SEMI-ANNUAL MONITORING REPORT

SECOND HALF 2012

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

PREPARED FOR:

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

PREPARED BY:

Robert M. Couch III, P.E.
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(352) 694-1799
Registration No. 55311
Certificate of Authorization No. 8692

August 14, 2012

August 14, 2012

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

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

Dear Mr. Giunarelli:

Per your request, Enviro-Technologies, Inc. (ETI) has completed the semi-annual groundwater monitoring report for the second half of 2012 groundwater sampling activities on Monitoring Wells: MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9S. Information about the individual wells is provided in the Appendix of this report.

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

PROJECT LOCATION

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

GROUNDWATER QUALITY ASSESSMENT

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

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

GROUNDWATER ANALYTICAL RESULTS

Copies of the laboratory analytical results and chain-of-custody forms and a sample detection summary of the analytical results of each monitoring well for the July 27, 2012 sampling event are provided in the Appendix. A summary of the identified peaks equal to greater than the Groundwater Cleanup Target Levels for respective analytical methods are provided in the following tables:

MW-1

Analyte	Results	Groundwater Criteria	Units	Method
Iron - Total	2350	300	ug/L	EPA 6020
Total Dissolved Solids	1900	500	mg/L	SM182540C

MW-5

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

MW-6

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

MW-7

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	550	500	mg/L	SM18 2540C

MW-8

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

MW-9S

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

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

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

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

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

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

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

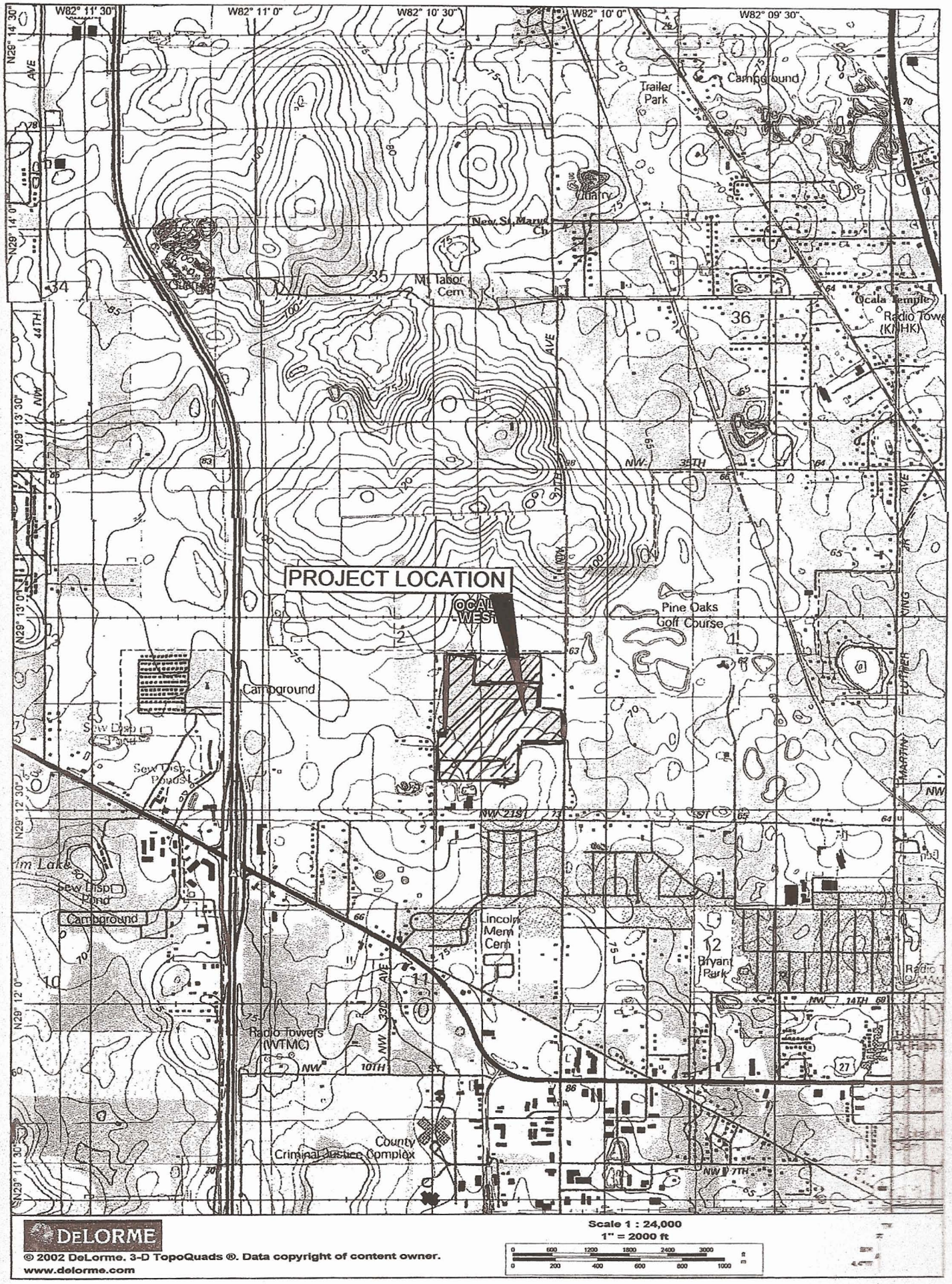
Sincerely,

Robert M. Couch III

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

Cc: Gloria Jean DePradine- Florida Department of Environmental Protection

APPENDIX


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"
PROJECT LOCATION
Trailer Park
Campground
Quarry
New St. Marys Ch
Mt Tabor Cem
Ocala Temple
Radio Towe
(KNHK)
Pine Oaks Golf Course
Campground
Sew Disp Pond
Sew Disp Ponds
Im Lake
Sew Disp Pond
Campground
Lincoln Mem Cem
Bryant Park
Radio Towers (WTMC)
County Criminal Justice Complex
34
35
36
10
11
12
44TH AVE
35TH AVE
MARTIN LUTHER KING
NW 21ST ST
NW 14TH ST
NW 10TH ST
NW 7TH ST
330' NW
DELORME
Scale 1 : 24,000
1" = 2000 ft
© 2002 DeLorme. 3-D TopoQuads ®. Data copyright of content owner.
www.delorme.com

