24.70	963	.28	12.90	clear	none
1032	.60	2.60	.20	48.73	6.45	24.79	958	.27	9.90	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1032	SAMPLING ENDED AT: 1038
PUMP OR TUBING DEPTH IN WELL (feet): 49.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-7	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-7	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 757
MW-7	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 757
MW-7	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 757

REMARKS: NTU e sample end = 6.80

DTW = 47.53 Reference Elevation = 88.67 GWTE = 41.14 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-8	WACS_WELL: 22915	DATE: 01/28/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 29.95	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (34.24 feet – 29.95 feet) X .16 gallons/foot = .69 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	PURGING INITIATED AT: 1232	PURGING ENDED AT: 1248	TOTAL VOLUME PURGED (gallons): 3.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1242	2.00	2.00	.20	30.08	6.46	25.46	1003	.34	16.50	Clear	none
1245	.60	2.60	.20	30.08	6.37	25.38	1010	.26	4.80	Clear	none
1248	.60	3.20	.20	30.08	6.35	25.42	1014	.24	4.50	Clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1248	SAMPLING ENDED AT: 1254
PUMP OR TUBING DEPTH IN WELL (feet): 31.00	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-8	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-8	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 757
MW-8	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 757
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 757

REMARKS:

DTW = 29.95 Reference Elevation = 71.17 GWTE = 41.22 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-9S	WACS_WELL: 22916	DATE: 01/28/10

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 27.65	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (32.80 feet – 27.65 feet) X .16 gallons/foot = .83 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.50	PURGING INITIATED AT: 0848	PURGING ENDED AT: 0915	TOTAL VOLUME PURGED (gallons): 5.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0909	4.20	4.20	.20	27.72	6.48	23.75	856	.37	14.80	clear	none
0912	.60	4.80	.20	27.72	6.52	23.87	859	.39	11.30	clear	none
0915	.60	5.40	.20	27.72	6.54	23.83	861	.44	9.20	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen M Beau	SAMPLING INITIATED AT: 0915	SAMPLING ENDED AT: 0921
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 [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-9S	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-9S	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 757
MW-9S	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 757
MW-9S	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 757

REMARKS:

DTW = 27.65 Reference Elevation = 68.64 GWTE = 40.99 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

CALIBRATION LOG

ITS Work Order Number: FRL-03-012810

CLIENT: Friends Recycling

ADDRESS: 2350 NW 27th Ave.

CITY, STATE: Ocala, Fl 34475

Site: Friends Recycling C&D Landfill

START CAL DATE @ TIME: 01/28/10 @ 0700

END CALIBRATION DATE @ TIME: 01/28/10 @ 1430

YSI 556 MULTI PARAMETER METER - S/N 07D100973 (ITS #3) REV 3.11

pH Sensor Per DEP-SOP-001/01 FT 1100

Standard	METER READING START	METER READING END	VERIFY @ START	LOT NUMBER	EXP DATE
4.01	4.01	4.00	✓	2810002	Sep-10
7.00	7.00	7.01	7.01	2808069	Jul-10
10.00	9.99	9.97	✓	2806428	Dec-09

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

Temperature Sensor Per DEP-SOP-001/01 FT 1400

STANDARD (ERTCO Thermometer)		YSI METER TEMP READING LOW	YSI METER TEMP READING HIGH	LOT NUMBER	DATE PERFORMED (Quarterly)
LOW	4.25	4.30		NA	09/02/09
HIGH	31.56		31.60		09/02/09

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

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

STANDARD (ppm)	METER READING START	METER READING END	LOT NUMBER	EXPIRATION DATE
0.00	.22	.21	8AF198	Jun-10
fresh air @				
20.68 °C	8.97			
25.15 °C		8.24		

Zero D.O. standard is sodium thiosulfate, prepared by USA Blue Book.

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

STANDARD µmhos	METER READING START	METER READING END	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	9AG154	Jul-10
2,764	2764	2760	9AE018	May-10
447	NM	NM	NA	NA
84	84	84	9AG066	Jun-10

Standards prepared by USA Blue Book. All standards are potassium chloride solutions.

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

STANDARD (mV)	METER READING START	METER READING END	LOT NUMBER	EXPIRATION DATE
200 @ 25°C	NM	NM	9AH048	Feb-10

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

Notes:

NA - not applicable

NM - not measured

Form Rev 3.11 on 01/28/10: Updated Lot and EXP Date of NTU Standards

HF SCIENTIFIC DTR-15CE TURBIDITY METER - MODEL # 19057 S/N 804099 Per DEP-SOP-001/01 FT 1600 (ITSNTU # 2)

STANDARD (ntu)	METER READING START	METER READING END	LOT NUMBER	EXPIRATION DATE
1000	1000	1000	See Below	Jan-11
100	100	100	See Below	Jan-11
10	10	10	See Below	Jan-11
0.02	.02	.02	See Below	Jan-11

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 29071, Lot# 90794

Remarks:

Weather Conditions: Sunny Slight Breeze 60-65°F

Equipment Blank with D.I. water

Zephyr Hills brand Lot #121509349WF2331104BB

Exp Date 12/15/11

Equipment Blank Data - Collected @ **NONE COLLECTED**

pH = NM Cond = NM

Temp = NM D.O. = NM

Turbidity = NM

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, Inc.
10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 **FAX: 407.850.6945**

www.encolabs.com

Friday, February 5, 2010

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: A906097

Dear Nick Giunarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, January 28, 2010.

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,

Marcia Colon

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 47.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5 **Lab ID:** A906097-01 **Sampled:** 01/28/10 11:40 **Received:** 01/28/10 16:30

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/30/10	11:40			01/28/10	17:00	1/29/2010 12:49
EPA 300.0	02/25/10				01/28/10	17:00	1/29/2010 12:49
EPA 350.1	02/25/10				02/02/10	08:29	2/2/2010 11:47
EPA 420.1	02/25/10				02/03/10	15:11	2/4/2010 10:34
EPA 6020A	07/27/10				02/01/10	11:21	2/2/2010 14:41
EPA 7470A	02/25/10				02/01/10	13:15	2/2/2010 08:20
EPA 8260B	02/11/10				01/31/10	15:24	1/31/2010 18:52
Field	01/28/10	11:54			01/28/10	11:40	1/28/2010 11:40
Field	01/29/10	11:40	01/29/10	11:40	01/28/10	11:40	1/28/2010 11:40
Field	01/30/10	11:40			01/28/10	11:40	1/28/2010 11:40
SM18 2540C	02/04/10				01/31/10	08:15	2/1/2010 22:32

Client ID: MW-1 **Lab ID:** A906097-02 **Sampled:** 01/28/10 09:59 **Received:** 01/28/10 16:30

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/30/10	09:59			01/28/10	17:00	1/29/2010 13:06
EPA 300.0	02/25/10				01/28/10	17:00	1/29/2010 13:06
EPA 350.1	02/25/10				02/02/10	08:29	2/2/2010 11:55
EPA 420.1	02/25/10				02/03/10	15:11	2/4/2010 10:34
EPA 6020A	07/27/10				02/01/10	11:21	2/2/2010 14:48
EPA 7470A	02/25/10				02/01/10	13:15	2/2/2010 09:13
EPA 8260B	02/11/10				01/31/10	15:24	1/31/2010 19:23
Field	01/28/10	10:13			01/28/10	09:59	1/28/2010 09:59
Field	01/29/10	09:59	01/29/10	09:59	01/28/10	09:59	1/28/2010 09:59
Field	01/30/10	09:59			01/28/10	09:59	1/28/2010 09:59
SM18 2540C	02/04/10				01/31/10	08:15	2/1/2010 22:32

Client ID: MW-1 **Lab ID:** A906097-02RE1 **Sampled:** 01/28/10 09:59 **Received:** 01/28/10 16:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	02/25/10	02/03/10	10:00	2/3/2010 11:31

Client ID: MW-6 **Lab ID:** A906097-03 **Sampled:** 01/28/10 12:17 **Received:** 01/28/10 16:30

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/30/10	12:17			01/28/10	17:00	1/29/2010 13:23
EPA 300.0	02/25/10				01/28/10	17:00	1/29/2010 13:23
EPA 350.1	02/25/10				02/02/10	08:29	2/2/2010 11:50
EPA 420.1	02/25/10				02/03/10	15:11	2/4/2010 10:34
EPA 6020A	07/27/10				02/01/10	11:21	2/2/2010 14:58
EPA 7470A	02/25/10				02/01/10	13:15	2/2/2010 09:16
EPA 8260B	02/11/10				01/31/10	15:24	1/31/2010 19:55
Field	01/28/10	12:31			01/28/10	12:17	1/28/2010 12:17
Field	01/29/10	12:17	01/29/10	12:17	01/28/10	12:17	1/28/2010 12:17
Field	01/30/10	12:17			01/28/10	12:17	1/28/2010 12:17
SM18 2540C	02/04/10				01/31/10	08:15	2/1/2010 22:32

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Client ID: MW-7	Lab ID: A906097-04	Sampled: 01/28/10 10:38	Received: 01/28/10 16:30

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/30/10	10:38			01/28/10	17:00	1/29/2010 13:43
EPA 300.0	02/25/10				01/28/10	17:00	1/29/2010 13:43
EPA 350.1	02/25/10				02/02/10	08:29	2/2/2010 11:51
EPA 420.1	02/25/10				02/03/10	15:11	2/4/2010 10:34
EPA 6020A	07/27/10				02/01/10	11:21	2/2/2010 15:05
EPA 7470A	02/25/10				02/01/10	13:15	2/2/2010 09:19
EPA 8260B	02/11/10				01/31/10	15:24	1/31/2010 20:27
Field	01/28/10	10:52			01/28/10	10:38	1/28/2010 10:38
Field	01/29/10	10:38	01/29/10	10:38	01/28/10	10:38	1/28/2010 10:38
Field	01/30/10	10:38			01/28/10	10:38	1/28/2010 10:38
SM18 2540C	02/04/10				01/31/10	08:15	2/1/2010 22:32

Client ID: MW-8	Lab ID: A906097-05	Sampled: 01/28/10 12:54	Received: 01/28/10 16:30

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/30/10	12:54			01/28/10	17:00	1/29/2010 14:00
EPA 300.0	02/25/10				01/28/10	17:00	1/29/2010 14:00
EPA 350.1	02/25/10				02/02/10	08:29	2/2/2010 11:57
EPA 420.1	02/25/10				02/03/10	15:11	2/4/2010 10:34
EPA 6020A	07/27/10				02/01/10	11:21	2/2/2010 15:12
EPA 7470A	02/25/10				02/01/10	13:15	2/2/2010 09:22
EPA 8260B	02/11/10				01/31/10	15:24	1/31/2010 20:59
Field	01/28/10	13:08			01/28/10	12:54	1/28/2010 12:54
Field	01/29/10	12:54	01/29/10	12:54	01/28/10	12:54	1/28/2010 12:54
Field	01/30/10	12:54			01/28/10	12:54	1/28/2010 12:54
SM18 2540C	02/04/10				01/31/10	08:15	2/1/2010 22:32

Client ID: MW-9S	Lab ID: A906097-06	Sampled: 01/28/10 09:21	Received: 01/28/10 16:30

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/30/10	09:21			01/28/10	17:00	1/29/2010 14:17
EPA 300.0	02/25/10				01/28/10	17:00	1/29/2010 14:17
EPA 350.1	02/25/10				02/02/10	08:29	2/2/2010 11:58
EPA 420.1	02/25/10				02/03/10	15:11	2/4/2010 10:34
EPA 6020A	07/27/10				02/01/10	11:21	2/2/2010 16:08
EPA 7470A	02/25/10				02/01/10	13:15	2/2/2010 09:32
EPA 8260B	02/11/10				01/31/10	15:24	1/31/2010 21:31
Field	01/28/10	09:35			01/28/10	09:21	1/28/2010 09:21
Field	01/29/10	09:21	01/29/10	09:21	01/28/10	09:21	1/28/2010 09:21
Field	01/30/10	09:21			01/28/10	09:21	1/28/2010 09:21
SM18 2540C	02/04/10				01/31/10	08:15	2/1/2010 22:32

Client ID: TRIP BLANK	Lab ID: A906097-07	Sampled: 01/28/10 00:00	Received: 01/28/10 16:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	02/11/10	01/31/10	15:24	1/31/2010 22:04

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SAMPLE DETECTION SUMMARY

Client ID: MW-5 **Lab ID:** A906097-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.84	280	0.010	0.020	mg/L	EPA 350.1	
Arsenic - Total	8.08	10 I	4.00	10.0	ug/L	EPA 6020A	
Chloride	7.4	250	0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.20	UKN	0.00	0.00	mg/L	Field	
Iron - Total	9130	300	38.0	50.0	ug/L	EPA 6020A	
pH	6.51	—			pH Units	Field	
Sodium - Total	5.57	160	0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	882	UKN	0	0	umhos/cm	Field	
Sulfate	12	250	0.11	5.0	mg/L	EPA 300.0	
Temperature	24.02	—	0.00	0.00	°C	Field	
Total Dissolved Solids	550	500	10	10	mg/L	SM18 2540C	
Turbidity	2.40	—	0.00	0.00	NTU	Field	
Water Elevation	40.97	—			Ft	Field	

Client ID: MW-1 **Lab ID:** A906097-02

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	101	200	68.0	100	ug/L	EPA 6020A	
Ammonia as N	5.7	280	0.10	0.20	mg/L	EPA 350.1	
Arsenic - Total	19.6	10	4.00	10.0	ug/L	EPA 6020A	
Chloride	41	250	0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.32	UKN	0.00	0.00	mg/L	Field	
Iron - Total	9850	300	38.0	50.0	ug/L	EPA 6020A	
Nitrate as N	0.14	I	0.10	1.0	mg/L	EPA 300.0	
pH	6.40	—			pH Units	Field	
Sodium - Total	78.0	160	0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	2202	UKN	0	0	umhos/cm	Field	
Temperature	26.20	—	0.00	0.00	°C	Field	
Thallium - Total	1.19	2.0	0.260	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	1800	500	10	10	mg/L	SM18 2540C	
Turbidity	5.80	—	0.00	0.00	NTU	Field	
Vanadium - Total	1.74	49 I	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	41.17	—			Ft	Field	

Client ID: MW-1 **Lab ID:** A906097-02RE1

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sulfate	710	250	1.1	50	mg/L	EPA 300.0	

Client ID: MW-6 **Lab ID:** A906097-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.7	250 I	0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.98	—	0.00	0.00	mg/L	Field	
Nitrate as N	2.1	I	0.10	1.0	mg/L	EPA 300.0	
pH	6.59	—			pH Units	Field	
Sodium - Total	8.26	160	0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	705	UKN	0	0	umhos/cm	Field	
Sulfate	50	250	0.11	5.0	mg/L	EPA 300.0	
Temperature	24.50	—	0.00	0.00	°C	Field	
Total Dissolved Solids	460	500	10	10	mg/L	SM18 2540C	
Turbidity	2.80	—	0.00	0.00	NTU	Field	

Client ID: MW-6 **Lab ID:** A906097-03

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Vanadium - Total	3.15	49 I	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	41.24	—			Ft	Field	

Client ID: MW-7 **Lab ID:** A906097-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	345	200	68.0	100	ug/L	EPA 6020A	
Chloride	9.8	250	0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.27	—	0.00	0.00	mg/L	Field	
Iron - Total	370	300	38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.300	2.0	0.0240	0.200	ug/L	EPA 7470A	
Nitrate as N	14	10	0.10	1.0	mg/L	EPA 300.0	
pH	6.45	—			pH Units	Field	
Sodium - Total	12.2	160	0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	958	—	0	0	umhos/cm	Field	
Sulfate	30	250	0.11	5.0	mg/L	EPA 300.0	
Temperature	24.79	—	0.00	0.00	°C	Field	
Thallium - Total	0.573	2.0 I	0.260	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	640	500	10	10	mg/L	SM18 2540C	
Turbidity	9.90	—	0.00	0.00	NTU	Field	
Vanadium - Total	16.6	49	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	39.94	—			Ft	Field	

Client ID: MW-8 **Lab ID:** A906097-05

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	4.50	I	4.00	10.0	ug/L	EPA 6020A	
Benzene	1.0	5.0	0.35	1.0	ug/L	EPA 8260B	
Chloride	9.5	250	0.24	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	0.43	3.0 I	0.41	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.24	—	0.00	0.00	mg/L	Field	
Iron - Total	2370	300	38.0	50.0	ug/L	EPA 6020A	
pH	6.35	—			pH Units	Field	
Sodium - Total	5.65	160	0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1014	—	0	0	umhos/cm	Field	
Sulfate	7.9	250	0.11	5.0	mg/L	EPA 300.0	
Temperature	25.42	—	0.00	0.00	°C	Field	
Thallium - Total	0.290	2.0 I	0.260	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	630	500	10	10	mg/L	SM18 2540C	
Turbidity	4.50	—	0.00	0.00	NTU	Field	
Vanadium - Total	1.05	49 I	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	41.09	—			Ft	Field	

Client ID: MW-9S **Lab ID:** A906097-06

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	208	200	68.0	100	ug/L	EPA 6020A	
Chloride	25	250	0.24	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.44	—	0.00	0.00	mg/L	Field	
Iron - Total	66.5	300	38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.118	2.0 I	0.0240	0.200	ug/L	EPA 7470A	
Nitrate as N	0.44	10 I	0.10	1.0	mg/L	EPA 300.0	
pH	6.00	—			pH Units	Field	
Sodium - Total	20.6	160	0.320	1.00	mg/L	EPA 6020A	

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Client ID: MW-9S			Lab ID: A906097-06				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Specific Conductance (EC)	861	—	0	0	umhos/cm	Field	
Sulfate	51	250	0.11	5.0	mg/L	EPA 300.0	
Temperature	23.83	—	0.00	0.00	°C	Field	
Thallium - Total	0.603	2.0 I	0.260	1.00	ug/L	EPA 6020A	
Total Dissolved Solids	570	500	10	10	mg/L	SM18 2540C	
Turbidity	9.20	—	0.00	0.00	NTU	Field	
Vanadium - Total	7.12	49 I	0.960	10.0	ug/L	EPA 6020A	
Water Elevation	40.92	—			Ft	Field	

