SEMI-ANNUAL MONITORING REPORT

FIRST HALF 2013

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

PREPARED FOR:

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

PREPARED BY:

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

January 18, 2013

January 18, 2013

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the First Half of 2013
Friends Recycling C&D Landfill
Marion County, Florida

Dear Mr. Giunarelli:

Per your request, Enviro-Technologies, Inc. (ETI) has completed the semi-annual groundwater monitoring report for the first half of 2013 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 January 3, 2013, (date of the sample collection), ground water samples were collected from MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9S, shown in the Topographic Survey provided by Robert L. Rogers Engineering Co., Inc. All collected groundwater samples were delivered to Environmental Conservation Laboratories, Inc. (ENCO) for analyses.

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

GROUNDWATER ANALYTICAL RESULTS

Copies of the laboratory analytical results and chain-of-custody forms and a sample detection summary of the analytical results of each monitoring well for the January 3, 2013 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
Arsenic - Total	16.0	10	ug/L	EPA 6020A
Iron - Total	6090	300	ug/L	EPA 6020
Sulfate	380	250	mg/L	EPA 300.0
Total Dissolved Solids	1100	500	mg/L	SM182540C

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Benzene	1.6	1.0	ug/L	EPA 8260B
Iron - Total	20,700	300	ug/L	EPA 6020
Total Dissolved Solids	610	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	540	500	mg/L	SM18 2540C

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	7.5	2.8	mg/L	EPA 350.1
Iron - Total	15,700	300	ug/L	EPA 6020
Total Dissolved Solids	650	500	mg/L	SM18 2540C

MW-9S

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	620	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. The concentration levels in these monitoring wells was higher than the previous sampling event. The higher levels may be the result of the increased rainfall in recent months. Although these items may be the result of steel disposal, significant portions of Marion County are known for having iron in the water.

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, except for the Benzene in MW-5, 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.