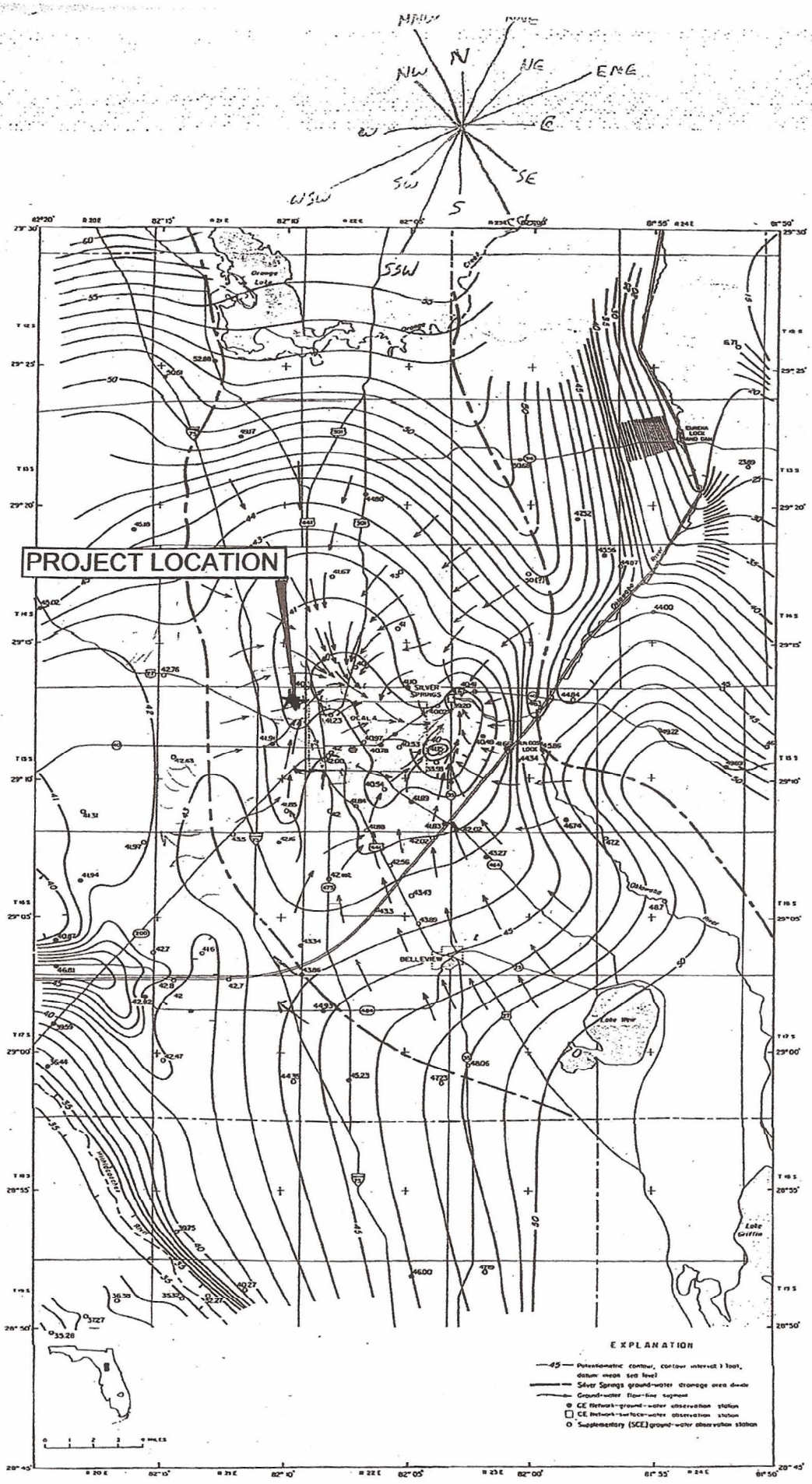


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: **MW-1**	WACS_WELL: 18811	DATE: 07 / 27 / 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): 32.51	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 – 32.51 feet) X .16 gallons/foot = 1.75 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): 34.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.00	PURGING INITIATED AT: 0925	PURGING ENDED AT: 0936	TOTAL VOLUME PURGED (gallons): 3.85

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)
0930	1.75	1.75	.35	32.72	6.47	21.95	1,684	.42	1.00	Clear	None
0933	1.05	2.80	.35	32.72	6.48	21.95	1,673	.39	.90	Clear	None
0936	1.05	3.85	.35	32.72	6.50	21.97	1,652	.38	.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: 0936	SAMPLING ENDED AT: 0942
PUMP OR TUBING DEPTH IN WELL (feet): 34.00	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-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	≈ 1325
MW-1	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1325
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1325

REMARKS:

DTW = 32.51 Reference Elevation = 74.66 GWTE = 42.15 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 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 / 27 / 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): 45.80	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 – 45.80 feet) X .16 gallons/foot = 3.46 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): 47.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 47.50	PURGING INITIATED AT: 0956	PURGING ENDED AT: 1012	TOTAL VOLUME PURGED (gallons): 5.60

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)
1006	3.50	3.50	.35	45.90	6.47	22.03	840	.42	2.00	Clear	None
1009	1.05	4.55	.35	45.90	6.49	21.99	843	.40	1.70	Clear	None
1012	1.05	5.60	.35	45.90	6.50	21.97	846	.36	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: 1012	SAMPLING ENDED AT: 1018
PUMP OR TUBING DEPTH IN WELL (feet): 47.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [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-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	≈ 1325
MW-5	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1325
MW-5	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1325

REMARKS: black particles observed in purge water

DTW = 45.80 Reference Elevation = 88.01 GWTE = 42.21 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = 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 / 27 / 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): 35.77	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)
= (53.10 feet – 35.77 feet) X .16 gallons/foot = 2.77 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: 1025	PURGING ENDED AT: 1037	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)
1031	3.00	3.00	.50	36.24	6.65	20.10	521	1.49	15.70	Clear	None
1034	1.50	4.50	.50	36.24	6.71	20.12	530	1.47	12.60	Clear	None
1037	1.50	6.00	.50	36.24	6.74	20.11	536	1.43	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: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1037	SAMPLING ENDED AT: 1044