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ANALYTICAL RESULTS

Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-01
Sampled: 01/28/10 11:40
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 18:52	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*83 %*	*41-142*	*0A31004*	*EPA 8260B*	*01/31/10 18:52*	*kat*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*53-146*	*0A31004*	*EPA 8260B*	*01/31/10 18:52*	*kat*	
Toluene-d8	*44*	*1*	*50.0*	*88 %*	*41-146*	*0A31004*	*EPA 8260B*	*01/31/10 18:52*	*kat*	

Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-01
Sampled: 01/28/10 11:40
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Metals 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
Mercury [7439-97-6] ^	0.0240	U	ug/L	1	0.0240	0.200	0A27025	EPA 7470A	02/02/10 08:20	IR	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-01
Sampled: 01/28/10 11:40
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

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	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Arsenic [7440-38-2] ^	**8.08**	I	ug/L	1	4.00	10.0	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Iron [7439-89-6] ^	**9130**		ug/L	1	38.0	50.0	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Sodium [7440-23-5] ^	**5.57**		mg/L	1	0.320	1.00	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	0A29040	EPA 6020A	02/02/10 14:41	JAY	
Vanadium [7440-62-2] ^	0.960	U	ug/L	1	0.960	10.0	0A29040	EPA 6020A	02/02/10 14:41	JAY	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-01
Sampled: 01/28/10 11:40
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.20		mg/L	1	0.00	0.00	0B02018	Field	01/28/10 11:40	MCC	
pH [ECL-0062]	6.51		pH Units	1			0B02018	Field	01/28/10 11:40	MCC	
Specific Conductance (EC) [ECL-0146]	882		umhos/cm	1	0	0	0B02018	Field	01/28/10 11:40	MCC	
Temperature [ECL-0151]	24.02		°C	1	0.00	0.00	0B02018	Field	01/28/10 11:40	MCC	
Turbidity [ECL-0177]	2.40		NTU	1	0.00	0.00	0B02018	Field	01/28/10 11:40	MCC	
Water Elevation [ECL-0180]	40.97		Ft	1			0B02018	Field	01/28/10 11:40	MCC	

Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-02
Sampled: 01/28/10 09:59
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 19:23	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*41-142*	*0A31004*	*EPA 8260B*	*01/31/10 19:23*	*kat*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*53-146*	*0A31004*	*EPA 8260B*	*01/31/10 19:23*	*kat*	
Toluene-d8	*45*	*1*	*50.0*	*90 %*	*41-146*	*0A31004*	*EPA 8260B*	*01/31/10 19:23*	*kat*	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-02
Sampled: 01/28/10 09:59
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Metals 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
Mercury [7439-97-6] ^	0.0240	U	ug/L	1	0.0240	0.200	0A27025	EPA 7470A	02/02/10 09:13	IR	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-02
Sampled: 01/28/10 09:59
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

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] ^	**101**		ug/L	1	68.0	100	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Arsenic [7440-38-2] ^	**19.6**		ug/L	1	4.00	10.0	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Iron [7439-89-6] ^	**9850**		ug/L	1	38.0	50.0	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Sodium [7440-23-5] ^	**78.0**		mg/L	1	0.320	1.00	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Thallium [7440-28-0] ^	**1.19**		ug/L	1	0.260	1.00	0A29040	EPA 6020A	02/02/10 14:48	JAY	
Vanadium [7440-62-2] ^	**1.74**	I	ug/L	1	0.960	10.0	0A29040	EPA 6020A	02/02/10 14:48	JAY	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-02
Sampled: 01/28/10 09:59
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

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] ^	**5.7**		mg/L	10	0.10	0.20	0B02003	EPA 350.1	02/02/10 11:55	KG	
Chloride [16887-00-6] ^	**41**		mg/L	1	0.24	5.0	0A28003	EPA 300.0	01/29/10 13:06	RSA	
Nitrate as N [14797-55-8] ^	**0.14**	I	mg/L	1	0.10	1.0	0A28003	EPA 300.0	01/29/10 13:06	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0B03026	EPA 420.1	02/04/10 10:34	KBS	
Sulfate [14808-79-8] ^	**710**		mg/L	10	1.1	50	0B03004	EPA 300.0	02/03/10 11:31	RSA	
Total Dissolved Solids [ECL-0156] ^	**1800**		mg/L	1	10	10	0A31001	SM18 2540C	02/01/10 22:32	AH	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-02
Sampled: 01/28/10 09:59
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.32		mg/L	1	0.00	0.00	0B02018	Field	01/28/10 09:59	MCC	
pH [ECL-0062]	6.40		pH Units	1			0B02018	Field	01/28/10 09:59	MCC	
Specific Conductance (EC) [ECL-0146]	2202		umhos/cm	1	0	0	0B02018	Field	01/28/10 09:59	MCC	
Temperature [ECL-0151]	26.20		°C	1	0.00	0.00	0B02018	Field	01/28/10 09:59	MCC	
Turbidity [ECL-0177]	5.80		NTU	1	0.00	0.00	0B02018	Field	01/28/10 09:59	MCC	
Water Elevation [ECL-0180]	41.17		Ft	1			0B02018	Field	01/28/10 09:59	MCC	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-03
Sampled: 01/28/10 12:17
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 19:55	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*81 %*	*41-142*	*0A31004*	*EPA 8260B*	*01/31/10 19:55*	*kat*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*53-146*	*0A31004*	*EPA 8260B*	*01/31/10 19:55*	*kat*	
Toluene-d8	*42*	*1*	*50.0*	*85 %*	*41-146*	*0A31004*	*EPA 8260B*	*01/31/10 19:55*	*kat*	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-03
Sampled: 01/28/10 12:17
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0240	U	ug/L	1	0.0240	0.200	0A27025	EPA 7470A	02/02/10 09:16	IR	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-03
Sampled: 01/28/10 12:17
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Sodium [7440-23-5] ^	**8.26**		mg/L	1	0.320	1.00	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Thallium [7440-28-0] ^	0.260	U	ug/L	1	0.260	1.00	0A29040	EPA 6020A	02/02/10 14:58	JAY	
Vanadium [7440-62-2] ^	**3.15**	I	ug/L	1	0.960	10.0	0A29040	EPA 6020A	02/02/10 14:58	JAY	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-03
Sampled: 01/28/10 12:17
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.010	U	mg/L	1	0.010	0.020	0B02003	EPA 350.1	02/02/10 11:50	KG	
Chloride [16887-00-6] ^	**3.7**	I	mg/L	1	0.24	5.0	0A28003	EPA 300.0	01/29/10 13:23	RSA	
Nitrate as N [14797-55-8] ^	**2.1**		mg/L	1	0.10	1.0	0A28003	EPA 300.0	01/29/10 13:23	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0B03026	EPA 420.1	02/04/10 10:34	KBS	
Sulfate [14808-79-8] ^	**50**		mg/L	1	0.11	5.0	0A28003	EPA 300.0	01/29/10 13:23	RSA	
Total Dissolved Solids [ECL-0156] ^	**460**		mg/L	1	10	10	0A31001	SM18 2540C	02/01/10 22:32	AH	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-03
Sampled: 01/28/10 12:17
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.98		mg/L	1	0.00	0.00	0B02018	Field	01/28/10 12:17	MCC	
pH [ECL-0062]	6.59		pH Units	1			0B02018	Field	01/28/10 12:17	MCC	
Specific Conductance (EC) [ECL-0146]	705		umhos/cm	1	0	0	0B02018	Field	01/28/10 12:17	MCC	
Temperature [ECL-0151]	24.50		°C	1	0.00	0.00	0B02018	Field	01/28/10 12:17	MCC	
Turbidity [ECL-0177]	2.80		NTU	1	0.00	0.00	0B02018	Field	01/28/10 12:17	MCC	
Water Elevation [ECL-0180]	41.24		Ft	1			0B02018	Field	01/28/10 12:17	MCC	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-04
Sampled: 01/28/10 10:38
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 20:27	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*41-142*	*0A31004*	*EPA 8260B*	*01/31/10 20:27*	*kat*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*53-146*	*0A31004*	*EPA 8260B*	*01/31/10 20:27*	*kat*	
Toluene-d8	*44*	*1*	*50.0*	*87 %*	*41-146*	*0A31004*	*EPA 8260B*	*01/31/10 20:27*	*kat*	

Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-04
Sampled: 01/28/10 10:38
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Metals 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
Mercury [7439-97-6] ^	**0.300**		ug/L	1	0.0240	0.200	0A27025	EPA 7470A	02/02/10 09:19	IR	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-04
Sampled: 01/28/10 10:38
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

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] ^	**345**		ug/L	1	68.0	100	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Iron [7439-89-6] ^	**370**		ug/L	1	38.0	50.0	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Sodium [7440-23-5] ^	**12.2**		mg/L	1	0.320	1.00	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Thallium [7440-28-0] ^	**0.573**	I	ug/L	1	0.260	1.00	0A29040	EPA 6020A	02/02/10 15:05	JAY	
Vanadium [7440-62-2] ^	**16.6**		ug/L	1	0.960	10.0	0A29040	EPA 6020A	02/02/10 15:05	JAY	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-04
Sampled: 01/28/10 10:38
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.010	U	mg/L	1	0.010	0.020	0B02003	EPA 350.1	02/02/10 11:51	KG	
Chloride [16887-00-6] ^	**9.8**		mg/L	1	0.24	5.0	0A28003	EPA 300.0	01/29/10 13:43	RSA	
Nitrate as N [14797-55-8] ^	**14**		mg/L	1	0.10	1.0	0A28003	EPA 300.0	01/29/10 13:43	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0B03026	EPA 420.1	02/04/10 10:34	KBS	
Sulfate [14808-79-8] ^	**30**		mg/L	1	0.11	5.0	0A28003	EPA 300.0	01/29/10 13:43	RSA	
Total Dissolved Solids [ECL-0156] ^	**640**		mg/L	1	10	10	0A31001	SM18 2540C	02/01/10 22:32	AH	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-04
Sampled: 01/28/10 10:38
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.27		mg/L	1	0.00	0.00	0B02018	Field	01/28/10 10:38	MCC	
pH [ECL-0062]	6.45		pH Units	1			0B02018	Field	01/28/10 10:38	MCC	
Specific Conductance (EC) [ECL-0146]	958		umhos/cm	1	0	0	0B02018	Field	01/28/10 10:38	MCC	
Temperature [ECL-0151]	24.79		°C	1	0.00	0.00	0B02018	Field	01/28/10 10:38	MCC	
Turbidity [ECL-0177]	9.90		NTU	1	0.00	0.00	0B02018	Field	01/28/10 10:38	MCC	
Water Elevation [ECL-0180]	39.94		Ft	1			0B02018	Field	01/28/10 10:38	MCC	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-05
Sampled: 01/28/10 12:54
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Benzene [71-43-2] ^	**1.0**		ug/L	1	0.35	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
cis-1,2-Dichloroethene [156-59-2] ^	**0.43**	I	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 20:59	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*85 %*	*41-142*	*0A31004*	*EPA 8260B*	*01/31/10 20:59*	*kat*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*53-146*	*0A31004*	*EPA 8260B*	*01/31/10 20:59*	*kat*	
Toluene-d8	*44*	*1*	*50.0*	*87 %*	*41-146*	*0A31004*	*EPA 8260B*	*01/31/10 20:59*	*kat*	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-05
Sampled: 01/28/10 12:54
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Metals 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
Mercury [7439-97-6] ^	0.0240	U	ug/L	1	0.0240	0.200	0A27025	EPA 7470A	02/02/10 09:22	IR	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-05
Sampled: 01/28/10 12:54
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

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	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Arsenic [7440-38-2] ^	**4.50**	I	ug/L	1	4.00	10.0	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Iron [7439-89-6] ^	**2370**		ug/L	1	38.0	50.0	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Sodium [7440-23-5] ^	**5.65**		mg/L	1	0.320	1.00	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Thallium [7440-28-0] ^	**0.290**	I	ug/L	1	0.260	1.00	0A29040	EPA 6020A	02/02/10 15:12	JAY	
Vanadium [7440-62-2] ^	**1.05**	I	ug/L	1	0.960	10.0	0A29040	EPA 6020A	02/02/10 15:12	JAY	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-05
Sampled: 01/28/10 12:54
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.010	U	mg/L	1	0.010	0.020	0B02003	EPA 350.1	02/02/10 11:57	KG	
Chloride [16887-00-6] ^	**9.5**		mg/L	1	0.24	5.0	0A28003	EPA 300.0	01/29/10 14:00	RSA	
Nitrate as N [14797-55-8] ^	0.10	U	mg/L	1	0.10	1.0	0A28003	EPA 300.0	01/29/10 14:00	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0B03026	EPA 420.1	02/04/10 10:34	KBS	
Sulfate [14808-79-8] ^	**7.9**		mg/L	1	0.11	5.0	0A28003	EPA 300.0	01/29/10 14:00	RSA	
Total Dissolved Solids [ECL-0156] ^	**630**		mg/L	1	10	10	0A31001	SM18 2540C	02/01/10 22:32	AH	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-05
Sampled: 01/28/10 12:54
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.24		mg/L	1	0.00	0.00	0B02018	Field	01/28/10 12:54	MCC	
pH [ECL-0062]	6.35		pH Units	1			0B02018	Field	01/28/10 12:54	MCC	
Specific Conductance (EC) [ECL-0146]	1014		umhos/cm	1	0	0	0B02018	Field	01/28/10 12:54	MCC	
Temperature [ECL-0151]	25.42		°C	1	0.00	0.00	0B02018	Field	01/28/10 12:54	MCC	
Turbidity [ECL-0177]	4.50		NTU	1	0.00	0.00	0B02018	Field	01/28/10 12:54	MCC	
Water Elevation [ECL-0180]	41.09		Ft	1			0B02018	Field	01/28/10 12:54	MCC	

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

Lab Sample ID: A906097-06
Sampled: 01/28/10 09:21
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 21:31	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*86 %*	*41-142*	*0A31004*	*EPA 8260B*	*01/31/10 21:31*	*kat*	
Dibromofluoromethane	*43*	*1*	*50.0*	*86 %*	*53-146*	*0A31004*	*EPA 8260B*	*01/31/10 21:31*	*kat*	
Toluene-d8	*45*	*1*	*50.0*	*89 %*	*41-146*	*0A31004*	*EPA 8260B*	*01/31/10 21:31*	*kat*	

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

Lab Sample ID: A906097-06
Sampled: 01/28/10 09:21
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Metals 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
Mercury [7439-97-6] ^	**0.118**	I	ug/L	1	0.0240	0.200	0A27025	EPA 7470A	02/02/10 09:32	IR	

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

Lab Sample ID: A906097-06
Sampled: 01/28/10 09:21
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

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] ^	**208**		ug/L	1	68.0	100	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Antimony [7440-36-0] ^	0.700	U	ug/L	1	0.700	20.0	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Arsenic [7440-38-2] ^	4.00	U	ug/L	1	4.00	10.0	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Iron [7439-89-6] ^	**66.5**		ug/L	1	38.0	50.0	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Lead [7439-92-1] ^	1.20	U	ug/L	1	1.20	5.00	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Sodium [7440-23-5] ^	**20.6**		mg/L	1	0.320	1.00	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Thallium [7440-28-0] ^	**0.603**	I	ug/L	1	0.260	1.00	0A29040	EPA 6020A	02/02/10 16:08	JAY	
Vanadium [7440-62-2] ^	**7.12**	I	ug/L	1	0.960	10.0	0A29040	EPA 6020A	02/02/10 16:08	JAY	

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

Lab Sample ID: A906097-06
Sampled: 01/28/10 09:21
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.010	U	mg/L	1	0.010	0.020	0B02003	EPA 350.1	02/02/10 11:58	KG	
Chloride [16887-00-6] ^	**25**		mg/L	1	0.24	5.0	0A28003	EPA 300.0	01/29/10 14:17	RSA	
Nitrate as N [14797-55-8] ^	**0.44**	I	mg/L	1	0.10	1.0	0A28003	EPA 300.0	01/29/10 14:17	RSA	
Phenolics [ECL-0123] ^	10	U	ug/L	1	10	50	0B03026	EPA 420.1	02/04/10 10:34	KBS	
Sulfate [14808-79-8] ^	**51**		mg/L	1	0.11	5.0	0A28003	EPA 300.0	01/29/10 14:17	RSA	
Total Dissolved Solids [ECL-0156] ^	**570**		mg/L	1	10	10	0A31001	SM18 2540C	02/01/10 22:32	AH	

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

Lab Sample ID: A906097-06
Sampled: 01/28/10 09:21
Sampled By: Chris Monaco

Received: 01/28/10 16:30
Work Order: A906097

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.44		mg/L	1	0.00	0.00	0B02018	Field	01/28/10 09:21	MCC	
pH [ECL-0062]	6.00		pH Units	1			0B02018	Field	01/28/10 09:21	MCC	
Specific Conductance (EC) [ECL-0146]	861		umhos/cm	1	0	0	0B02018	Field	01/28/10 09:21	MCC	
Temperature [ECL-0151]	23.83		°C	1	0.00	0.00	0B02018	Field	01/28/10 09:21	MCC	
Turbidity [ECL-0177]	9.20		NTU	1	0.00	0.00	0B02018	Field	01/28/10 09:21	MCC	
Water Elevation [ECL-0180]	40.92		Ft	1			0B02018	Field	01/28/10 09:21	MCC	

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Description: TRIP BLANK
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A906097-07
Sampled: 01/28/10 00:00
Sampled By: ENCO