PUMP OR TUBING DEPTH IN WELL (feet): 37.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] 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-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 = 35.77 Reference Elevation = 78.05 GWTE = 42.28 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **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 / 27 / 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): 46.52	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 – 46.52 feet) X .16 gallons/foot = 1.17 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): 49.00	PURGING INITIATED AT: 1124	PURGING ENDED AT: 1136	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)
1130	1.20	1.20	.20	47.89	6.41	21.98	755	.40	4.30	clear	None
1133	.60	1.80	.20	47.89	6.47	21.99	753	.37	3.50	Clear	None
1136	.60	2.40	.20	47.89	6.50	22.10	753	.30	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: 1136	SAMPLING ENDED AT: 1142
PUMP OR TUBING DEPTH IN WELL (feet): 49.00	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	≈ 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:

DTW = 46.52 Reference Elevation = 88.67 GWTE = 42.15 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = 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 / 27 / 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): 29.09	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 – 29.09 feet) X .16 gallons/foot = .82 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: 1052	PURGING ENDED AT: 1103	TOTAL VOLUME PURGED (gallons): 3.85

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)
1057	1.75	1.75	.35	29.21	6.32	21.93	931	.29	7.20	Clear	None
1100	1.05	2.80	.35	29.21	6.34	21.98	937	.27	6.50	Clear	None
1103	1.05	3.85	.35	29.21	6.37	21.96	938	.24	5.90	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: 1103	SAMPLING ENDED AT: 1109
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	≈ 1325
MW-8	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1325
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1325

REMARKS:

DTW = 29.09 Reference Elevation = 71.17 GWTE = 42.08 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 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 / 27 / 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): 26.77	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)
= (32.80 feet – 26.77 feet) X .16 gallons/foot = .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): 28.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.50	PURGING INITIATED AT: 0858	PURGING ENDED AT: 0909	TOTAL VOLUME PURGED (gallons): 3.85

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)
0903	1.75	1.75	.35	26.89	6.69	20.43	739	.51	11.40	Clear	None
0906	1.05	2.80	.35	26.89	6.58	20.52	741	.47	5.40	Clear	None
0909	1.05	3.85	.35	26.89	6.60	20.59	743	.42	2.90	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: 0909	SAMPLING ENDED AT: 0915
PUMP OR TUBING DEPTH IN WELL (feet): 28.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [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	≈ 1325
MW-9S	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1325
MW-9S	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1325

REMARKS:

DTW = 26.77 Reference Elevation = 68.64 GWTE = 41.87 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = 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-08-072712

CLIENT: Friends Recycling

ADDRESS: 2350 NW 27th Ave.