Received: 01/28/10 16:30
Work Order: A906097

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.40	U	ug/L	1	0.40	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.23	U	ug/L	1	0.23	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,1-Dichloroethane [75-34-3] ^	0.45	U	ug/L	1	0.45	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,1-Dichloroethene [75-35-4] ^	0.50	U	ug/L	1	0.50	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.32	U	ug/L	1	0.32	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,2-Dichloroethane [107-06-2] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,2-Dichloropropane [78-87-5] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.34	U	ug/L	1	0.34	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Benzene [71-43-2] ^	0.35	U	ug/L	1	0.35	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Bromodichloromethane [75-27-4] ^	0.31	U	ug/L	1	0.31	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Bromomethane [74-83-9] ^	0.63	U	ug/L	1	0.63	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Carbon tetrachloride [56-23-5] ^	0.51	U	ug/L	1	0.51	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Chlorobenzene [108-90-7] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Chloroethane [75-00-3] ^	0.66	U	ug/L	1	0.66	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Chloroform [67-66-3] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Chloromethane [74-87-3] ^	0.53	U	ug/L	1	0.53	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.30	U	ug/L	1	0.30	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Dibromochloromethane [124-48-1] ^	0.24	U	ug/L	1	0.24	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Dichlorodifluoromethane [75-71-8] ^	0.75	U	ug/L	1	0.75	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Ethylbenzene [100-41-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Methylene chloride [75-09-2] ^	0.41	U	ug/L	1	0.41	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.26	U	ug/L	1	0.26	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
o-Xylene [95-47-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Tetrachloroethene [127-18-4] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Toluene [108-88-3] ^	0.43	U	ug/L	1	0.43	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.47	U	ug/L	1	0.47	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.37	U	ug/L	1	0.37	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Trichloroethene [79-01-6] ^	0.39	U	ug/L	1	0.39	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Trichlorofluoromethane [75-69-4] ^	0.57	U	ug/L	1	0.57	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Vinyl chloride [75-01-4] ^	0.48	U	ug/L	1	0.48	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	
Xylenes (Total) [1330-20-7] ^	0.85	U	ug/L	1	0.85	1.0	0A31004	EPA 8260B	01/31/10 22:04	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*41-142*	*0A31004*	*EPA 8260B*	*01/31/10 22:04*	*kat*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*53-146*	*0A31004*	*EPA 8260B*	*01/31/10 22:04*	*kat*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*41-146*	*0A31004*	*EPA 8260B*	*01/31/10 22:04*	*kat*	

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0A31004 - EPA 5030B_MS

Blank (0A31004-BLK1) Prepared: 01/31/2010 15:24 Analyzed: 01/31/2010 17:17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.40	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.23	U	1.0	ug/L							
1,1,2-Trichloroethane	0.34	U	1.0	ug/L							
1,1-Dichloroethane	0.45	U	1.0	ug/L							
1,1-Dichloroethene	0.50	U	1.0	ug/L							
1,2-Dichlorobenzene	0.32	U	1.0	ug/L							
1,2-Dichloroethane	0.34	U	1.0	ug/L							
1,2-Dichloropropane	0.34	U	1.0	ug/L							
1,3-Dichlorobenzene	0.34	U	1.0	ug/L							
1,4-Dichlorobenzene	0.41	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	0.39	U	1.0	ug/L							
Benzene	0.35	U	1.0	ug/L							
Bromodichloromethane	0.31	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.63	U	1.0	ug/L							
Carbon tetrachloride	0.51	U	1.0	ug/L							
Chlorobenzene	0.37	U	1.0	ug/L							
Chloroethane	0.66	U	1.0	ug/L							
Chloroform	0.37	U	1.0	ug/L							
Chloromethane	0.53	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.41	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.30	U	1.0	ug/L							
Dibromochloromethane	0.24	U	1.0	ug/L							
Dichlorodifluoromethane	0.75	U	1.0	ug/L							
Ethylbenzene	0.43	U	1.0	ug/L							
m,p-Xylenes	0.85	U	1.0	ug/L							
Methylene chloride	0.41	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.26	U	1.0	ug/L							
o-Xylene	0.39	U	1.0	ug/L							
Tetrachloroethene	0.43	U	1.0	ug/L							
Toluene	0.43	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.47	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.37	U	1.0	ug/L							
Trichloroethene	0.39	U	1.0	ug/L							
Trichlorofluoromethane	0.57	U	1.0	ug/L							
Vinyl chloride	0.48	U	1.0	ug/L							
Xylenes (Total)	0.85	U	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*41*			*ug/L*	*50.0*		*82*	*41-142*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*82*	*53-146*			
Surrogate: Toluene-d8	*42*			*ug/L*	*50.0*		*84*	*41-146*			

LCS (0A31004-BS1) Prepared: 01/31/2010 15:24 Analyzed: 01/31/2010 16:46

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		97	65-144			
Benzene	23		1.0	ug/L	20.0		115	73-138			
Chlorobenzene	22		1.0	ug/L	20.0		112	77-127			
Toluene	21		1.0	ug/L	20.0		105	71-123			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 0A31004 - EPA 5030B_MS

LCS (0A31004-BS1) Continued Prepared: 01/31/2010 15:24 Analyzed: 01/31/2010 16:46

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	25		1.0	ug/L	20.0		123	83-133			
Surrogate: 4-Bromofluorobenzene	*41*			*ug/L*	*50.0*		*81*	*41-142*			
Surrogate: Dibromofluoromethane	*43*			*ug/L*	*50.0*		*85*	*53-146*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*41-146*			

Matrix Spike (0A31004-MS1) Prepared: 01/31/2010 15:24 Analyzed: 01/31/2010 17:48

Source: A906097-01

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	0.50 U	85	65-144			
Benzene	19		1.0	ug/L	20.0	0.35 U	94	73-138			
Chlorobenzene	20		1.0	ug/L	20.0	0.37 U	102	77-127			
Toluene	19		1.0	ug/L	20.0	0.43 U	94	71-123			
Trichloroethene	20		1.0	ug/L	20.0	0.39 U	99	83-133			
Surrogate: 4-Bromofluorobenzene	*42*			*ug/L*	*50.0*		*85*	*41-142*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*91*	*53-146*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*91*	*41-146*			

Matrix Spike Dup (0A31004-MSD1) Prepared: 01/31/2010 15:24 Analyzed: 01/31/2010 18:20

Source: A906097-01

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	0.50 U	84	65-144	1	16	
Benzene	20		1.0	ug/L	20.0	0.35 U	102	73-138	8	14	
Chlorobenzene	21		1.0	ug/L	20.0	0.37 U	106	77-127	3	13	
Toluene	19		1.0	ug/L	20.0	0.43 U	97	71-123	4	16	
Trichloroethene	22		1.0	ug/L	20.0	0.39 U	108	83-133	9	20	
Surrogate: 4-Bromofluorobenzene	*42*			*ug/L*	*50.0*		*83*	*41-142*			
Surrogate: Dibromofluoromethane	*43*			*ug/L*	*50.0*		*85*	*53-146*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*91*	*41-146*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0A27025 - EPA 7470A

Blank (0A27025-BLK1) Prepared: 02/01/2010 13:15 Analyzed: 02/02/2010 08:05

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

Blank (0A27025-BLK2) Prepared: 02/01/2010 13:15 Analyzed: 02/02/2010 08:08

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

LCS (0A27025-BS1) Prepared: 02/01/2010 13:15 Analyzed: 02/02/2010 08:17

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0A27025 - EPA 7470A

LCS (0A27025-BS1) Continued Prepared: 02/01/2010 13:15 Analyzed: 02/02/2010 08:17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.31		0.200	ug/L	5.00		86	85-115			

Matrix Spike (0A27025-MS1) Prepared: 02/01/2010 13:15 Analyzed: 02/02/2010 08:23

Source: A906097-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.10		0.200	ug/L	5.00	0.0240 U	82	85-115			QM-07

Matrix Spike Dup (0A27025-MSD1) Prepared: 02/01/2010 13:15 Analyzed: 02/02/2010 08:26

Source: A906097-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.21		0.200	ug/L	5.00	0.0240 U	84	85-115	3	10	QM-07

Post Spike (0A27025-PS1) Prepared: 02/02/2010 06:00 Analyzed: 02/02/2010 08:30

Source: A906097-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.85		0.200	ug/L	5.61	-0.0117	87	0-200			

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

Batch 0A29040 - EPA 3005A

Blank (0A29040-BLK1) Prepared: 02/01/2010 11:21 Analyzed: 02/02/2010 12:17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	68.0	U	100	ug/L							
Antimony	0.700	U	20.0	ug/L							
Arsenic	4.00	U	10.0	ug/L							
Cadmium	1.10	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Lead	1.20	U	5.00	ug/L							
Sodium	0.320	U	1.00	mg/L							
Thallium	0.260	U	1.00	ug/L							
Vanadium	0.960	U	10.0	ug/L							

Blank (0A29040-BLK2) Prepared: 02/01/2010 11:21 Analyzed: 02/02/2010 12:24

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	6.80	U	10.0	ug/L							
Antimony	0.0700	U	2.00	ug/L							
Arsenic	0.400	U	1.00	ug/L							
Cadmium	0.110	U	0.300	ug/L							
Chromium	0.450	U	1.00	ug/L							
Iron	3.80	U	5.00	ug/L							

QUALITY CONTROL

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

Batch 0A29040 - EPA 3005A

Blank (0A29040-BLK2) Continued Prepared: 02/01/2010 11:21 Analyzed: 02/02/2010 12:24

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	0.120	U	0.500	ug/L							
Sodium	0.0320	U	0.100	mg/L							
Thallium	0.0260	U	0.100	ug/L							
Vanadium	0.0960	U	1.00	ug/L							

LCS (0A29040-BS1) Prepared: 02/01/2010 11:21 Analyzed: 02/02/2010 12:31

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1040		100	ug/L	1000		104	80-120			
Antimony	49.4		20.0	ug/L	50.0		99	80-120			
Arsenic	490		10.0	ug/L	500		98	80-120			
Cadmium	50.7		3.00	ug/L	50.0		101	80-120			
Chromium	520		10.0	ug/L	500		104	80-120			
Iron	1040		50.0	ug/L	1000		104	80-120			
Lead	504		5.00	ug/L	500		101	80-120			
Sodium	25.9		1.00	mg/L	25.0		103	80-120			
Thallium	50.3		1.00	ug/L	50.0		101	80-120			
Vanadium	513		10.0	ug/L	500		103	80-120			

Matrix Spike (0A29040-MS1) Prepared: 02/01/2010 11:21 Analyzed: 02/02/2010 12:47

Source: A000228-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1370		100	ug/L	1000	394	97	75-125			
Antimony	49.7		20.0	ug/L	50.0	0.700 U	99	75-125			
Arsenic	506		10.0	ug/L	500	13.9	98	75-125			
Cadmium	50.5		3.00	ug/L	50.0	1.10 U	101	75-125			
Chromium	511		10.0	ug/L	500	4.50 U	102	75-125			
Iron	14300	L	50.0	ug/L	1000	13100	117	75-125			E, QM-02, QM-17
Lead	507		5.00	ug/L	500	1.20 U	101	75-125			
Sodium	40.4		1.00	mg/L	25.0	14.9	102	75-125			
Thallium	50.7		1.00	ug/L	50.0	0.514	100	75-125			
Vanadium	509		10.0	ug/L	500	6.37	101	75-125			

Matrix Spike Dup (0A29040-MSD1) Prepared: 02/01/2010 11:21 Analyzed: 02/02/2010 12:56

Source: A000228-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1460		100	ug/L	1000	394	107	75-125	7	20	
Antimony	50.0		20.0	ug/L	50.0	0.700 U	100	75-125	0.5	20	
Arsenic	506		10.0	ug/L	500	13.9	98	75-125	0.07	20	
Cadmium	50.6		3.00	ug/L	50.0	1.10 U	101	75-125	0.2	20	
Chromium	508		10.0	ug/L	500	4.50 U	102	75-125	0.5	20	
Iron	14000	L	50.0	ug/L	1000	13100	93	75-125	2	20	E, QM-02, QM-17
Lead	504		5.00	ug/L	500	1.20 U	101	75-125	0.6	20	
Sodium	39.6		1.00	mg/L	25.0	14.9	99	75-125	2	20	
Thallium	51.4		1.00	ug/L	50.0	0.514	102	75-125	1	20	

QUALITY CONTROL

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

Batch 0A29040 - EPA 3005A

Matrix Spike Dup (0A29040-MSD1) Continued Prepared: 02/01/2010 11:21 Analyzed: 02/02/2010 12:56

Source: A000228-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vanadium	504		10.0	ug/L	500	6.37	99	75-125	1	20	

Post Spike (0A29040-PS1) Prepared: 02/02/2010 12:00 Analyzed: 02/02/2010 13:04

Source: A000228-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	141		10.0	ug/L	98.0	38.6	105	80-120			
Antimony	4.67		2.00	ug/L	4.90	0.0343	95	80-120			
Arsenic	48.5		1.00	ug/L	49.0	1.36	96	80-120			
Cadmium	4.94		0.300	ug/L	4.90	-0.00176	101	80-120			
Chromium	48.6		1.00	ug/L	49.0	0.0989	99	80-120			
Iron	1400	L	5.00	ug/L	98.0	1290	113	80-120			E, QM-08
Lead	48.2		0.500	ug/L	49.0	0.0873	98	80-120			
Sodium	3990		100	ug/L	2450	1460	103	80-120			
Thallium	4.88		0.100	ug/L	4.90	0.0504	98	80-120			
Vanadium	49.0		1.00	ug/L	49.0	0.625	99	80-120			

Batch AA10091 - 0B01015

Serial Dilution (AA10091-SRD1) Prepared: 02/01/2010 00:00 Analyzed: 02/02/2010 13:21

Source: A000228-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	12500		500	ug/L		13100			5	10	
Sodium	15.0		5.00	ug/L		14.9			0.6	10	

Serial Dilution (AA10091-SRD2) Prepared: 02/01/2010 00:00 Analyzed: 02/02/2010 19:18

Source: A000517-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1050000		100	ug/L		1170			200	10	
Iron	3460000		50.0	ug/L		3860			200	10	
Lead	69200		2.50	ug/L		78.1			200	10	
Sodium	49.4		0.500	ug/L		0.160 U				10	

Serial Dilution (AA10091-SRD3) Prepared: 02/01/2010 00:00 Analyzed: 02/03/2010 03:02

Source: A000398-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	420		0.500	ug/L						10	

Classical Chemistry Parameters - Quality Control

Batch 0A28003 - NO PREP

Blank (0A28003-BLK1) Prepared: 01/28/2010 13:25 Analyzed: 01/29/2010 06:11

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 0A28003 - NO PREP

Blank (0A28003-BLK1) Continued Prepared: 01/28/2010 13:25 Analyzed: 01/29/2010 06:11

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.24	U	5.0	mg/L							
Nitrate as N	0.10	U	1.0	mg/L							
Sulfate	0.11	U	5.0	mg/L							

LCS (0A28003-BS1) Prepared: 01/28/2010 13:25 Analyzed: 01/29/2010 06:28

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	49		5.0	mg/L	50.0		98	90-110			
Nitrate as N	9.8		1.0	mg/L	10.0		98	90-110			
Sulfate	48		5.0	mg/L	50.0		95	90-110			

Matrix Spike (0A28003-MS1) Prepared: 01/28/2010 13:25 Analyzed: 01/29/2010 07:02

Source: A000435-10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	65		5.0	mg/L	51.0	15	98	90-110			
Nitrate as N	9.9		1.0	mg/L	10.2	0.10 U	97	90-110			
Sulfate	68		5.0	mg/L	51.0	20	95	90-110			

Matrix Spike Dup (0A28003-MSD1) Prepared: 01/28/2010 13:25 Analyzed: 01/29/2010 07:19

Source: A000435-10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	69		5.0	mg/L	51.0	15	105	90-110	5	10	
Nitrate as N	10		1.0	mg/L	10.2	0.10 U	103	90-110	6	10	
Sulfate	71		5.0	mg/L	51.0	20	101	90-110	4	10	

Batch 0A31001 - NO PREP

Blank (0A31001-BLK1) Prepared: 01/31/2010 08:15 Analyzed: 02/01/2010 22:32

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 (0A31001-BS1) Prepared: 01/31/2010 08:15 Analyzed: 02/01/2010 22:32

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	300		10	mg/L	300		101	88-111			

Duplicate (0A31001-DUP1) Prepared: 01/31/2010 08:15 Analyzed: 02/01/2010 22:32

Source: A000509-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	580		10	mg/L		580			0	10	

Batch 0B02003 - NO PREP

QUALITY CONTROL

lassical Chemistry Parameters - Quality Control

Batch 0B02003 - NO PREP

Blank (0B02003-BLK1) Prepared: 02/02/2010 08:29 Analyzed: 02/02/2010 11:11

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

LCS (0B02003-BS1) Prepared: 02/02/2010 08:29 Analyzed: 02/02/2010 11:21

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.99		0.020	mg/L	1.00		99	90-110			

Matrix Spike (0B02003-MS1) Prepared: 02/02/2010 08:29 Analyzed: 02/02/2010 11:27

Source: A000081-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.92		0.020	mg/L	1.00	0.010 U	92	90-110			

Matrix Spike Dup (0B02003-MSD1) Prepared: 02/02/2010 08:29 Analyzed: 02/02/2010 11:28

Source: A000081-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.94		0.020	mg/L	1.00	0.010 U	94	90-110	2	10	

Batch 0B03004 - NO PREP

Blank (0B03004-BLK1) Prepared: 02/03/2010 08:00 Analyzed: 02/03/2010 09:33

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

LCS (0B03004-BS1) Prepared: 02/03/2010 08:00 Analyzed: 02/03/2010 10:20

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	50		5.0	mg/L	50.0		101	90-110			

Matrix Spike (0B03004-MS1) Prepared: 02/03/2010 10:00 Analyzed: 02/03/2010 12:05

Source: A000370-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	49		5.0	mg/L	51.0	1.5	94	90-110			

Matrix Spike Dup (0B03004-MSD1) Prepared: 02/03/2010 10:00 Analyzed: 02/03/2010 12:22

Source: A000370-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	53		5.0	mg/L	51.0	1.5	100	90-110	6	10	

Batch 0B03026 - NO PREP

Blank (0B03026-BLK1) Prepared: 02/03/2010 15:11 Analyzed: 02/04/2010 10:34

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 0B03026 - NO PREP

Blank (0B03026-BLK1) Continued Prepared: 02/03/2010 15:11 Analyzed: 02/04/2010 10:34

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	14	U	50	ug/L							

LCS (0B03026-BS1) Prepared: 02/03/2010 15:11 Analyzed: 02/04/2010 10:34

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

Matrix Spike (0B03026-MS1) Prepared: 02/03/2010 15:11 Analyzed: 02/04/2010 10:34

Source: A906097-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	480		50	ug/L	500	14 U	96	78-110			

Matrix Spike Dup (0B03026-MSD1) Prepared: 02/03/2010 15:11 Analyzed: 02/04/2010 10:34

Source: A906097-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	480		50	ug/L	500	14 U	96	78-110	0.7	10	

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value. The associated sample note or project narrative indicate the causative reason.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-08	Post-digestion spike did not meet method requirements due to confirmed matrix effects (dilution test).
QM-17	Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample.

ENCO
www.encolabs.com

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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
Tel	(352) 266-4853
Fax	(352) 622-4999
Reporting Contact	Nick Giunarelli
Sampler(s) Name, Affiliation (Print)	Chris Monaco,ENCO
Billing Contact	Nick Giunarelli

Requested Turnaround Times: X Standard ___ Expedited; Due __/__/__

Lab Workorder: A906097

Requested Analyses

Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix	Total # of Containers	8260B Arom/Halo	Al,As,Cd,Cr,Fe,Na,Pb,Sb,Tl,V, Hg	Ammonia 350.1	Chloride 300,Nitrate as N 300,Sulfate 300	Phenols 420.1	TDS SM2540C	FIELD PARAMETERS	Sample Comments
MW-5	1/28/10	1140	Grab	GW	6	X	X	X	X	X	X	X	
MW-1	1/28/10	0959	Grab	GW	6	X	X	X	X	X	X	X	
MW-6	1/28/10	1217	Grab	GW	6	X	X	X	X	X	X	X	
MW-7	1/28/10	1038	Grab	GW	6	X	X	X	X	X	X	X	
MW-8	1/28/10	1254	Grab	GW	6	X	X	X	X	X	X	X	
MW-9S	1/28/10	0921	Grab	GW	6	X	X	X	X	X	X	X	
TRIP BLANK	—	—	—	GW	6	X	X	X	X	X	X	X	

Sample Kit Prepared By: SP 12/22/09 1000

Relinquished By	Date/Time	Received By	Date/Time
[signature]	12/22/09 1000	Karen LeBeau	12/28 1100
Karen LeBeau	1/28/10 1330	[signature]	1/28/10 1330
[signature]	1/28/10 1930	[signature]	1/28 1930
[signature]	1/28 1630	[signature]	

Condition Upon Receipt: ✓ Acceptable / Unacceptable

#1060, 0°

SEMI-ANNUAL MONITORING REPORT

SECOND HALF 2011

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

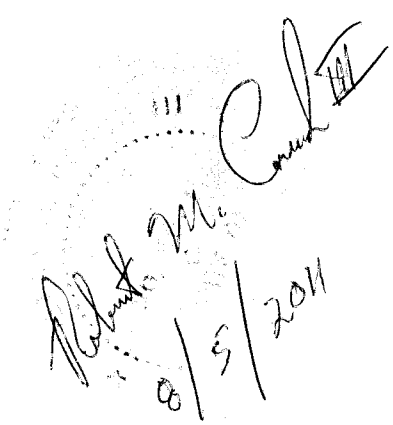
PREPARED FOR:

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

PREPARED BY:

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

August 2, 2011



August 2, 2011

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

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

Dear Mr. Giunarelli:

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

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

PROJECT LOCATION

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

GROUNDWATER QUALITY ASSESSMENT

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

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

GROUNDWATER ANALYTICAL RESULTS

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

MW-1

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

MW-5

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

MW-6

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

MW-7

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

MW-8

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

MW-9S

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

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

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

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

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

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

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

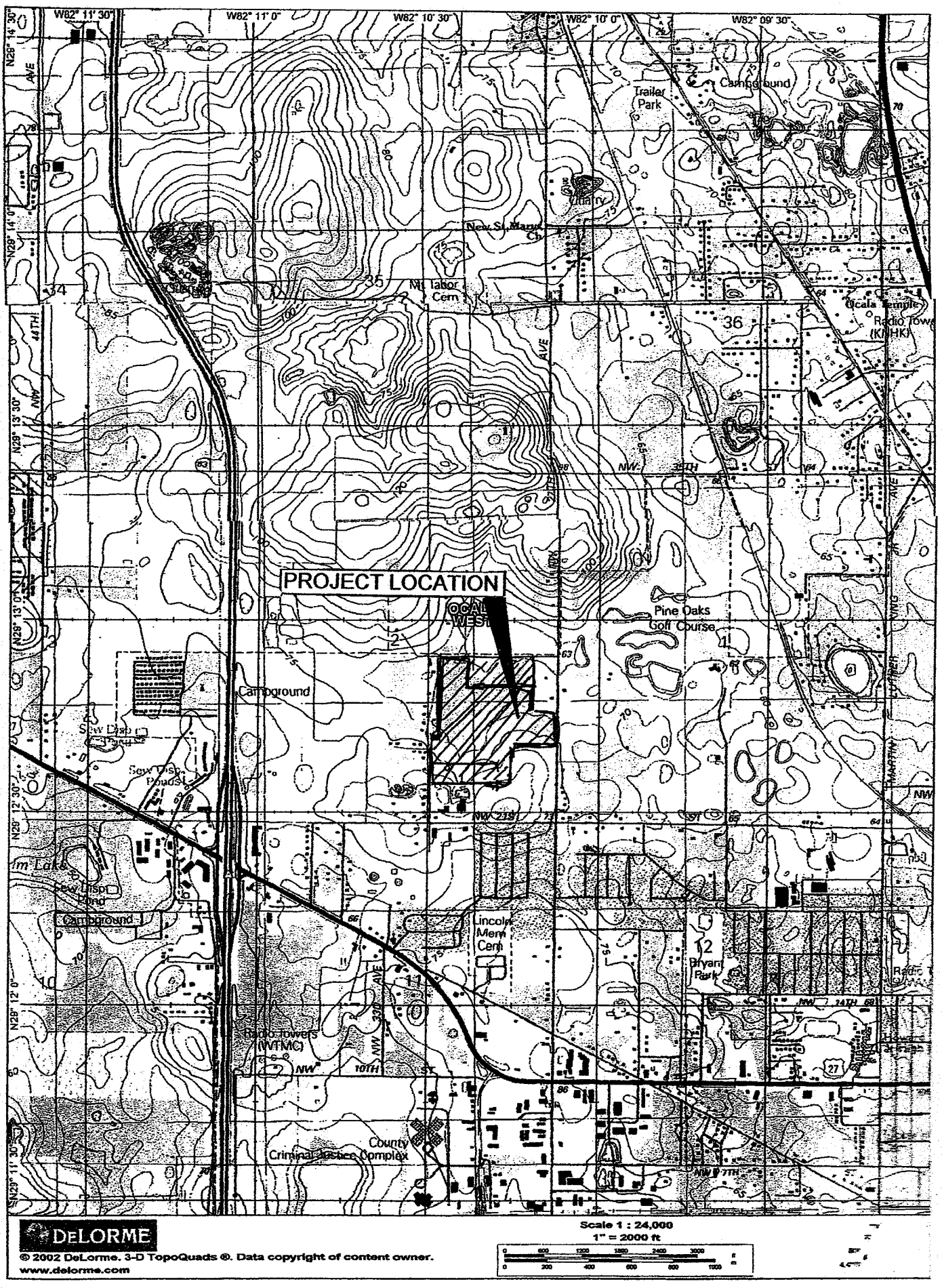
Sincerely,

Robert M. Couch III

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

Cc: Gloria Jean DePradine- Florida Department of Environmental Protection

APPENDIX


PROJECT LOCATION
W82° 11' 30"
W82° 11' 0"
W82° 10' 30"
W82° 10' 0"
W82° 09' 30"
N29° 14' 30"
N29° 14' 0"
N29° 13' 30"
N29° 13' 0"
N29° 12' 30"
N29° 12' 0"
N29° 11' 30"
Trailer Park
Campground
New St. Mary's Ch
Mt Tabor Cem
Ocala Temple
Radio Tow
(KNHK)
Pine Oaks Golf Course
Campground
Sew Disp Pond
Sew Disp Pond
Campground
Lincoln Mem Cem
Bryant Park
Radio Towers (WTMC)
County Criminal Justice Complex
DeLORME
Scale 1 : 24,000
1" = 2000 ft
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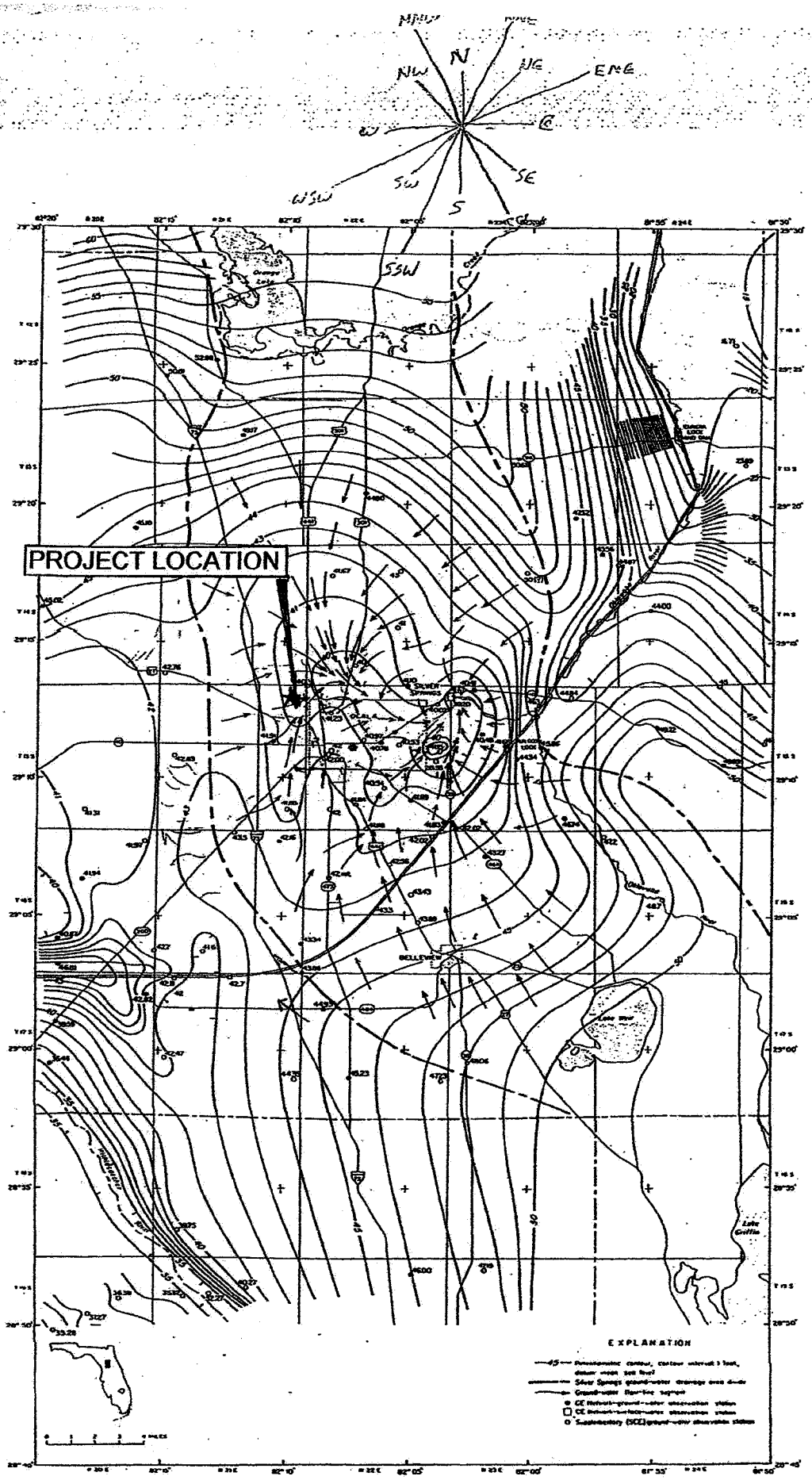

Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 34.32	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (43.45 feet – 34.32 feet) X .16 gallons/foot = 1.46 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.00	PURGING INITIATED AT: 0856	PURGING ENDED AT: 0906	TOTAL VOLUME PURGED (gallons): 5.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0900	2.00	2.00	.50	34.50	6.69	23.63	1,183	.62	14.50	slight yellow	slight
0903	1.50	3.50	.50	34.50	6.67	23.64	1,200	.61	5.50	Clear	slight
0906	1.50	5.00	.50	34.50	6.67	23.65	1,207	.71	2.40	Clear	slight

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0906	SAMPLING ENDED AT: 0914
PUMP OR TUBING DEPTH IN WELL (feet): 36.00	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-1	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-1	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-1	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135

REMARKS: Slowed pump to sample Cannot describe odor

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

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 47.71	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (67.45 feet – 47.71 feet) X .16 gallons/foot = 3.16 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 49.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49.50	PURGING INITIATED AT: 0926	PURGING ENDED AT: 0943	TOTAL VOLUME PURGED (gallons): 5.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0937	3.30	3.30	.30	47.84	6.70	23.09	880	.83	2.10	Clear	None
0940	.90	4.20	.30	47.84	6.70	23.13	881	.87	1.70	Clear	None
0943	.90	5.10	.30	47.84	6.71	23.07	882	.80	1.30	Clear	None

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0943	SAMPLING ENDED AT: 0951
PUMP OR TUBING DEPTH IN WELL (feet): 49.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP [Y] N TUBING Y [N] (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-5	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-5	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-5	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135

REMARKS:

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

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	40 feet to 50 feet	37.63	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (53.10 feet – 37.63 feet) X .16 gallons/foot = 2.48 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
39.50	39.50	0955	1007	6.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1001	3.00	3.00	.50	38.05	6.89	22.12	723	2.86	19.60	Clear	None
1004	1.50	4.50	.50	38.05	6.84	22.02	723	2.89	7.70	Clear	None
1007	1.50	6.00	.50	38.05	6.85	22.02	726	2.85	3.40	Clear	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		1007	1014

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y [N]	FILTER SIZE: ____ µm
39.50	PE	Filtration Equipment Type:	

FIELD DECONTAMINATION: PUMP [Y] N TUBING Y [N] (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-6	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈100
MW-6	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈1135
MW-6	1	AG	250mL	H_2SO_4	None	<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 = 37.63 Reference Elevation = 78.05 GWTE = 40.42 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-7	WACS_WELL: 22914	DATE: 07 / 15 / 11

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 41 feet to 51 feet	STATIC DEPTH TO WATER (feet): 48.45	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (53.80 feet – 48.45 feet) X .16 gallons/foot = .86 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 50.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 51.50	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1110	TOTAL VOLUME PURGED (gallons): 3.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1104	2.25	2.25	.25	50.06	6.62	23.42	958	.70	7.80	clear	None
1107	.75	3.00	.25	50.06	6.62	23.39	959	.71	3.30	clear	None
1110	.75	3.75	.25	50.06	6.63	23.30	955	.70	2.40	clear	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1117
PUMP OR TUBING DEPTH IN WELL (feet): 51.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-7	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-7	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 946
MW-7	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 946
MW-7	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 946

REMARKS:

DTW = 48.45 Reference Elevation = 88.67 GWTE = 40.22 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 30.94	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.24 feet – 30.94 feet) X .16 gallons/foot = .53 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.50	PURGING INITIATED AT: 1025	PURGING ENDED AT: 1036	TOTAL VOLUME PURGED (gallons): 2.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1030	1.00	1.00	.20	31.02	6.50	23.85	1119	.67	4.20	Clear	None
1033	.60	1.60	.20	31.02	6.49	23.86	1127	.79	2.50	Clear	None
1036	.60	2.20	.20	31.02	6.49	23.83	1128	.96	1.50	Clear	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1036	SAMPLING ENDED AT: 1047
PUMP OR TUBING DEPTH IN WELL (feet): 32.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-8	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-8	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 378
MW-8	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 378
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 378

REMARKS:

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

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

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

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	unk. feet to unk. feet	28.58	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (32.80 feet – 28.58 feet) X .16 gallons/foot = .68 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
30.00	30.00	0824	0839	4.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0833	2.70	2.70	.30	28.72	6.74	21.74	891	.93	15.90	clear	None
0836	.90	3.60	.30	28.72	6.71	21.76	899	.79	3.50	clear	None
0839	.90	4.50	.30	28.72	6.73	21.76	901	.76	2.50	Clear	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		0839	0847

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y [N]	FILTER SIZE: ____ µm
30.00	PE	Filtration Equipment Type:	

FIELD DECONTAMINATION: PUMP [Y] N TUBING Y [N] (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-9S	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-9S	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-9S	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-9S	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135

REMARKS:

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

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

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

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

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

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

Revision Date: February 12, 2009

CALIBRATION LOG

ITS Work Order Number: FRL-~~04~~-071511
DG 7/15/11

CLIENT: Friends Recycling
ADDRESS: 2350 NW 27th Ave.
CITY, STATE: Ocala, Fl 34475
Site: Friends Recycling C&D Landfill
START CAL DATE @ TIME: 07/15/11 @ 0730
END CALIBRATION DATE @ TIME: 07/15/11 @ 1340

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

pH Sensor Per DEP-SOP-001/01 FT 1100

Standard	METER READING START	METER READING END	VERIFY @ START	LOT NUMBER	EXP DATE
4.01	4.01	4.00	✓	OQ1	Oct-12
7.00	7.00	6.99	7.00	OU3	Jun-12
10.00	10.00	10.00	✓	OS2	Aug-12