CITY, STATE: Ocala, Fl 34475

Site: Friends Recycling C&D Landfill

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

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

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

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

Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE
	INITIAL	CCV			
4.01	4.01	4.00	✓	OQ1	Oct-12
7.00	7.00	7.02	7.00	2007294	Jun-12
10.00	10.00	9.99	✓	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		LOT NUMBER	DATE PERFORMED (Quarterly)
		LOW	HIGH		
LOW	4.80	4.84		NA	12/06/11
HIGH	30.70		30.75		12/06/11

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

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

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

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

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

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

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

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

HACH POCKET COLORIMETER II S/N 06070D052733

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

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

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

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

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

Remarks:

Weather Conditions: Sunny 90-95°F

Equipment Blank with D.I. water

Zephyr Hills brand Lot #070512187WF2330929BB

Exp Date 01/04/14

Equipment Blank Data - Collected @ none Collected

pH = ✓ Cond = ✓

Temp = ✓ D.O. = ✓

Turbidity = ✓

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

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

COPY TO: Nick Giumarelli

SIGNED: Karen LeBeau

Chris Monaco or Karen LeBeau

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

4810 Executive Park Court, Suite 111
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: 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 Ideal Tech Services Inc.	Billing Contact: Nick Giunarelli
Sampler(s) Signature:	Site Location / Time Zone: FL/EST

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: A204146

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,Hg,Na,Pb,Sb,Tl,V	Ammonia 350.1,Phenols 420.1	Chloride 300,Nitrate as N 300,Sulfate 300,TDS SM2540C	Field Parameters	Sample Comments
							Preservation (See Codes) (Combine as necessary)					
							HI	NI	SI	I	-	
	MW-5	7/27/12	1018 0942 7/27/12 (2)	Grab	GW	6	X	X	X	X	X	
	MW-1	7/27/12	0942	Grab	GW	6	X	X	X	X	X	HNO_3 preserved container 7 2pH
	MW-6	7/27/12	1044	Grab	GW	6	X	X	X	X	X	
	MW-7	7/27/12	1144	Grab	GW	6	X	X	X	X	X	
	MW-8	7/27/12	1109	Grab	GW	6	X	X	X	X	X	
	MW-9S	7/27/12	0915	Grab	GW	6	X	X	X	X	X	
	TRIP BLANK	—	—	—	O	2	X					O = DI WATER
							<-- Total # of Containers					

Sample Kit Prepared By: Shay Buyer	Date/Time: 7-25-12 1510	Relinquished By: Shay Buyer	Date/Time: 7-25-12 1510	Received By:	Date/Time: 7/25/12 1510
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 7/27/12 1300	Received By: Shawn LeBeau	Date/Time: 7/27/12 1306
		Relinquished By: Shawn LeBeau	Date/Time: 7/27/12 1355	Received By:	Date/Time: 7/27 1355
		Cooler #'s & Temps on Receipt:		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

Preservation: **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

Environmental Conservation Laboratories, Inc.
10775 Central Port Drive
Orlando FL, 32824
Phone: 407.826.5314 FAX: 407.850.6945
www.encolabs.com

Thursday, August 9, 2012

Friends Recycling (FR008)

Attn: Nick Giunarelli

2350 NW 27th Avenue

Ocala, FL 34475

RE: Laboratory Results for
Project Number: 21012, Project Name/Desc: FRIENDS RECYCLING FORMERLY OCALA RECYCLING
ENCO Workorder(s): A204146

Dear Nick Giunarelli,

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

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

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

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

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

Sincerely,

Marcia Colon

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 45.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5	Lab ID: A204146-01	Sampled: 07/27/12 10:18	Received: 07/27/12 15:20

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

Client ID: MW-1	Lab ID: A204146-02	Sampled: 07/27/12 09:42	Received: 07/27/12 15:20

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

Client ID: MW-6	Lab ID: A204146-03	Sampled: 07/27/12 10:44	Received: 07/27/12 15:20

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

Client ID: MW-7	Lab ID: A204146-04	Sampled: 07/27/12 11:44	Received: 07/27/12 15:20

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

Client ID: MW-8	Lab ID: A204146-05	Sampled: 07/27/12 11:09	Received: 07/27/12 15:20