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

Temperature Sensor Per DEP-SOP-001/01 FT 1400

STANDARD (ERTCO Thermometer)		YSI METER TEMP READING LOW	YSI METER TEMP READING HIGH	LOT NUMBER	DATE PERFORMED (Quarterly)
LOW	4.80	4.85		NA	07/07/11
HIGH	30.70		30.74		07/07/11

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

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

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

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

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

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

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

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

Notes:
NA - not applicable
NM - not measured
Form Rev 3.15 on 07/08/11: Updated for new ORP standard, check temp calibration

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

STANDARD (ntu)	START METER READING	END METER READING	LOT NUMBER	EXPIRATION DATE
1000	1000	1000	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

Remarks:
Weather Conditions: 85-90°F humid

Equipment Blank with D.I. water
Zephyr Hills brand Lot #030311067WF2331847BB
Exp Date 09/06/12
Equipment Blank Data - Collected @ None Collected
pH = ✓ Cond = ✓
Temp = ✓ D.O. = ✓
Turbidity = ✓

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

COPY TO: Nick Giumarelli

SIGNED: [signature]
Chris Monaco or Karen LeBeau

Environmental Conservation Laboratories, Inc.
10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 FAX: 407.850.6945

www.encolabs.com

Sunday, July 24, 2011

Friends Recycling (FR008)

Attn: Nick Giunarelli

2350 NW 27th Avenue

Ocala, FL 34475

RE: Laboratory Results for
Project Number: 21012, Project Name/Desc: FRIENDS RECYCLING FORMERLY OCALA RECYCLING
ENCO Workorder: A103465

Dear Nick Giunarelli,

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

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

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

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

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

Sincerely,

Marcia Colon

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 47.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5 | **Lab ID: A103465-01** | **Sampled: 07/15/11 09:51** | **Received: 07/15/11 15:00**

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

Client ID: MW-1 | **Lab ID: A103465-02** | **Sampled: 07/15/11 09:14** | **Received: 07/15/11 15:00**

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

Client ID: MW-1 | **Lab ID: A103465-02RE1** | **Sampled: 07/15/11 09:14** | **Received: 07/15/11 15:00**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	08/12/11	07/18/11	12:30	7/18/2011	13:29

Client ID: MW-6 | **Lab ID: A103465-03** | **Sampled: 07/15/11 10:14** | **Received: 07/15/11 15:00**

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

Client ID: MW-7	Lab ID: A103465-04	Sampled: 07/15/11 11:17	Received: 07/15/11 15:00

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

Client ID: MW-8	Lab ID: A103465-05	Sampled: 07/15/11 10:47	Received: 07/15/11 15:00

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

Client ID: MW-8	Lab ID: A103465-05RE1	Sampled: 07/15/11 10:47	Received: 07/15/11 15:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6020A	01/11/12	07/19/11	15:42	7/21/2011	13:08

Client ID: MW-9S	Lab ID: A103465-06	Sampled: 07/15/11 08:47	Received: 07/15/11 15:00

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

Client ID: TRIP BLANK	Lab ID: A103465-07	Sampled: 07/15/11 00:00	Received: 07/15/11 15:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	07/29/11	07/20/11 11:08	7/20/2011 20:46

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SAMPLE DETECTION SUMMARY

Client ID: MW-5		Lab ID: A103465-01						
Analyte		**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Ammonia as N	2.80 mg/L	0.60		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	10.0 ug/L	4.72	I	4.10	10.0	ug/L	EPA 6020A	
Chloride	250 mg/L	6.2		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	N/A	0.80		0.00	0.00	mg/L	Field	
Iron - Total	300 ug/L	10700		190	250	ug/L	EPA 6020A	
pH	N/A	6.71				pH Units	Field	
Sodium - Total	160 mg/L	4.42		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	N/A	882		0	0	umhos/cm	Field	
Sulfate	250	9.0		0.07	5.0	mg/L	EPA 300.0	
Temperature	N/A	23.07		0.00	0.00	°C	Field	
Total Dissolved Solids	500	490		10	10	mg/L	SM18 2540C	
Turbidity	N/A	1.30		0.00	0.00	NTU	Field	
Water Elevation	N/A	40.17				Ft	Field	

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

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

Client ID: MW-6		Lab ID: A103465-03						
Analyte		**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Chloride		3.3	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen		2.85		0.00	0.00	mg/L	Field	
Nitrate as N	10.0	1.7		0.052	1.0	mg/L	EPA 300.0	
pH		6.00				pH Units	Field	
Sodium - Total		5.57		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)		726		0	0	umhos/cm	Field	
Sulfate		22		0.07	5.0	mg/L	EPA 300.0	
Temperature		22.02		0.00	0.00	°C	Field	
Total Dissolved Solids		420		10	10	mg/L	SM18 2540C	
Turbidity		3.40		0.00	0.00	NTU	Field	
Water Elevation		40.00				Ft	Field	

Client ID: MW-7 **Lab ID: A103465-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	315		68.0	100	ug/L	EPA 6020A	
Chloride	9.7		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.70		0.00	0.00	mg/L	Field	
Iron - Total	135		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0371	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	11		0.052	1.0	mg/L	EPA 300.0	
pH	6.63				pH Units	Field	
Sodium - Total	15.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	955		0	0	umhos/cm	Field	
Sulfate	38		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.30		0.00	0.00	°C	Field	
Total Dissolved Solids	580		10	10	mg/L	SM18 2540C	
Turbidity	2.40		0.00	0.00	NTU	Field	
Vanadium - Total	49.0 13.2		1.70	10.0	ug/L	EPA 6020A	
Water Elevation	38.61				Ft	Field	

Client ID: MW-8 **Lab ID: A103465-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.43		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	6.36	I	4.10	10.0	ug/L	EPA 6020A	
Benzene	1.3		0.58	1.0	ug/L	EPA 8260B	
Chloride	18		0.29	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	70.0 4.1		0.49	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.96		0.00	0.00	mg/L	Field	
pH	6.49				pH Units	Field	
Sodium - Total	13.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1128		0	0	umhos/cm	Field	
Sulfate	6.7		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.83		0.00	0.00	°C	Field	
Total Dissolved Solids	630		10	10	mg/L	SM18 2540C	
Turbidity	1.50		0.00	0.00	NTU	Field	
Water Elevation	40.15				Ft	Field	

Client ID: MW-8 **Lab ID: A103465-05RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	9670		380	500	ug/L	EPA 6020A	

Client ID: MW-9S **Lab ID: A103465-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	22		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.76		0.00	0.00	mg/L	Field	
Mercury - Total	210 0.128	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.46	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.73				pH Units	Field	
Sodium - Total	13.0		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	901		0	0	umhos/cm	Field	
Sulfate	74		0.07	5.0	mg/L	EPA 300.0	
Temperature	21.76		0.00	0.00	°C	Field	
Total Dissolved Solids	560		10	10	mg/L	SM18 2540C	
Turbidity	2.50		0.00	0.00	NTU	Field	
Vanadium - Total	3.97	I	1.70	10.0	ug/L	EPA 6020A	

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

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ANALYTICAL RESULTS

Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-01
Sampled: 07/15/11 09:51
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 17:33	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 17:33	kat	

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

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-01
Sampled: 07/15/11 09:51
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	1G14027	EPA 7470A	07/20/11 09:12	IR	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-01
Sampled: 07/15/11 09:51
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Arsenic [7440-38-2] ^	**4.72**	I	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Iron [7439-89-6] ^	**10700**		ug/L	5	190	250	1G18004	EPA 6020A	07/20/11 18:50	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Sodium [7440-23-5] ^	**4.42**		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 18:16	JMA	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 18:16	JMA	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-01
Sampled: 07/15/11 09:51
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	**0.60**		mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 14:53	ORL-W	
Chloride [16887-00-6] ^	**6.2**		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 18:48	RSA	
Nitrate as N [14797-55-8] ^	0.052	U	mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 18:48	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	mm	
Sulfate [14808-79-8] ^	**9.0**		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 18:48	RSA	
Total Dissolved Solids [ECL-0156] ^	**490**		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-02
Sampled: 07/15/11 09:14
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	1G14027	EPA 7470A	07/20/11 09:15	IR	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-02
Sampled: 07/15/11 09:14
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Arsenic [7440-38-2] ^	20.6		ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Iron [7439-89-6] ^	5870		ug/L	1	38.0	50.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Sodium [7440-23-5] ^	34.2		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 19:48	JMA	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 19:48	JMA	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-02
Sampled: 07/15/11 09:14
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	2.9		mg/L	2	0.015	0.040	1G18024	EPA 350.1	07/19/11 15:09	ORL-W	
Chloride [16887-00-6] ^	24		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 19:04	RSA	
Nitrate as N [14797-55-8] ^	0.052	U	mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 19:04	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	mm	
Sulfate [14808-79-8] ^	150		mg/L	2	0.13	10	1G18011	EPA 300.0	07/18/11 13:29	RSA	
Total Dissolved Solids [ECL-0156] ^	770		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-02
Sampled: 07/15/11 09:14
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.71		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 09:14	FLD	
pH [ECL-0062]	6.67		pH Units	1			1G14014	Field	07/15/11 09:14	FLD	
Specific Conductance (EC) [ECL-0146]	1207		umhos/cm	1	0	0	1G14014	Field	07/15/11 09:14	FLD	
Temperature [ECL-0151]	23.65		°C	1	0.00	0.00	1G14014	Field	07/15/11 09:14	FLD	
Turbidity [ECL-0177]	2.40		NTU	1	0.00	0.00	1G14014	Field	07/15/11 09:14	FLD	
Water Elevation [ECL-0180]	40.16		Ft	1			1G14014	Field	07/15/11 09:14	FLD	

Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-03
Sampled: 07/15/11 10:14
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 18:38	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 18:38	kat	

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

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Description: MW-6 **Lab Sample ID:** A103465-03 **Received:** 07/15/11 15:00

Matrix: Ground Water **Sampled:** 07/15/11 10:14 **Work Order:** A103465

Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING **Sampled By:** Chris Monaco

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Sodium [7440-23-5] ^	**5.57**		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 19:55	JMA	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 19:55	JMA	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-03
Sampled: 07/15/11 10:14
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 14:55	ORL-W	
Chloride [16887-00-6] ^	**3.3**	I	mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 19:20	RSA	
Nitrate as N [14797-55-8] ^	**1.7**		mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 19:20	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	mm	
Sulfate [14808-79-8] ^	**22**		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 19:20	RSA	
Total Dissolved Solids [ECL-0156] ^	**420**		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-03
Sampled: 07/15/11 10:14
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	2.85		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 10:14	FLD	
pH [ECL-0062]	6.00		pH Units	1			1G14014	Field	07/15/11 10:14	FLD	
Specific Conductance (EC) [ECL-0146]	726		umhos/cm	1	0	0	1G14014	Field	07/15/11 10:14	FLD	
Temperature [ECL-0151]	22.02		°C	1	0.00	0.00	1G14014	Field	07/15/11 10:14	FLD	
Turbidity [ECL-0177]	3.40		NTU	1	0.00	0.00	1G14014	Field	07/15/11 10:14	FLD	
Water Elevation [ECL-0180]	40.00		Ft	1			1G14014	Field	07/15/11 10:14	FLD	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-04
Sampled: 07/15/11 11:17
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 19:11	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 19:11	kat	

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

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-04
Sampled: 07/15/11 11:17
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.0371**	I	ug/L	1	0.0230	0.200	1G14027	EPA 7470A	07/20/11 09:21	IR	

Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-04
Sampled: 07/15/11 11:17
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	**315**		ug/L	1	68.0	100	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Iron [7439-89-6] ^	**135**		ug/L	1	38.0	50.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Sodium [7440-23-5] ^	**15.9**		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 20:03	JMA	
Vanadium [7440-62-2] ^	**13.2**		ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 20:03	JMA	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-04
Sampled: 07/15/11 11:17
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 14:59	ORL-W	
Chloride [16887-00-6] ^	**9.7**		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 19:52	RSA	
Nitrate as N [14797-55-8] ^	**11**		mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 19:52	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	mm	
Sulfate [14808-79-8] ^	**38**		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 19:52	RSA	
Total Dissolved Solids [ECL-0156] ^	**580**		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-04
Sampled: 07/15/11 11:17
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.70**		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 11:17	FLD	
pH [ECL-0062]	**6.63**		pH Units	1			1G14014	Field	07/15/11 11:17	FLD	
Specific Conductance (EC) [ECL-0146]	**955**		umhos/cm	1	0	0	1G14014	Field	07/15/11 11:17	FLD	
Temperature [ECL-0151]	**23.30**		°C	1	0.00	0.00	1G14014	Field	07/15/11 11:17	FLD	
Turbidity [ECL-0177]	**2.40**		NTU	1	0.00	0.00	1G14014	Field	07/15/11 11:17	FLD	
Water Elevation [ECL-0180]	**38.61**		Ft	1			1G14014	Field	07/15/11 11:17	FLD	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-05
Sampled: 07/15/11 10:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Benzene [71-43-2] ^	**1.3**		ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
cis-1,2-Dichloroethene [156-59-2] ^	**1.1**		ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 19:43	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 19:43	kat	

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

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-05
Sampled: 07/15/11 10:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	1G14027	EPA 7470A	07/20/11 09:30	IR	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-05
Sampled: 07/15/11 10:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Arsenic [7440-38-2] ^	**6.36**	I	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Iron [7439-89-6] ^	**9670**		ug/L	10	380	500	1G18004	EPA 6020A	07/21/11 13:08	JAY	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Sodium [7440-23-5] ^	**13.9**		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 20:13	JMA	
Vanadium [7440-62-2] ^	1.70	U	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 20:13	JMA	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-05
Sampled: 07/15/11 10:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	**0.43**		mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 15:00	ORL-W	
Chloride [16887-00-6] ^	**18**		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 20:08	RSA	
Nitrate as N [14797-55-8] ^	0.052	U	mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 20:08	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	mm	
Sulfate [14808-79-8] ^	**6.7**		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 20:08	RSA	
Total Dissolved Solids [ECL-0156] ^	**630**		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-05
Sampled: 07/15/11 10:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.96		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 10:47	FLD	
pH [ECL-0062]	6.49		pH Units	1			1G14014	Field	07/15/11 10:47	FLD	
Specific Conductance (EC) [ECL-0146]	1128		umhos/cm	1	0	0	1G14014	Field	07/15/11 10:47	FLD	
Temperature [ECL-0151]	23.83		°C	1	0.00	0.00	1G14014	Field	07/15/11 10:47	FLD	
Turbidity [ECL-0177]	1.50		NTU	1	0.00	0.00	1G14014	Field	07/15/11 10:47	FLD	
Water Elevation [ECL-0180]	40.15		Ft	1			1G14014	Field	07/15/11 10:47	FLD	

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

Lab Sample ID: A103465-06
Sampled: 07/15/11 08:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 20:14	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 20:14	kat	

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

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

Lab Sample ID: A103465-06
Sampled: 07/15/11 08:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.128**	I	ug/L	1	0.0230	0.200	1G14027	EPA 7470A	07/20/11 09:33	IR	

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

Lab Sample ID: A103465-06
Sampled: 07/15/11 08:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Antimony [7440-36-0] ^	0.950	U	ug/L	1	0.950	20.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Arsenic [7440-38-2] ^	4.10	U	ug/L	1	4.10	10.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Sodium [7440-23-5] ^	**13.0**		mg/L	1	0.320	1.00	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Thallium [7440-28-0] ^	0.410	U	ug/L	1	0.410	1.00	1G18004	EPA 6020A	07/20/11 20:20	JMA	
Vanadium [7440-62-2] ^	**3.97**	I	ug/L	1	1.70	10.0	1G18004	EPA 6020A	07/20/11 20:20	JMA	

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

Lab Sample ID: A103465-06
Sampled: 07/15/11 08:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	1G18024	EPA 350.1	07/19/11 15:01	ORL-W	
Chloride [16887-00-6] ^	**22**		mg/L	1	0.29	5.0	1G15005	EPA 300.0	07/15/11 20:40	RSA	
Nitrate as N [14797-55-8] ^	**0.46**	I	mg/L	1	0.052	1.0	1G15005	EPA 300.0	07/15/11 20:40	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	1G19006	EPA 420.1	07/20/11 15:50	mm	
Sulfate [14808-79-8] ^	**74**		mg/L	1	0.07	5.0	1G15005	EPA 300.0	07/15/11 20:40	RSA	
Total Dissolved Solids [ECL-0156] ^	**560**		mg/L	1	10	10	1G19020	SM18 2540C	07/20/11 22:53	AH	

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

Lab Sample ID: A103465-06
Sampled: 07/15/11 08:47
Sampled By: Chris Monaco

Received: 07/15/11 15:00
Work Order: A103465

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	0.76		mg/L	1	0.00	0.00	1G14014	Field	07/15/11 08:47	FLD	
pH [ECL-0062]	6.73		pH Units	1			1G14014	Field	07/15/11 08:47	FLD	
Specific Conductance (EC) [ECL-0146]	901		umhos/cm	1	0	0	1G14014	Field	07/15/11 08:47	FLD	
Temperature [ECL-0151]	21.76		°C	1	0.00	0.00	1G14014	Field	07/15/11 08:47	FLD	
Turbidity [ECL-0177]	2.50		NTU	1	0.00	0.00	1G14014	Field	07/15/11 08:47	FLD	
Water Elevation [ECL-0180]	39.92		Ft	1			1G14014	Field	07/15/11 08:47	FLD	

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Description: TRIP BLANK
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A103465-07
Sampled: 07/15/11 00:00
Sampled By: ENCO

Received: 07/15/11 15:00
Work Order: A103465

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.63	U	ug/L	1	0.63	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,1-Dichloroethane [75-34-3] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.57	U	ug/L	1	0.57	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,2-Dichloroethane [107-06-2] ^	0.50	U	ug/L	1	0.50	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.46	U	ug/L	1	0.46	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Benzene [71-43-2] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Bromodichloromethane [75-27-4] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Carbon tetrachloride [56-23-5] ^	0.65	U	ug/L	1	0.65	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Chlorobenzene [108-90-7] ^	0.51	U	ug/L	1	0.51	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Chloroform [67-66-3] ^	0.54	U	ug/L	1	0.54	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.49	U	ug/L	1	0.49	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Methylene chloride [75-09-2] ^	0.69	U	ug/L	1	0.69	2.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Toluene [108-88-3] ^	0.58	U	ug/L	1	0.58	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.72	U	ug/L	1	0.72	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.64	U	ug/L	1	0.64	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Trichloroethene [79-01-6] ^	0.55	U	ug/L	1	0.55	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Trichlorofluoromethane [75-69-4] ^	0.68	U	ug/L	1	0.68	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	1G20015	EPA 8260B	07/20/11 20:46	kat	
Xylenes (Total) [1330-20-7] ^	1.8	U	ug/L	1	1.8	3.0	1G20015	EPA 8260B	07/20/11 20:46	kat	

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1G20015 - EPA 5030B_MS

Blank (1G20015-BLK1) Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 14:49

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.59	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							
1,1,2-Trichloroethane	0.63	U	1.0	ug/L							
1,1-Dichloroethane	0.57	U	1.0	ug/L							
1,1-Dichloroethene	0.94	U	1.0	ug/L							
1,2-Dichlorobenzene	0.57	U	1.0	ug/L							
1,2-Dichloroethane	0.50	U	1.0	ug/L							
1,2-Dichloropropane	0.80	U	1.0	ug/L							
1,3-Dichlorobenzene	0.53	U	1.0	ug/L							
1,4-Dichlorobenzene	0.46	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	1.9	U	5.0	ug/L							
Benzene	0.58	U	1.0	ug/L							
Bromodichloromethane	0.49	U	1.0	ug/L							
Bromoform	0.75	U	1.0	ug/L							
Bromomethane	0.95	U	1.0	ug/L							
Carbon tetrachloride	0.65	U	1.0	ug/L							
Chlorobenzene	0.51	U	1.0	ug/L							
Chloroethane	0.98	U	1.0	ug/L							
Chloroform	0.54	U	1.0	ug/L							
Chloromethane	0.82	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.49	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							
Dibromochloromethane	0.44	U	1.0	ug/L							
Dichlorodifluoromethane	0.74	U	1.0	ug/L							
Ethylbenzene	0.69	U	1.0	ug/L							
m,p-Xylenes	1.3	U	2.0	ug/L							
Methylene chloride	0.69	U	2.0	ug/L							
Methyl-tert-Butyl Ether	0.60	U	1.0	ug/L							
o-Xylene	0.53	U	1.0	ug/L							
Tetrachloroethene	0.76	U	1.0	ug/L							
Toluene	0.58	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.72	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.64	U	1.0	ug/L							
Trichloroethene	0.55	U	1.0	ug/L							
Trichlorofluoromethane	0.68	U	1.0	ug/L							
Vinyl chloride	0.71	U	1.0	ug/L							
Xylenes (Total)	1.8	U	3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*41*			*ug/L*	*50.0*		*82*	*41-142*			
Surrogate: Dibromofluoromethane	*34*			*ug/L*	*50.0*		*69*	*53-146*			
Surrogate: Toluene-d8	*42*			*ug/L*	*50.0*		*83*	*41-146*			

LCS (1G20015-BS1) Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 12:41

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1G20015 - EPA 5030B_MS

LCS (1G20015-BS1) Continued Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 12:41

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

Matrix Spike (1G20015-MS1) Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 13:13

Source: A103347-01

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

Matrix Spike Dup (1G20015-MSD1) Prepared: 07/20/2011 11:08 Analyzed: 07/20/2011 13:45

Source: A103347-01

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

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1G14027 - EPA 7470A

Blank (1G14027-BLK1) Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:25

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

LCS (1G14027-BS1) Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:28

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

Matrix Spike (1G14027-MS1) Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:35

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1G14027 - EPA 7470A

Matrix Spike (1G14027-MS1) Continued Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:35

Source: A103679-02

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

Matrix Spike Dup (1G14027-MSD1) Prepared: 07/19/2011 13:13 Analyzed: 07/20/2011 08:38

Source: A103679-02

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

Post Spike (1G14027-PS1) Prepared: 07/20/2011 06:00 Analyzed: 07/20/2011 08:41

Source: A103679-02

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

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

Batch 1G18004 - EPA 3005A

Blank (1G18004-BLK1) Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 17:53

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	68.0	U	100	ug/L							
Antimony	0.950	U	20.0	ug/L							
Arsenic	4.10	U	10.0	ug/L							
Cadmium	1.10	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Lead	1.60	U	5.00	ug/L							
Sodium	0.320	U	1.00	mg/L							
Thallium	0.410	U	1.00	ug/L							
Vanadium	1.70	U	10.0	ug/L							

Blank (1G18004-BLK2) Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:00

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

QUALITY CONTROL

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

Batch 1G18004 - EPA 3005A

LCS (1G18004-BS1) Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:08

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

Matrix Spike (1G18004-MS1) Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:24

Source: A103465-01

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

Matrix Spike Dup (1G18004-MSD1) Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:33

Source: A103465-01

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

Post Spike (1G18004-PS1) Prepared: 07/20/2011 12:00 Analyzed: 07/20/2011 18:41

Source: A103465-01

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

QUALITY CONTROL

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

Batch 1G18004 - EPA 3005A

Post Spike (1G18004-PS1) Continued Prepared: 07/20/2011 12:00 Analyzed: 07/20/2011 18:41

Source: A103465-01

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

Batch AA15845 - 1G12014

Serial Dilution (AA15845-SRD2) Prepared: 07/19/2011 15:42 Analyzed: 07/20/2011 18:58

Source: A103465-01

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

Classical Chemistry Parameters - Quality Control

Batch 1G15005 - NO PREP

Blank (1G15005-BLK1) Prepared: 07/15/2011 07:00 Analyzed: 07/15/2011 07:55

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

LCS (1G15005-BS1) Prepared: 07/15/2011 07:00 Analyzed: 07/15/2011 08:11

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

Matrix Spike (1G15005-MS1) Prepared: 07/15/2011 15:54 Analyzed: 07/15/2011 16:44

Source: A103842-01

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

Matrix Spike Dup (1G15005-MSD1) Prepared: 07/15/2011 15:54 Analyzed: 07/15/2011 17:00

Source: A103842-01

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

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1G15005 - NO PREP

Matrix Spike Dup (1G15005-MSD1) Continued Prepared: 07/15/2011 15:54 Analyzed: 07/15/2011 17:00

Source: A103842-01

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

Batch 1G18011 - NO PREP

Blank (1G18011-BLK1) Prepared: 07/18/2011 12:21 Analyzed: 07/18/2011 12:41

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

LCS (1G18011-BS1) Prepared: 07/18/2011 12:21 Analyzed: 07/18/2011 12:57

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

Matrix Spike (1G18011-MS1) Prepared: 07/18/2011 12:21 Analyzed: 07/18/2011 15:05

Source: A103602-01

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

Matrix Spike Dup (1G18011-MSD1) Prepared: 07/18/2011 12:21 Analyzed: 07/18/2011 15:21

Source: A103602-01

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

Batch 1G18024 - NO PREP

Blank (1G18024-BLK1) Prepared: 07/18/2011 12:28 Analyzed: 07/19/2011 13:57

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

LCS (1G18024-BS1) Prepared: 07/18/2011 12:28 Analyzed: 07/19/2011 14:04

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

Matrix Spike (1G18024-MS1) Prepared: 07/18/2011 12:28 Analyzed: 07/19/2011 14:07

Source: A103288-01

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

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1G18024 - NO PREP

Matrix Spike Dup (1G18024-MSD1) Prepared: 07/18/2011 12:28 Analyzed: 07/19/2011 14:08

Source: A103288-01

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

Batch 1G19006 - NO PREP

Blank (1G19006-BLK1) Prepared: 07/19/2011 09:59 Analyzed: 07/20/2011 15:50

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

LCS (1G19006-BS1) Prepared: 07/19/2011 09:59 Analyzed: 07/20/2011 15:50

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

Matrix Spike (1G19006-MS1) Prepared: 07/19/2011 09:59 Analyzed: 07/20/2011 15:50

Source: A103465-01

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

Matrix Spike Dup (1G19006-MSD1) Prepared: 07/19/2011 09:59 Analyzed: 07/20/2011 15:50

Source: A103465-01

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

Batch 1G19020 - NO PREP

Blank (1G19020-BLK1) Prepared: 07/19/2011 16:20 Analyzed: 07/20/2011 22:53

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

LCS (1G19020-BS1) Prepared: 07/19/2011 16:20 Analyzed: 07/20/2011 22:53

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

Duplicate (1G19020-DUP1) Prepared: 07/19/2011 16:20 Analyzed: 07/20/2011 22:53

Source: A103223-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	1800		10	mg/L		1800			0.4	10	

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-08	Post-digestion spike did not meet method requirements due to confirmed matrix effects (dilution test).
QM-17	Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr. Orlando, FL 32824 (407) 826-5314 Fax (407) 850-6945
4810 Executive Park Court, Suite 211 Jacksonville, FL 32216-6059 (904) 296-3007 Fax (904) 296-6210
102-A Woodwinds Industrial Ct. Cary, NC 27511 (919) 467-3090 Fax (919) 467-3515
www.encolabs.com

Page 1 of 1

Client Name: Friends Recycling (FR008)	Project Number: 21012		
Address: 2350 NW 27th Avenue	Project Name/Desc: FRIENDS RECYCLING FORMERLY OCALA RECYCLING		
City/ST/Zip: Ocala, FL 34475	PO # / Billing Info		
Tel: (352) 622-5800 Fax: (352) 622-4999	Reporting Contact: Nick Giunarelli		
Sampler(s) Name, Affiliation (Print): Chris Monaco, ENCO Ideal Tech Services Inc.	Billing Contact: Nick Giunarelli		
Sampler(s) Signature:	Site Location / Time Zone: FL / EST		

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

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: A103465

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Arom/Halo	Al,As,Cd,Cr,Fe,Na,Pb,Sb,Tl,V, Hg	Ammonia 350.1	Chloride 300,Nitrate as N 300,Sulfate 300,TDS SM2540C	Phenols 420.1	Sample Comments
	MW-5	7/15/11	0951	Grab	GW	6	X	X	X	X	X	ADaPT required
	MW-1	7/15/11	0914	Grab	GW	6	X	X	X	X	X	
	MW-8	7/15/11	1014	Grab	GW	6	X	X	X	X	X	
	MW-7	7/15/11	1117	Grab	GW	6	X	X	X	X	X	
	MW-8	7/15/11	1047	Grab	GW	6	X	X	X	X	X	
	MW-9S	7/15/11	0847	Grab	GW	6	X	X	X	X	X	
	TRIP BLANK	—	—	Grab	GW	2	X					Lab DI water

<-- Total # of Containers

Sample Kit Prepared By:	Date/Time: 6/29/11 1123	Relinquished By:	Date/Time: 6/29/11 1130	Received By:	Date/Time: 6/30/11 1700
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 7/15/11 1241	Received By:	Date/Time: 7/15 1245
		Relinquished By:	Date/Time: 7/15 1500	Received By:	Date/Time: 7/15/11 1500
		Cooler #'s & Temps on Receipt: LB -72 2°C		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: I-Ice 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

SEMI-ANNUAL MONITORING REPORT

FIRST HALF 2012

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

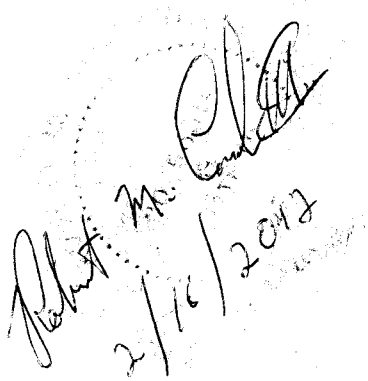
PREPARED FOR:

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

February 14, 2012



February 14, 2012

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the First 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 first 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. Please forward one copy of this report to Gloria Jean DePradine at the FDEP with your cover sheet containing the appropriate verbiage regarding report approval periods as stipulated in the operating permit for this facility.

PROJECT LOCATION

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

GROUNDWATER QUALITY ASSESSMENT

On January 20, 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 January 20, 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	5470	300	ug/L	EPA 6020
Arsenic - Total	0.0198	0.010	mg/L	EPA 6020
Total Dissolved Solids	830	500	mg/L	SM182540C

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	11,000	300	ug/L	EPA 6020
Total Dissolved Solids	530	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
Nitrate as N	11	10	mg/L	EPA 300.0
Total Dissolved Solids	570	500	mg/L	SM18 2540C

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	9970	300	ug/L	EPA 6020
Total Dissolved Solids	650	500	mg/L	SM18 2540C

MW-9S

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	560	590	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 lower levels may be the result of the decreased rainfall in recent months. Although these items may be the result of steel disposal, significant portions of Marion County are known for having iron in the water.

Nitrate as N was elevated in MW-7 and Arsenic was still elevated in MW-1. In addition, 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.

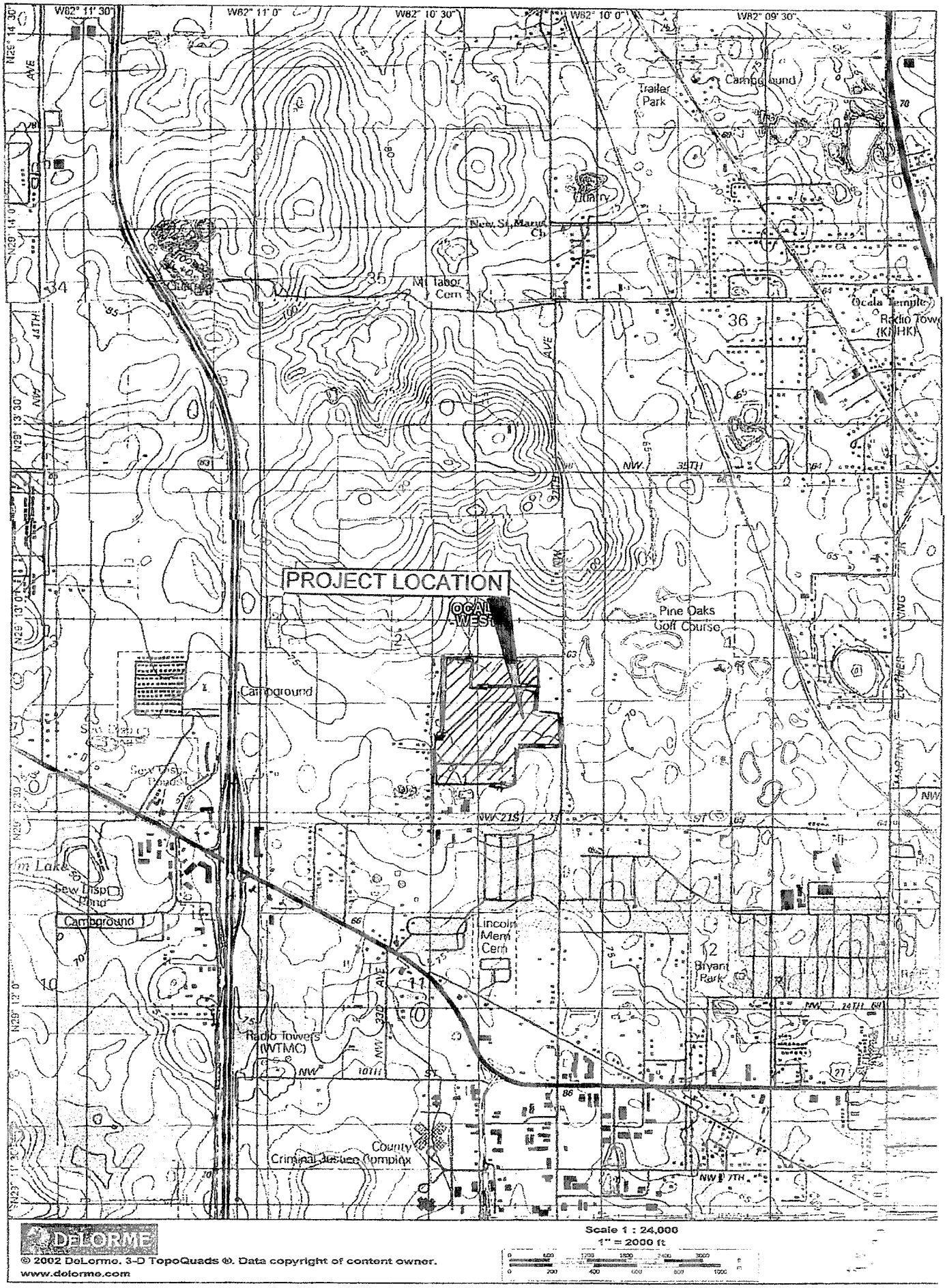
Sincerely,

Robert M. Couch III

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

Cc: Gloria Jean DePradine- Florida Department of Environmental Protection

APPENDIX



DeLORME

Scale 1 : 24,000
1" = 2000 ft

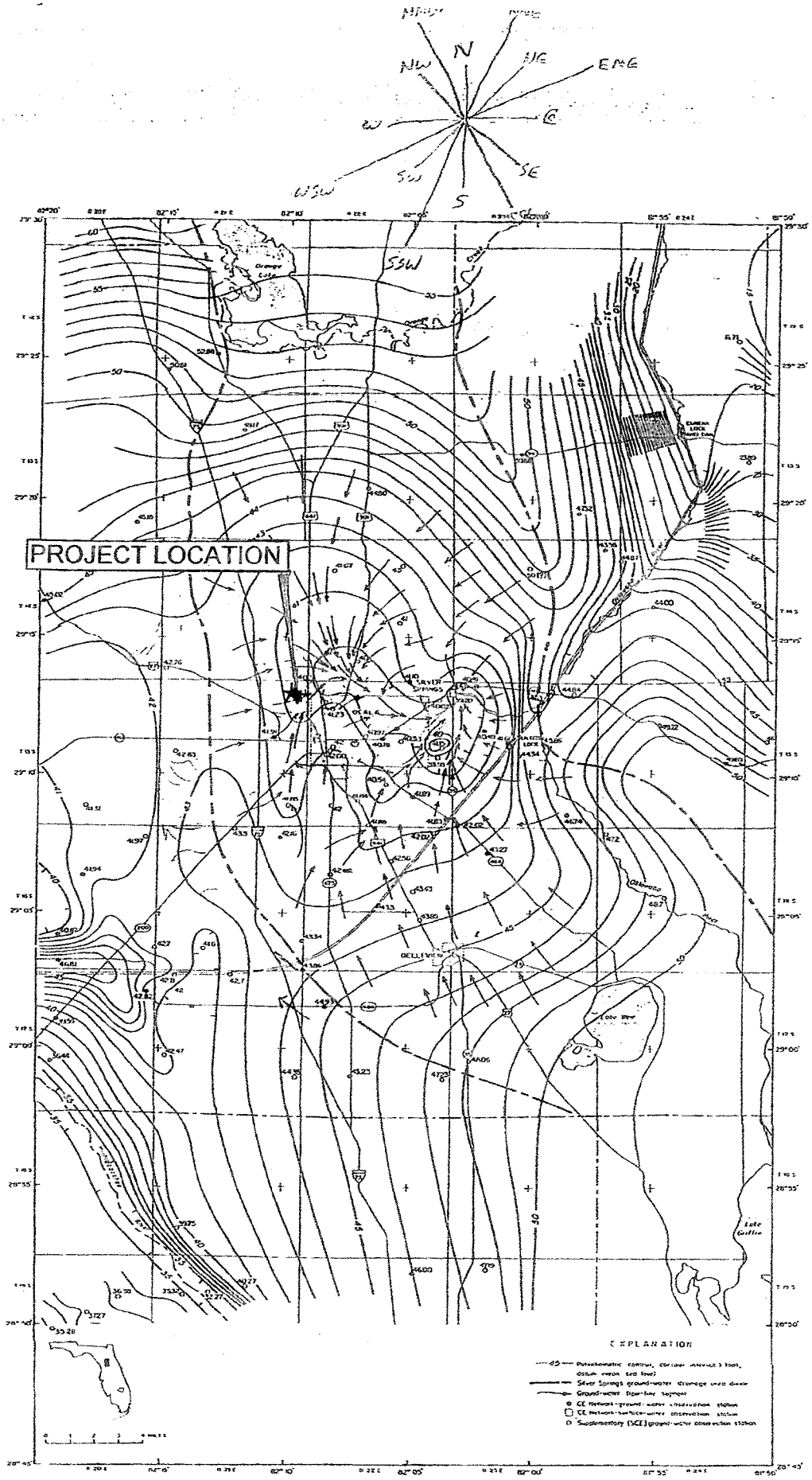


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling | SITE LOCATION: Marion County, Florida