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

Client ID: MW-8	Lab ID: A204146-05RE1	Sampled: 07/27/12 11:09	Received: 07/27/12 15:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	01/23/13	07/31/12	09:58	8/7/2012 13:19

Client ID: MW-9S	Lab ID: A204146-06	Sampled: 07/27/12 09:15	Received: 07/27/12 15:20

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

Client ID:	TRIP BLANK	Lab ID: A204146-07	Sampled: 07/27/12 00:00	Received: 07/27/12 15:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	08/10/12	07/31/12 13:00	7/31/2012 22:44

SAMPLE DETECTION SUMMARY

Client ID: MW-5 **Lab ID: A204146-01**

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

Client ID: MW-1 **Lab ID: A204146-02**

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

Client ID: MW-6 **Lab ID: A204146-03**

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

Client ID: MW-7 **Lab ID: A204146-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Cadmium - Total	1.48	I	1.10	3.00	ug/L	EPA 6020A	

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

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

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

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

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ANALYTICAL RESULTS

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

Lab Sample ID: A204146-01
Sampled: 07/27/12 10:18
Sampled By: Chris Monaco

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 19:43	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 19:43	kat	

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

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

Lab Sample ID: A204146-01
Sampled: 07/27/12 10:18
Sampled By: Chris Monaco

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

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	2G27028	EPA 7470A	08/01/12 07:31	IR	

Description: MW-5 **Lab Sample ID:** A204146-01 **Received:** 07/27/12 15:20

Matrix: Ground Water **Sampled:** 07/27/12 10:18 **Work Order:** A204146

Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING **Sampled By:** Chris Monaco

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Iron [7439-89-6] ^	**15300**		ug/L	10	380	500	2G27027	EPA 6020A	08/06/12 21:29	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Sodium [7440-23-5] ^	**6.03**		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 21:21	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 21:21	JMA	

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

Lab Sample ID: A204146-01
Sampled: 07/27/12 10:18
Sampled By: Chris Monaco

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

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Lab Sample ID: A204146-01
Sampled: 07/27/12 10:18
Sampled By: Chris Monaco

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

Field Parameters

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

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

Lab Sample ID: A204146-02
Sampled: 07/27/12 09:42
Sampled By: Chris Monaco

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 20:13	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 20:13	kat	

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

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

Lab Sample ID: A204146-02
Sampled: 07/27/12 09:42
Sampled By: Chris Monaco

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.0966**	I	ug/L	1	0.0230	0.200	2G27028	EPA 7470A	08/01/12 07:34	IR	

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

Lab Sample ID: A204146-02
Sampled: 07/27/12 09:42
Sampled By: Chris Monaco

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

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Arsenic [7440-38-2] ^	**6.44**	I	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Cadmium [7440-43-9] ^	**2.05**	I	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Iron [7439-89-6] ^	**2530**		ug/L	1	38.0	50.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Sodium [7440-23-5] ^	**98.3**		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Thallium [7440-28-0] ^	**0.607**	I	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 21:36	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 21:36	JMA	

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

Lab Sample ID: A204146-02
Sampled: 07/27/12 09:42
Sampled By: Chris Monaco

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

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Lab Sample ID: A204146-02
Sampled: 07/27/12 09:42
Sampled By: Chris Monaco

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.38**		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 09:42	FLD	
pH [ECL-0062]	**6.50**		pH Units	1			2G18019	Field	07/27/12 09:42	FLD	
Specific Conductance (EC) [ECL-0146]	**1652**		umhos/cm	1	0	0	2G18019	Field	07/27/12 09:42	FLD	
Temperature [ECL-0151]	**21.97**		°C	1	0.00	0.00	2G18019	Field	07/27/12 09:42	FLD	
Turbidity [ECL-0177]	**0.90**		NTU	1	0.00	0.00	2G18019	Field	07/27/12 09:42	FLD	
Water Elevation [ECL-0180]	**42.15**		Ft	1			2G18019	Field	07/27/12 09:42	FLD	

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

Lab Sample ID: A204146-03
Sampled: 07/27/12 10:44
Sampled By: Chris Monaco

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 20:44	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 20:44	kat	

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

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

Lab Sample ID: A204146-03
Sampled: 07/27/12 10:44
Sampled By: Chris Monaco

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

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	2G27028	EPA 7470A	08/01/12 07:44	IR	

Description: MW-6 **Lab Sample ID:** A204146-03 **Received:** 07/27/12 15:20

Matrix: Ground Water **Sampled:** 07/27/12 10:44 **Work Order:** A204146

Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING **Sampled By:** Chris Monaco

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Sodium [7440-23-5] ^	**3.71**		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 21:43	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 21:43	JMA	