MONITORING_SITE_NUM: MW-1 | WACS_WELL: 1831[illegible] | DATE: 01-20-12

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): .375 | WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet | STATIC DEPTH TO WATER (feet): 34.78 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (43.45 feet – 34.78 feet) X .16 gallons/foot = 1.39 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.50 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.50 | PURGING INITIATED AT: 0935 | PURGING ENDED AT: 0947 | TOTAL VOLUME PURGED (gallons): 6.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0941	3.00	3.00	.50	34.97	6.57	24.62	1,283	.37	9.80	Clear	None
0944	1.50	4.50	.50	34.97	6.52	24.64	1,288	.30	2.50	Clear	None
0947	1.50	6.00	.50	34.97	6.49	24.70	1,294	.25	1.20	Clear	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris [illegible] or Karen LeBeau, [illegible]sal Tech Services, Inc. | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 0947 | SAMPLING ENDED AT: 0954

PUMP OR TUBING DEPTH IN WELL (feet): 36.50 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y [N] | Filtration Equipment Type: | FILTER SIZE: μm

FIELD DECONTAMINATION: PUMP [X] | TUBING Y [N] (replaced) | DUPLICATE: Y (N)

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-1	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom. Hal.)	ESP	≈ 100
MW-1	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 135
MW-1	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 135
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 135

REMARKS: Slowed pump to sample

DTW = 34.78 Reference Elevation = 74.68 GWTE = 39.88 [illegible]

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling | SITE LOCATION: Marion County, Florida

MONITORING_SITE_NUM: MW-5 | WACS_WELL: 22912 | DATE: 01 20 12

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): .375 | WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet | STATIC DEPTH TO WATER (feet): 48.27 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (67.45 feet – 48.27 feet) X .16 gallons/foot = 3.07 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 50.00 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 50.00 | PURGING INITIATED AT: 1015 | PURGING ENDED AT: 1033 | TOTAL VOLUME PURGED (gallons): 5.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1027	3.60	3.60	.30	48.40	6.45	23.98	958	.21	2.90	Clear	None
1030	.90	4.50	.30	48.40	6.45	24.00	957	.21	1.80	Clear	None
1033	.90	5.40	.30	48.40	6.44	24.02	958	.21	1.50	Clear	None

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc. | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1033 | SAMPLING ENDED AT: 1040

PUMP OR TUBING DEPTH IN WELL (feet): 50.00 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y N | Filtration Equipment Type: | FILTER SIZE: ___ μm

FIELD DECONTAMINATION: PUMP Y N | TUBING N (replaced) | DUPLICATE: Y (N)

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom - Halo)	ESP	≈ 100
MW-5	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-5	1	AG	250mL	H_2SO_4	None	<2	[illegible] Phenol	ESP	≈ 1135
MW-5	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrat, Sulfat, TDS	ESP	≈ 1135

REMARKS:

DTW = 48.27 Reference Elevation = 88.01 GWTE = 39.74 [illegible] not NGVD compliant. Therefore, [illegible] to be used in groundwater modeling progr[illegible]

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida
MONITORING_SITE_NUM: MW-6	WACS_WELL: 22913	DATE: 01 / 20 / 12

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 40 feet to 50 feet	STATIC DEPTH TO WATER (feet): 38.15	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (53.10 feet – 38.15 feet) X .16 gallons/foot = 2.39 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40.00	PURGING INITIATED AT: 1044	PURGING ENDED AT: 1056	TOTAL VOLUME PURGED (gallons): 4.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1050	2.40	2.40	.40	38.45	6.58	23.00	787	1.40	14.80	Clear	None
1053	1.20	3.60	.40	38.45	6.57	23.04	791	1.41	3.10	Clear	None
1056	1.20	4.80	.40	38.45	6.58	23.03	790	1.44	1.40	Clear	None

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1056	SAMPLING ENDED AT: 1122
PUMP OR TUBING DEPTH IN WELL (feet): 40.00	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ___ μm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-6	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-6	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-6	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1), Phos	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 = 38.15 Reference Elevation = 78.05 GWTE = 39.90 – This data is not NGVD compliant, therefore FDEP does not authorize it to be used in groundwater modeling programs

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling | SITE LOCATION: Marion County, Florida

MONITORING_SITE_NUM: MW-7 | WACS_WELL: 22914 | DATE: 01-20-12

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): .375 | WELL SCREEN INTERVAL DEPTH: 41 feet to 51 feet | STATIC DEPTH TO WATER (feet): 48.91 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (53.80 feet - 48.91 feet) X .16 gallons/foot = .78 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 51.00 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 51.50 | PURGING INITIATED AT: 1143 | PURGING ENDED AT: 1156 | TOTAL VOLUME PURGED (gallons): 2.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND (circle units) mhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1150	1.40	1.40	.20	50.05	6.53	24.39	966	.23	7.00	Clear	None
1153	.60	2.00	.20	50.05	6.47	24.42	949	.22	2.30	Clear	None
1156	.60	2.60	.20	50.05	6.47	24.44	940	.19	1.90	Clear	None

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monnot or Karen LeBeau, Ideal Tech Services, Inc.
SAMPLER(S) SIGNATURE(S): [signature]
SAMPLING INITIATED AT: 1156 | SAMPLING ENDED AT: 1204

PUMP OR TUBING DEPTH IN WELL (feet): 51.50 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y N | FILTER SIZE: ____ µm
Filtration Equipment Type:

FIELD DECONTAMINATION: PUMP Y N | TUBING Y N (replaced) | DUPLICATE: Y N (circled)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-7	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom + Halo)	ESP	≈ 100
MW-7	1	PE	250mL	HNO_3	None	< 2	Metals	ESP	≈ 757
MW-7	1	AG	250mL	H_2SO_4	None	< 2	[illegible] (350.1) Phenols	ESP	≈ 757
MW-7	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 757

REMARKS:

DTW = 48.91 Reference Elevation = 68.67 GWTE = 39.76 [illegible]

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling SITE LOCATION: Marion County, Florida

MONITORING_SITE_NUM: MW-8 WACS_WELL: 22916 DATE: 01/20/12

PURGING DATA

WELL DIAMETER (inches): 2 TUBING DIAMETER (inches): .375 WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet STATIC DEPTH TO WATER (feet): 31.49 PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.24 feet – 31.49 feet) X .16 gallons/foot = .44 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.50 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.50 PURGING INITIATED AT: 1111 PURGING ENDED AT: 1122 TOTAL VOLUME PURGED (gallons): 4.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1116	2.00	2.00	.40	31.63	6.39	24.90	1.141	.19	3.60	Clear	None
1119	1.20	3.20	.40	31.63	6.33	24.91	1.134	.16	1.50	Clear	None
1122	1.20	4.40	.40	31.63	6.32	24.91	1.129	.16	.90	Clear	None

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc. SAMPLER(S) SIGNATURE(S): [signature] SAMPLING INITIATED AT: 1122 SAMPLING ENDED AT: 1128

PUMP OR TUBING DEPTH IN WELL (feet): 33.50 TUBING MATERIAL CODE: PE FIELD-FILTERED: N Filtration Equipment Type: FILTER SIZE: ___ μm

FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced) DUPLICATE: Y (N)

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-8	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-8	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 125
MW-8	1	AG	250mL	H_2SO_4	None	<2	Ammonia / (365.1 Phenols)	ESP	≈ 135
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 135

REMARKS: slowed pump to sample

DTW = 31.49 Referance Elevation = 71.17 GWTE = 39.68 [illegible]

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County Florida
MONITORING_SITE_NUM: MW-9S WACS_WELL: 22916	DATE: 01 / 20 / 12

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): .375 | WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet | STATIC DEPTH TO WATER (feet): 29.10 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (32.80 feet – 29.10 feet) X .16 gallons/foot = .59 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00 | PURGING INITIATED AT: 0908 | PURGING ENDED AT: 0922 | TOTAL VOLUME PURGED (gallons): 3.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0916	2.00	2.00	.25	29.22	6.47	22.93	963	.71	7.00	Clear	None
0919	.75	2.75	.25	29.22	6.53	22.99	962	.56	7.00	Clear	None
0922	.75	3.50	.25	29.22	6.56	23.01	961	.49	2.40	Clear	None

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc. | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 0922 | SAMPLING ENDED AT: 0930

PUMP OR TUBING DEPTH IN WELL (feet): 31.00 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y N | Filtration Equipment Type: | FILTER SIZE: ___ μm

FIELD DECONTAMINATION: PUMP Y N | TUBING N (replaced) | DUPLICATE: Y (N)

SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-9S	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom + Halo)	ESP	≈ 100
MW-9S	1	PE	250mL	HNO3	None	<2	Metals	ESP	≈ 946
MW-9S	1	AG	250mL	H2SO4	None	<2	[illegible] Phenols	ESP	≈ 946
MW-9S	1	PE	250mL	4° C	None	Not Req'd	[illegible] Nitrate Sulfate, [illegible]	ESP	≈ 946

REMARKS:

DTW = 29.10 Reference Elevation = 68.64 GWTE = 39.54 [illegible]

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Revision Date: February 12, 2009

CALIBRATION LOG

ITS Work Order Number: FRL-07-012012

CLIENT: Friends Recycling
ADDRESS: 2350 NW 27th Ave.
CITY, STATE: Ocala, Fl 34475

Site: Friends Recycling C&D Landfill

START CAL DATE @ TIME: 01/20/12 @ 0810   END CALIBRATION DATE @ TIME: 01/20/12 @ 1320

Page 1 of 1

YSI 556 MULTI PARAMETER METER - S/N 07D100973 (ITS #3) REV 3.17

pH Sensor Per DEP-SOP-001/01 FT 1100

Standard	Meter Reading START	Meter Reading END	VER @ START	LOT NUMBER	EXP. DATE
4	4.01	4.00	✓	[illegible]01	[illegible]
7.00	7.00	7.00	7.00	2007291	Jun-12
10.0	9.99	9.98	✓	OS2	[illegible]

Standards are prepared [illegible] Liquid Temp. N/A

Temperature Sensor Per DEP-SOP-001/01 FT 1400

STANDARD ERTCO Thermometer		YSI METER TEMP READING LOW	YSI METER TEMP READING HIGH	LOT NUMBER	DATE PERFORMED (Quarterly)
LOW	4.90	4.94		NA	10/06/11
HIGH	30.60		30.86		10/06/11

Thermometer is N.I.S.T. certified and manufactured by ERTCO S/N 2208. 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)	START Meter Reading	END Meter Reading	LOT NUMBER	EXPIRATION DATE
0.0	.17	.17	OP[illegible]	Sep-[illegible]
[illegible]				
20.10 °C	9.07			
27.11 °C		7.95		

[illegible] standard is Sodium Sulfite [illegible] Hexahydrate [illegible] Water [illegible]

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

STANDARD (umhos)	START Meter Reading	END Meter Reading	LOT NUMBER	EXPIRATION DATE
[illegible]	[illegible]	[illegible]	OR[illegible]	Sep-11
[illegible]	2764	2770	OR[illegible]	S[illegible]
[illegible]	NM	NM	NA	NA
[illegible]	84	84	[illegible]01	Oct-11

Standards prepared [illegible] all standards are potassium chloride solutions

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

STANDARD	START Meter Reading	END Meter Reading	LOT NUMBER	EXPIRATION DATE
[illegible]	NM	NM	[illegible]	[illegible]-11

[illegible] Blue Book

Notes:
N/A [illegible]
NM [illegible] not measured
[illegible] Re[illegible] [illegible] new pH stds and DI water EXP [illegible]

HF SCIENTIFIC DTR-15CE TURBIDITY METER - MODEL # 19957 S/N 804099 Per DEP-SOP-001/01 FT 1600 (ITSNTU # 2)

STANDARD	START Meter Reading	END Meter Reading	LOT NUMBER	EXPIRATION
[illegible]	NM	NM	See Below	Jun-12
100	100	100	See Below	Jun-12
10	10	10	See Below	Jun-12
[illegible]	.02	.02	See Below	[illegible]-12

[illegible] Standards are prepared [illegible]

Remarks
Weather Conditions: Sunny 65-70°F

Equipment Blank with D.I. water
Zephyr Hills brand Lot #062311236WF2331147BB
Exp Date 02/21/13
Equipment Blank [illegible] collected [illegible]: none collected
[illegible] = ✓   Cond = ✓
[illegible] = ✓   [illegible] = ✓
[illegible] = ✓

[illegible] equipment maintained by Ideal Tech Services Inc. unless otherwise noted. [illegible] Preventative maintenance [illegible] the manufacturer of each piece of equipment [illegible] results are out of tolerance. Equipment maintenance logs [illegible] Tech Services Inc.

[illegible] Nick Giumarelli

SIGNED: [signature]
Chris Munaco or Karen LeBeau

Environmental Conservation Laboratories, Inc.
10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 FAX: 407.850.6945

www.encolabs.com

Tuesday, January 31, 2012

Friends Recycling (FR008)

Attn: Nick Giunarelli

2350 NW 27th Avenue

Ocala, FL 34475

RE: Laboratory Results for
Project Number: 21012, Project Name/Desc: FRIENDS RECYCLING FORMERLY OCALA RECYCLING
ENCO Workorder(s): A200154

Dear Nick Giunarelli,

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

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

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

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

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

Sincerely,

Marcia Colon

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 47.