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

Lab Sample ID: A204146-03
Sampled: 07/27/12 10:44
Sampled By: Chris Monaco

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

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Lab Sample ID: A204146-03
Sampled: 07/27/12 10:44
Sampled By: Chris Monaco

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**1.43**		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 10:44	FLD	
pH [ECL-0062]	**6.74**		pH Units	1			2G18019	Field	07/27/12 10:44	FLD	
Specific Conductance (EC) [ECL-0146]	**536**		umhos/cm	1	0	0	2G18019	Field	07/27/12 10:44	FLD	
Temperature [ECL-0151]	**20.11**		°C	1	0.00	0.00	2G18019	Field	07/27/12 10:44	FLD	
Turbidity [ECL-0177]	**3.40**		NTU	1	0.00	0.00	2G18019	Field	07/27/12 10:44	FLD	
Water Elevation [ECL-0180]	**42.28**		Ft	1			2G18019	Field	07/27/12 10:44	FLD	

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

Lab Sample ID: A204146-04
Sampled: 07/27/12 11:44
Sampled By: Chris Monaco

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 21:14	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 21:14	kat	

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

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

Lab Sample ID: A204146-04
Sampled: 07/27/12 11:44
Sampled By: Chris Monaco

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	**0.0642**	I	ug/L	1	0.0230	0.200	2G27028	EPA 7470A	08/01/12 07:47	IR	

Description: MW-7 **Lab Sample ID:** A204146-04 **Received:** 07/27/12 15:20

Matrix: Ground Water **Sampled:** 07/27/12 11:44 **Work Order:** A204146

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

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

Lab Sample ID: A204146-04
Sampled: 07/27/12 11:44
Sampled By: Chris Monaco

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

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Lab Sample ID: A204146-04
Sampled: 07/27/12 11:44
Sampled By: Chris Monaco

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.30**		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 11:44	FLD	
pH [ECL-0062]	**6.50**		pH Units	1			2G18019	Field	07/27/12 11:44	FLD	
Specific Conductance (EC) [ECL-0146]	**753**		umhos/cm	1	0	0	2G18019	Field	07/27/12 11:44	FLD	
Temperature [ECL-0151]	**22.10**		°C	1	0.00	0.00	2G18019	Field	07/27/12 11:44	FLD	
Turbidity [ECL-0177]	**2.80**		NTU	1	0.00	0.00	2G18019	Field	07/27/12 11:44	FLD	
Water Elevation [ECL-0180]	**42.15**		Ft	1			2G18019	Field	07/27/12 11:44	FLD	

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

Lab Sample ID: A204146-05
Sampled: 07/27/12 11:09
Sampled By: Chris Monaco

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
cis-1,2-Dichloroethene [156-59-2] ^	**0.95**	I	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 21:44	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 21:44	kat	

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

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

Lab Sample ID: A204146-05
Sampled: 07/27/12 11:09
Sampled By: Chris Monaco

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

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	2G27028	EPA 7470A	08/01/12 07:50	IR	

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Description: MW-8 **Lab Sample ID:** A204146-05 **Received:** 07/27/12 15:20

Matrix: Ground Water **Sampled:** 07/27/12 11:09 **Work Order:** A204146

Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING **Sampled By:** Chris Monaco

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Arsenic [7440-38-2] ^	**6.81**	I	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Iron [7439-89-6] ^	**15400**		ug/L	10	380	500	2G27027	EPA 6020A	08/07/12 13:19	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Sodium [7440-23-5] ^	**16.2**		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 22:00	JMA	
Vanadium [7440-62-2] ^	2.00	U	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 22:00	JMA	

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

Lab Sample ID: A204146-05
Sampled: 07/27/12 11:09
Sampled By: Chris Monaco

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

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Lab Sample ID: A204146-05
Sampled: 07/27/12 11:09
Sampled By: Chris Monaco

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

Field Parameters

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

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

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

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 22:14	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 22:14	kat	

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

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

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

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

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	2G27028	EPA 7470A	08/01/12 07:53	IR	

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

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

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

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Aluminum [7429-90-5] ^	68.0	U	ug/L	1	68.0	100	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Antimony [7440-36-0] ^	1.10	U	ug/L	1	1.10	20.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Arsenic [7440-38-2] ^	6.10	U	ug/L	1	6.10	10.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Cadmium [7440-43-9] ^	1.10	U	ug/L	1	1.10	3.00	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Chromium [7440-47-3] ^	4.50	U	ug/L	1	4.50	10.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Iron [7439-89-6] ^	38.0	U	ug/L	1	38.0	50.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Lead [7439-92-1] ^	1.60	U	ug/L	1	1.60	5.00	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Sodium [7440-23-5] ^	**15.1**		mg/L	1	0.320	1.00	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Thallium [7440-28-0] ^	0.580	U	ug/L	1	0.580	1.00	2G27027	EPA 6020A	08/06/12 22:07	JMA	
Vanadium [7440-62-2] ^	**3.40**	I	ug/L	1	2.00	10.0	2G27027	EPA 6020A	08/06/12 22:07	JMA	

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

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

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

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

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

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.42**		mg/L	1	0.00	0.00	2G18019	Field	07/27/12 09:15	FLD	
pH [ECL-0062]	**6.60**		pH Units	1			2G18019	Field	07/27/12 09:15	FLD	
Specific Conductance (EC) [ECL-0146]	**743**		umhos/cm	1	0	0	2G18019	Field	07/27/12 09:15	FLD	
Temperature [ECL-0151]	**20.59**		°C	1	0.00	0.00	2G18019	Field	07/27/12 09:15	FLD	
Turbidity [ECL-0177]	**2.90**		NTU	1	0.00	0.00	2G18019	Field	07/27/12 09:15	FLD	
Water Elevation [ECL-0180]	**41.87**		Ft	1			2G18019	Field	07/27/12 09:15	FLD	

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

Lab Sample ID: A204146-07
Sampled: 07/27/12 00:00
Sampled By: ENCO

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.54	U	ug/L	1	0.54	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,1,2-Trichloroethane [79-00-5] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,1-Dichloroethane [75-34-3] ^	0.62	U	ug/L	1	0.62	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,1-Dichloroethene [75-35-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,2-Dichlorobenzene [95-50-1] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,2-Dichloroethane [107-06-2] ^	0.63	U	ug/L	1	0.63	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,2-Dichloropropane [78-87-5] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,3-Dichlorobenzene [541-73-1] ^	0.77	U	ug/L	1	0.77	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
1,4-Dichlorobenzene [106-46-7] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.9	U	ug/L	1	1.9	5.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Benzene [71-43-2] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Bromodichloromethane [75-27-4] ^	0.52	U	ug/L	1	0.52	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Bromoform [75-25-2] ^	0.75	U	ug/L	1	0.75	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Bromomethane [74-83-9] ^	0.95	U	ug/L	1	0.95	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Carbon tetrachloride [56-23-5] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Chlorobenzene [108-90-7] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Chloroethane [75-00-3] ^	0.98	U	ug/L	1	0.98	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Chloroform [67-66-3] ^	0.80	U	ug/L	1	0.80	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Chloromethane [74-87-3] ^	0.82	U	ug/L	1	0.82	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
cis-1,2-Dichloroethene [156-59-2] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
cis-1,3-Dichloropropene [10061-01-5] ^	0.59	U	ug/L	1	0.59	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Dibromochloromethane [124-48-1] ^	0.44	U	ug/L	1	0.44	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Dichlorodifluoromethane [75-71-8] ^	0.74	U	ug/L	1	0.74	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Ethylbenzene [100-41-4] ^	0.69	U	ug/L	1	0.69	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
m,p-Xylenes [108-38-3/106-42-3] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Methylene chloride [75-09-2] ^	0.71	U	ug/L	1	0.71	2.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.60	U	ug/L	1	0.60	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
o-Xylene [95-47-6] ^	0.53	U	ug/L	1	0.53	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Tetrachloroethene [127-18-4] ^	0.76	U	ug/L	1	0.76	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Toluene [108-88-3] ^	0.72	U	ug/L	1	0.72	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
trans-1,2-Dichloroethene [156-60-5] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
trans-1,3-Dichloropropene [10061-02-6] ^	0.73	U	ug/L	1	0.73	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Trichloroethene [79-01-6] ^	0.89	U	ug/L	1	0.89	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Trichlorofluoromethane [75-69-4] ^	0.94	U	ug/L	1	0.94	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Vinyl chloride [75-01-4] ^	0.71	U	ug/L	1	0.71	1.0	2G31024	EPA 8260B	07/31/12 22:44	kat	
Xylenes (Total) [1330-20-7] ^	1.3	U	ug/L	1	1.3	2.0	2G31024	EPA 8260B	07/31/12 22:44	kat	

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2G31024 - EPA 5030B_MS

Blank (2G31024-BLK1) Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 14:08

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

LCS (2G31024-BS1) Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 13:37

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2G31024 - EPA 5030B_MS

LCS (2G31024-BS1) Continued Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 13:37

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

Matrix Spike (2G31024-MS1) Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 14:39

Source: A203798-01

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

Matrix Spike Dup (2G31024-MSD1) Prepared: 07/31/2012 13:00 Analyzed: 07/31/2012 15:09

Source: A203798-01

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

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 2G27028 - EPA 7470A

Blank (2G27028-BLK1) Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:06

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

LCS (2G27028-BS1) Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:09

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

Matrix Spike (2G27028-MS1) Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:15

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 2G27028 - EPA 7470A

Matrix Spike (2G27028-MS1) Continued Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:15

Source: A204185-03

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

Matrix Spike Dup (2G27028-MSD1) Prepared: 07/31/2012 14:23 Analyzed: 08/01/2012 07:18