Client ID: MW-6	Lab ID: A200154-03RE1	Sampled: 01/20/12 11:02	Received: 01/20/12 17:03

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/22/12	11:02			01/20/12	16:30	1/20/2012	23:52

Client ID: MW-7	Lab ID: A200154-04	Sampled: 01/20/12 12:04	Received: 01/20/12 17:03

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

Client ID: MW-7	Lab ID: A200154-04RE1	Sampled: 01/20/12 12:04	Received: 01/20/12 17:03

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/22/12	12:04	01/20/12	16:30	1/21/2012	01:19

Client ID: MW-8	Lab ID: A200154-05	Sampled: 01/20/12 11:28	Received: 01/20/12 17:03

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

Client ID: MW-9S	Lab ID: A200154-06	Sampled: 01/20/12 09:30	Received: 01/20/12 17:03

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

Client ID: MW-9S	Lab ID: A200154-06RE1	Sampled: 01/20/12 09:30	Received: 01/20/12 17:03

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/22/12	09:30	01/20/12	16:30	1/21/2012	02:28

Client ID: TRIP BLANK	Lab ID: A200154-07	Sampled: 01/20/12 00:00	Received: 01/20/12 17:03

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8260B	02/03/12	01/26/12	11:28	1/26/2012	15:57

Client ID: MW-6	Lab ID: A200154-03RE1						
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Nitrate as N	1.4	I	0.10	2.0	mg/L	EPA 300.0	

Client ID: MW-7	Lab ID: A200154-04						
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Chloride	9.7		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.19		0.00	0.00	mg/L	Field	
Iron - Total	43.6	I	38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0329	I	0.0230	0.200	ug/L	EPA 7470A	
pH	6.47				pH Units	Field	
Sodium - Total	10.0		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	940		0	0	umhos/cm	Field	
Sulfate	36		0.07	5.0	mg/L	EPA 300.0	
Temperature	24.44		0.00	0.00	°C	Field	
Total Dissolved Solids	570		10	10	mg/L	SM18 2540C	
Turbidity	1.90		0.00	0.00	NTU	Field	
Vanadium - Total	14.8		2.00	10.0	ug/L	EPA 6020A	
Water Elevation	39.76				Ft	Field	

Client ID: MW-7	Lab ID: A200154-04RE1						
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Nitrate as N	11		0.26	5.0	mg/L	EPA 300.0	

Client ID: MW-8	Lab ID: A200154-05						
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Ammonia as N	0.47		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	9.78	I	6.10	10.0	ug/L	EPA 6020A	
Chloride	18		0.29	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	0.87	I	0.49	1.0	ug/L	EPA 8260B	
Dissolved Oxygen	0.16		0.00	0.00	mg/L	Field	
Iron - Total	9970		380	500	ug/L	EPA 6020A	
pH	6.32				pH Units	Field	
Sodium - Total	12.7		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1129		0	0	umhos/cm	Field	
Sulfate	6.4		0.07	5.0	mg/L	EPA 300.0	
Temperature	24.91		0.00	0.00	°C	Field	
Total Dissolved Solids	650		10	10	mg/L	SM18 2540C	
Turbidity	0.90		0.00	0.00	NTU	Field	
Water Elevation	39.68				Ft	Field	

Client ID: MW-9S	Lab ID: A200154-06						
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Chloride	24		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.49		0.00	0.00	mg/L	Field	
Mercury - Total	0.0393	I	0.0230	0.200	ug/L	EPA 7470A	
pH	6.56				pH Units	Field	
Sodium - Total	10.6		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	961		0	0	umhos/cm	Field	
Sulfate	78		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.01		0.00	0.00	°C	Field	
Total Dissolved Solids	590		10	10	mg/L	SM18 2540C	
Turbidity	2.40		0.00	0.00	NTU	Field	

Client ID: MW-9S			Lab ID: A200154-06				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Vanadium - Total	5.48	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	39.54				Ft	Field	

Client ID: MW-9S			Lab ID: A200154-06RE1				
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**	**Notes**
Nitrate as N	0.75	I	0.26	5.0	mg/L	EPA 300.0	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-01
Sampled: 01/20/12 10:40
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

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

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-01
Sampled: 01/20/12 10:40
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	**0.74**		mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:36	KGonz	
Chloride [16887-00-6]	**6.1**		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/20/12 22:25	RSA	
Nitrate as N [14797-55-8]	0.052	U	mg/L	1	0.052	1.0	2A20024	EPA 300.0	01/20/12 22:25	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	**9.1**		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/20/12 22:25	RSA	
Total Dissolved Solids [ECL-0156] ^	**530**		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	

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Description: MW-5
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-01
Sampled: 01/20/12 10:40
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.21**		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 10:40	FLD	
pH [ECL-0062]	**6.44**		pH Units	1			2A16023	Field	01/20/12 10:40	FLD	
Specific Conductance (EC) [ECL-0146]	**958**		umhos/cm	1	0	0	2A16023	Field	01/20/12 10:40	FLD	
Temperature [ECL-0151]	**24.02**		°C	1	0.00	0.00	2A16023	Field	01/20/12 10:40	FLD	
Turbidity [ECL-0177]	**1.50**		NTU	1	0.00	0.00	2A16023	Field	01/20/12 10:40	FLD	
Water Elevation [ECL-0180]	**39.74**		Ft	1			2A16023	Field	01/20/12 10:40	FLD	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-02
Sampled: 01/20/12 09:54
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-02
Sampled: 01/20/12 09:54
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:10	JAY	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-02
Sampled: 01/20/12 09:54
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

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

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-02
Sampled: 01/20/12 09:54
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	**1.8**		mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:37	KGonz	
Chloride [16887-00-6]	**24**		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/20/12 23:00	RSA	
Nitrate as N [14797-55-8]	0.052	U	mg/L	1	0.052	1.0	2A20024	EPA 300.0	01/20/12 23:00	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	**190**		mg/L	5	0.33	25	2A20024	EPA 300.0	01/20/12 23:17	RSA	
Total Dissolved Solids [ECL-0156] ^	**830**		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	

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Description: MW-1
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-02
Sampled: 01/20/12 09:54
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.25**		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 09:54	FLD	
pH [ECL-0062]	**6.49**		pH Units	1			2A16023	Field	01/20/12 09:54	FLD	
Specific Conductance (EC) [ECL-0146]	**1294**		umhos/cm	1	0	0	2A16023	Field	01/20/12 09:54	FLD	
Temperature [ECL-0151]	**24.70**		°C	1	0.00	0.00	2A16023	Field	01/20/12 09:54	FLD	
Turbidity [ECL-0177]	**1.20**		NTU	1	0.00	0.00	2A16023	Field	01/20/12 09:54	FLD	
Water Elevation [ECL-0180]	**39.88**		Ft	1			2A16023	Field	01/20/12 09:54	FLD	

Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-03
Sampled: 01/20/12 11:02
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-03
Sampled: 01/20/12 11:02
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:38	KGonz	
Chloride [16887-00-6]	**3.6**	I	mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/20/12 23:35	RSA	
Nitrate as N [14797-55-8]	**1.4**	I	mg/L	2	0.10	2.0	2A20024	EPA 300.0	01/20/12 23:52	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	**21**		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/20/12 23:35	RSA	
Total Dissolved Solids [ECL-0156] ^	**470**		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	

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Description: MW-6
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-03
Sampled: 01/20/12 11:02
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**1.44**		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 11:02	FLD	
pH [ECL-0062]	**6.58**		pH Units	1			2A16023	Field	01/20/12 11:02	FLD	
Specific Conductance (EC) [ECL-0146]	**790**		umhos/cm	1	0	0	2A16023	Field	01/20/12 11:02	FLD	
Temperature [ECL-0151]	**23.03**		°C	1	0.00	0.00	2A16023	Field	01/20/12 11:02	FLD	
Turbidity [ECL-0177]	**1.40**		NTU	1	0.00	0.00	2A16023	Field	01/20/12 11:02	FLD	
Water Elevation [ECL-0180]	**39.90**		Ft	1			2A16023	Field	01/20/12 11:02	FLD	

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-04
Sampled: 01/20/12 12:04
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-04
Sampled: 01/20/12 12:04
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.0329**	I	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:16	JAY	

Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-04
Sampled: 01/20/12 12:04
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

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

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-04
Sampled: 01/20/12 12:04
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:40	KGonz	
Chloride [16887-00-6]	**9.7**		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/21/12 01:01	RSA	
Nitrate as N [14797-55-8]	**11**		mg/L	5	0.26	5.0	2A20024	EPA 300.0	01/21/12 01:19	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	**36**		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/21/12 01:01	RSA	
Total Dissolved Solids [ECL-0156] ^	**570**		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	

Description: MW-7
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-04
Sampled: 01/20/12 12:04
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.19**		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 12:04	FLD	
pH [ECL-0062]	**6.47**		pH Units	1			2A16023	Field	01/20/12 12:04	FLD	
Specific Conductance (EC) [ECL-0146]	**940**		umhos/cm	1	0	0	2A16023	Field	01/20/12 12:04	FLD	
Temperature [ECL-0151]	**24.44**		°C	1	0.00	0.00	2A16023	Field	01/20/12 12:04	FLD	
Turbidity [ECL-0177]	**1.90**		NTU	1	0.00	0.00	2A16023	Field	01/20/12 12:04	FLD	
Water Elevation [ECL-0180]	**39.76**		Ft	1			2A16023	Field	01/20/12 12:04	FLD	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-05
Sampled: 01/20/12 11:28
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-05
Sampled: 01/20/12 11:28
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.0230	U	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:26	JAY	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-05
Sampled: 01/20/12 11:28
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

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

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-05
Sampled: 01/20/12 11:28
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	**0.47**		mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:41	KGonz	
Chloride [16887-00-6]	**18**		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/21/12 01:36	RSA	
Nitrate as N [14797-55-8]	0.052	U	mg/L	1	0.052	1.0	2A20024	EPA 300.0	01/21/12 01:36	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	**6.4**		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/21/12 01:36	RSA	
Total Dissolved Solids [ECL-0156] ^	**650**		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	

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Description: MW-8
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-05
Sampled: 01/20/12 11:28
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.16**		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 11:28	FLD	
pH [ECL-0062]	**6.32**		pH Units	1			2A16023	Field	01/20/12 11:28	FLD	
Specific Conductance (EC) [ECL-0146]	**1129**		umhos/cm	1	0	0	2A16023	Field	01/20/12 11:28	FLD	
Temperature [ECL-0151]	**24.91**		°C	1	0.00	0.00	2A16023	Field	01/20/12 11:28	FLD	
Turbidity [ECL-0177]	**0.90**		NTU	1	0.00	0.00	2A16023	Field	01/20/12 11:28	FLD	
Water Elevation [ECL-0180]	**39.68**		Ft	1			2A16023	Field	01/20/12 11:28	FLD	

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

Lab Sample ID: A200154-06
Sampled: 01/20/12 09:30
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

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

Lab Sample ID: A200154-06
Sampled: 01/20/12 09:30
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.0393**	I	ug/L	1	0.0230	0.200	2A19023	EPA 7470A	01/25/12 09:29	JAY	

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

Lab Sample ID: A200154-06
Sampled: 01/20/12 09:30
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

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

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Lab Sample ID: A200154-06
Sampled: 01/20/12 09:30
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7] ^	0.0073	U	mg/L	1	0.0073	0.020	2A25031	EPA 350.1	01/25/12 15:44	KGonz	
Chloride [16887-00-6]	**24**		mg/L	1	0.29	5.0	2A20024	EPA 300.0	01/21/12 02:11	RSA	
Nitrate as N [14797-55-8]	**0.75**	I	mg/L	5	0.26	5.0	2A20024	EPA 300.0	01/21/12 02:28	RSA	
Phenolics [ECL-0123] ^	20	U	ug/L	1	20	50	2A23014	EPA 420.1	01/24/12 12:00	RMM	
Sulfate [14808-79-8]	**78**		mg/L	1	0.07	5.0	2A20024	EPA 300.0	01/21/12 02:11	RSA	
Total Dissolved Solids [ECL-0156] ^	**590**		mg/L	1	10	10	2A24036	SM18 2540C	01/25/12 21:47	AH	

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

Lab Sample ID: A200154-06
Sampled: 01/20/12 09:30
Sampled By: Chris Monaco

Received: 01/20/12 17:03
Work Order: A200154

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.49**		mg/L	1	0.00	0.00	2A16023	Field	01/20/12 09:30	FLD	
pH [ECL-0062]	**6.56**		pH Units	1			2A16023	Field	01/20/12 09:30	FLD	
Specific Conductance (EC) [ECL-0146]	**961**		umhos/cm	1	0	0	2A16023	Field	01/20/12 09:30	FLD	
Temperature [ECL-0151]	**23.01**		°C	1	0.00	0.00	2A16023	Field	01/20/12 09:30	FLD	
Turbidity [ECL-0177]	**2.40**		NTU	1	0.00	0.00	2A16023	Field	01/20/12 09:30	FLD	
Water Elevation [ECL-0180]	**39.54**		Ft	1			2A16023	Field	01/20/12 09:30	FLD	

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Description: TRIP BLANK
Matrix: Ground Water
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING

Lab Sample ID: A200154-07
Sampled: 01/20/12 00:00
Sampled By: ENCO

Received: 01/20/12 17:03
Work Order: A200154

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2A26015 - EPA 5030B_MS

Blank (2A26015-BLK1) Prepared: 01/26/2012 09:30 Analyzed: 01/26/2012 11:26

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

LCS (2A26015-BS1) Prepared: 01/26/2012 09:30 Analyzed: 01/26/2012 10:56

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2A26015 - EPA 5030B_MS

LCS (2A26015-BS1) Continued Prepared: 01/26/2012 09:30 Analyzed: 01/26/2012 10:56

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

Matrix Spike (2A26015-MS1) Prepared: 01/26/2012 11:28 Analyzed: 01/26/2012 11:56

Source: A200154-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0	0.94 U	134	65-144			
Benzene	21		1.0	ug/L	20.0	0.58 U	104	73-138			
Chlorobenzene	23		1.0	ug/L	20.0	0.51 U	117	77-127			
Toluene	20		1.0	ug/L	20.0	0.58 U	102	71-123			
Trichloroethene	23		1.0	ug/L	20.0	0.55 U	113	83-133			
Surrogate: 4-Bromofluorobenzene	*42*			*ug/L*	*50.0*		*83*	*41-142*			
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*95*	*53-146*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*41-146*			

Matrix Spike Dup (2A26015-MSD1) Prepared: 01/26/2012 11:28 Analyzed: 01/26/2012 12:26

Source: A200154-01

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

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 2A19023 - EPA 7470A

Blank (2A19023-BLK1) Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:10

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

Blank (2A19023-BLK2) Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:13

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

LCS (2A19023-BS1) Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:16

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 2A19023 - EPA 7470A

LCS (2A19023-BS1) Continued Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:16

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

Matrix Spike (2A19023-MS1) Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:23

Source: A200189-01

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

Matrix Spike Dup (2A19023-MSD1) Prepared: 01/24/2012 13:04 Analyzed: 01/25/2012 08:26

Source: A200189-01

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

Post Spike (2A19023-PS1) Prepared: 01/25/2012 06:00 Analyzed: 01/25/2012 08:29

Source: A200189-01

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

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

Batch 2A23017 - EPA 3005A

Blank (2A23017-BLK1) Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 19:49

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

LCS (2A23017-BS1) Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 19:56

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

QUALITY CONTROL

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

Batch 2A23017 - EPA 3005A

LCS (2A23017-BS1) Continued Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 19:56

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

Matrix Spike (2A23017-MS1) Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 20:13

Source: A200154-02

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

Matrix Spike Dup (2A23017-MSD1) Prepared: 01/23/2012 12:17 Analyzed: 01/25/2012 20:21

Source: A200154-02

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

Post Spike (2A23017-PS1) Prepared: 01/25/2012 12:00 Analyzed: 01/25/2012 20:29

Source: A200154-02

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

QUALITY CONTROL

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

Batch 2A23017 - EPA 3005A

Post Spike (2A23017-PS1) Continued Prepared: 01/25/2012 12:00 Analyzed: 01/25/2012 20:29

Source: A200154-02

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

Classical Chemistry Parameters - Quality Control

Batch 2A20024 - NO PREP

Blank (2A20024-BLK1) Prepared: 01/20/2012 16:30 Analyzed: 01/20/2012 17:40

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

LCS (2A20024-BS1) Prepared: 01/20/2012 16:30 Analyzed: 01/20/2012 17:58

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

Matrix Spike (2A20024-MS1) Prepared: 01/20/2012 16:30 Analyzed: 01/20/2012 18:40

Source: A200287-01

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

Matrix Spike (2A20024-MS2) Prepared: 01/20/2012 16:30 Analyzed: 01/21/2012 03:03

Source: A200287-01RE1

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

Matrix Spike Dup (2A20024-MSD1) Prepared: 01/20/2012 16:30 Analyzed: 01/20/2012 18:58

Source: A200287-01

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

Matrix Spike Dup (2A20024-MSD2) Prepared: 01/20/2012 16:30 Analyzed: 01/21/2012 03:20

Source: A200287-01RE1

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

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2A20024 - NO PREP

Batch 2A23014 - NO PREP

Blank (2A23014-BLK1) Prepared: 01/23/2012 09:56 Analyzed: 01/24/2012 12:00

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

LCS (2A23014-BS1) Prepared: 01/23/2012 09:56 Analyzed: 01/24/2012 12:00

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

Matrix Spike (2A23014-MS1) Prepared: 01/23/2012 09:56 Analyzed: 01/24/2012 12:00

Source: A106453-01

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

Matrix Spike Dup (2A23014-MSD1) Prepared: 01/23/2012 09:56 Analyzed: 01/24/2012 12:00

Source: A106453-01

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

Batch 2A24036 - NO PREP

Blank (2A24036-BLK1) Prepared: 01/24/2012 16:48 Analyzed: 01/25/2012 21:47

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

LCS (2A24036-BS1) Prepared: 01/24/2012 16:48 Analyzed: 01/25/2012 21:47

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

Duplicate (2A24036-DUP1) Prepared: 01/24/2012 16:48 Analyzed: 01/25/2012 21:47

Source: A200025-01

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

Batch 2A25031 - NO PREP

Blank (2A25031-BLK1) Prepared: 01/25/2012 15:06 Analyzed: 01/25/2012 15:34

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

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2A25031 - NO PREP

LCS (2A25031-BS1) Prepared: 01/25/2012 15:06 Analyzed: 01/25/2012 15:35

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

Matrix Spike (2A25031-MS1) Prepared: 01/25/2012 15:06 Analyzed: 01/25/2012 15:49

Source: A200374-01

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

Matrix Spike Dup (2A25031-MSD1) Prepared: 01/25/2012 15:06 Analyzed: 01/25/2012 15:50

Source: A200374-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.97		0.020	mg/L	1.00	0.0073 U	97	90-110	3	10	

FLAGS/NOTES AND DEFINITIONS

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

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ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Page 1 of 1

Requested Turnaround Times: X Standard / Expedited

Due: / /

Lab Workorder: A200154

Time Zone: FL | EST

Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Sample Comments
[illegible]	1-20-12	1040	Grab	
[illegible]	1-20-12	0954	Grab	
MW[illegible]	1-20-12	1102	Grab	
MW[illegible]	1-20-12	1204	Grab	
MW[illegible]	1-20-12	1128	Grab	
[illegible]	1-20-12	0930	Grab	Lab DI water
TRIP BLANK	-	-	Grab	

Total # of Containers

Sample Kit Prepared By: Shay Byrd — Date/Time: 1-11-12 15:10

Relinquished By: Shay Byrd — Date/Time: 1-11-12 15[illegible] — Received By: [signature] — Date/Time: 1-12-12 1900

Relinquished By: [signature] — Date/Time: 1-20-12 17[illegible]3 — Received By: [signature] — Date/Time: [illegible]/12 1703

Cooler # & Temps on Receipt: [illegible] 1.0

Condition Upon Receipt: ✓ Acceptable / Unacceptable

Matrix: GW-Groundwater, SO-Soil, DW-Drinking Water, SE-Sediment, SW-Surface Water, WW-Wastewater, A-Air, O-Other