Source: A204185-03

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

Post Spike (2G27028-PS1) Prepared: 08/01/2012 06:00 Analyzed: 08/01/2012 07:22

Source: A204185-03

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

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

Batch 2G27027 - EPA 3005A

Blank (2G27027-BLK1) Prepared: 07/31/2012 09:58 Analyzed: 08/06/2012 13:50

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

LCS (2G27027-BS1) Prepared: 07/31/2012 09:58 Analyzed: 08/06/2012 13:57

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

QUALITY CONTROL

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

Batch 2G27027 - EPA 3005A

Matrix Spike (2G27027-MS1) Prepared: 07/31/2012 09:58 Analyzed: 08/06/2012 14:14

Source: A204185-03

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

Matrix Spike Dup (2G27027-MSD1) Prepared: 07/31/2012 09:58 Analyzed: 08/06/2012 14:22

Source: A204185-03

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

Post Spike (2G27027-PS1) Prepared: 08/06/2012 12:00 Analyzed: 08/06/2012 14:30

Source: A204185-03

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

Classical Chemistry Parameters - Quality Control

Batch 2G27005 - NO PREP

Blank (2G27005-BLK1) Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 17:58

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2G27005 - NO PREP

Blank (2G27005-BLK1) Continued Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 17:58

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

LCS (2G27005-BS1) Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 18:17

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

Matrix Spike (2G27005-MS1) Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 18:35

Source: A204185-07

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

Matrix Spike Dup (2G27005-MSD1) Prepared: 07/27/2012 12:43 Analyzed: 07/27/2012 18:53

Source: A204185-07

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

Batch 2G30017 - NO PREP

Blank (2G30017-BLK1) Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

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

LCS (2G30017-BS1) Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

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

Matrix Spike (2G30017-MS1) Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

Source: A203845-02

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

Matrix Spike Dup (2G30017-MSD1) Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2G30017 - NO PREP

Matrix Spike Dup (2G30017-MSD1) Continued Prepared: 07/30/2012 10:08 Analyzed: 07/31/2012 11:40

Source: A203845-02

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

Batch 2G30034 - NO PREP

Blank (2G30034-BLK1) Prepared: 07/30/2012 16:13 Analyzed: 07/31/2012 21:20

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

LCS (2G30034-BS1) Prepared: 07/30/2012 16:13 Analyzed: 07/31/2012 21:20

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

Duplicate (2G30034-DUP1) Prepared: 07/30/2012 16:13 Analyzed: 07/31/2012 21:20

Source: A204146-01

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

Batch 2H03006 - NO PREP

Blank (2H03006-BLK1) Prepared: 08/03/2012 08:22 Analyzed: 08/03/2012 09:09

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

LCS (2H03006-BS1) Prepared: 08/03/2012 08:22 Analyzed: 08/03/2012 09:12

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

Matrix Spike (2H03006-MS1) Prepared: 08/03/2012 08:22 Analyzed: 08/03/2012 09:39

Source: A204146-01

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

Matrix Spike Dup (2H03006-MSD1) Prepared: 08/03/2012 08:22 Analyzed: 08/03/2012 09:40

Source: A204146-01

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

FLAGS/NOTES AND DEFINITIONS

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

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 111
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: 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 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,Hg,Na,Pb,Sb,Tl,V; Ammonia 350.1,Phenols 420.1; Chloride 300,Nitrate as N 300,Sulfate 300,TDS SM2540C; Field Parameters

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: A204146

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	HI	NI	SI	I	-	Sample Comments
	MW-5	7/27/12	1018 0942 7/27/12	Grab	GW	6	X	X	X	X	X	
	MW-1	7/27/12	0942	Grab	GW	6	X	X	X	X	X	HNO_3 preserved container 72 pH
	MW-6	7/27/12	1044	Grab	GW	6	X	X	X	X	X	
	MW-7	7/27/12	1144	Grab	GW	6	X	X	X	X	X	
	MW-8	7/27/12	1109	Grab	GW	6	X	X	X	X	X	
	MW-9S	7/27/12	0915	Grab	GW	6	X	X	X	X	X	
	TRIP BLANK	—	—	—	O	2	X					O = DI WATER

<-- Total # of Containers

Sample Kit Prepared By: Shay Bryan	Date/Time: 1510 7-25-12	Relinquished By: Shay Bryan	Date/Time: 1510 7-25-12	Received By:	Date/Time: 7/25/12 1510
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 7/27/12 1300	Received By:	Date/Time: 7/27/12 1380
		Relinquished By:	Date/Time: 7/27/12 1355	Received By:	Date/Time: 7/27 1355
		Cooler #'s & Temps on Receipt: 7/27 1520 0°C 6458 2°		Labels Checked Upon Receipt: 7/27/12 1225 ✓ 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