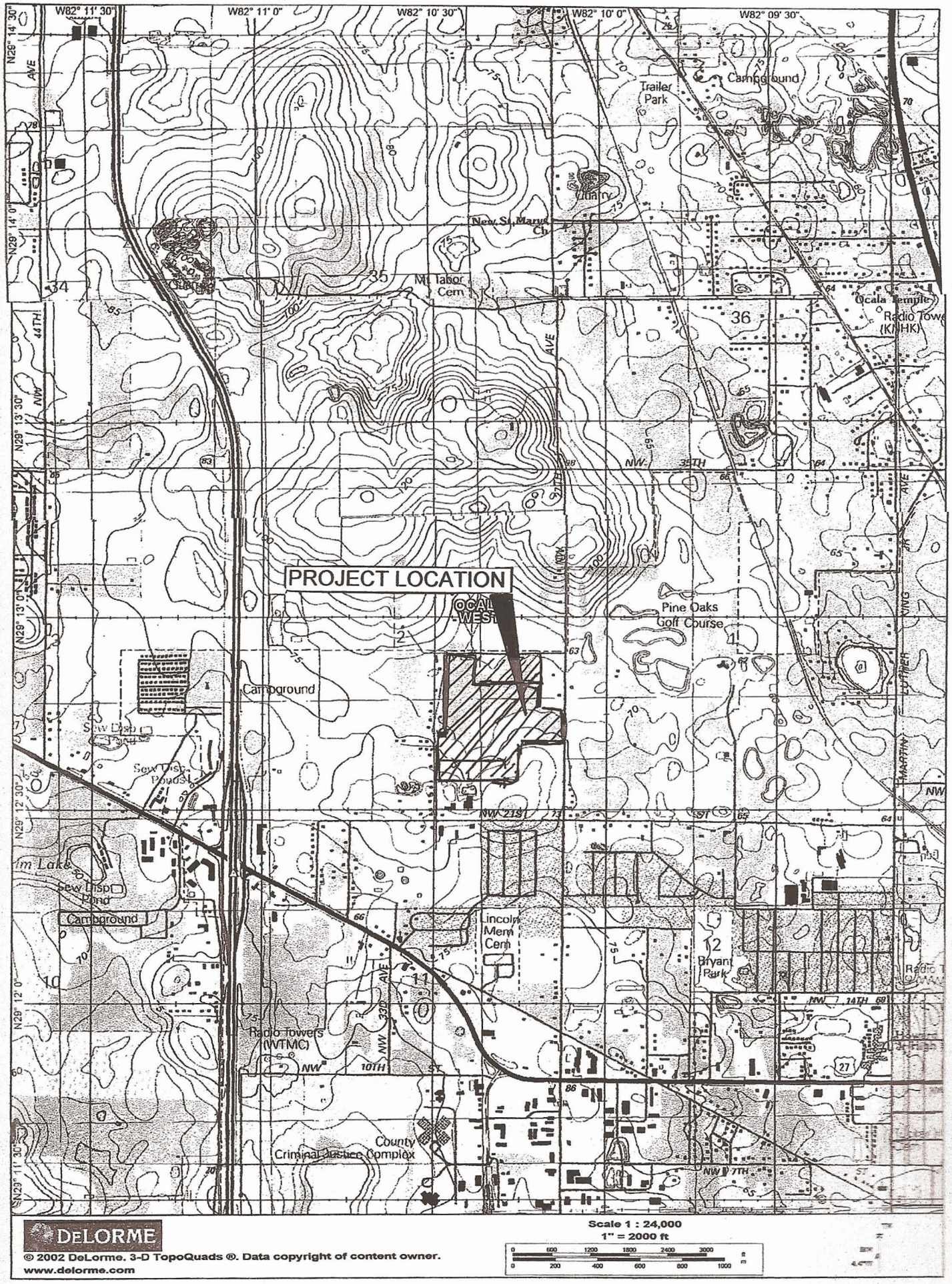
Sincerely,

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

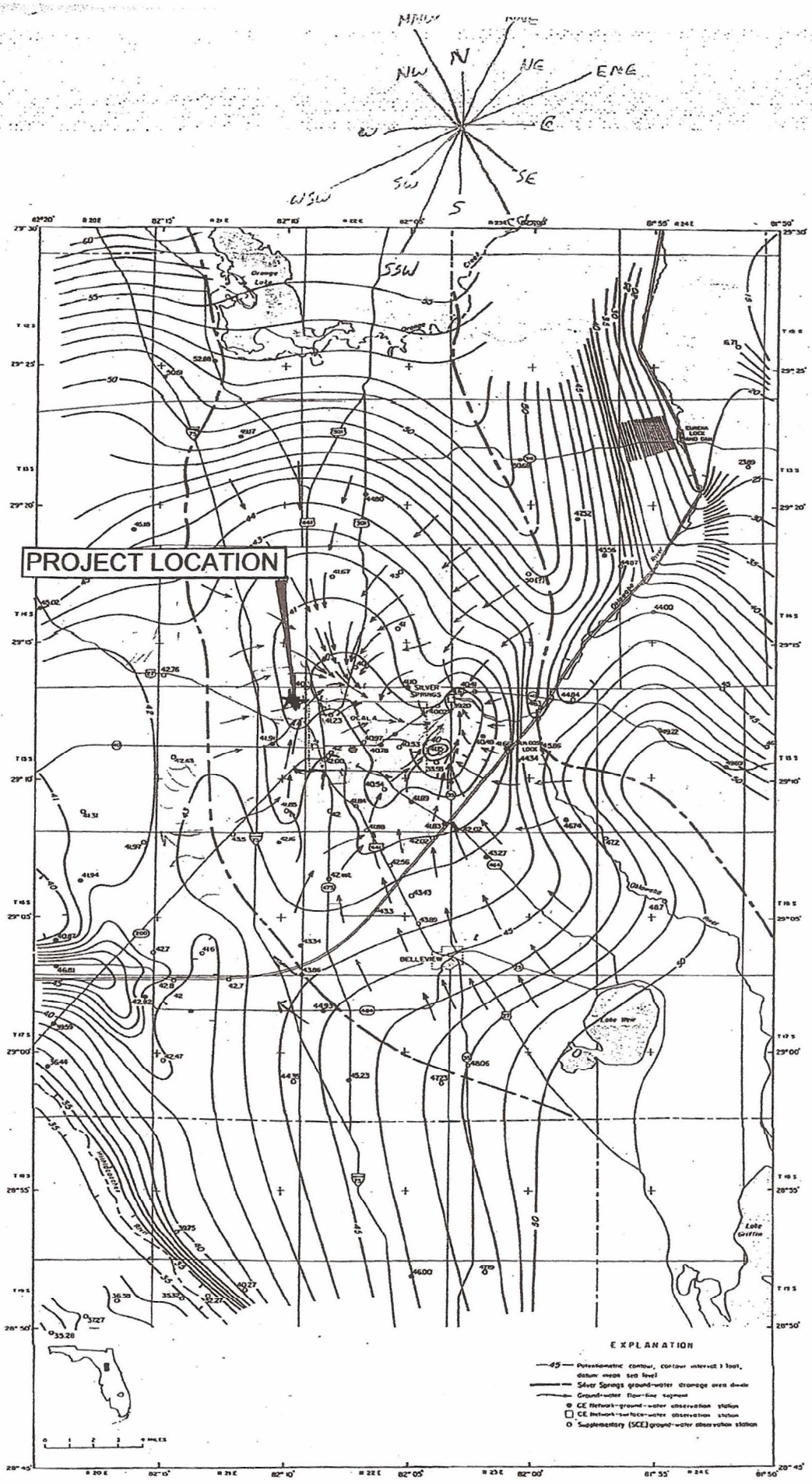


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

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:	01 / 03 / 13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 32.72	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 – 32.72 feet) X .16 gallons/foot = 1.72 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.50	PURGING INITIATED AT: 0946	PURGING ENDED AT: 0957	TOTAL VOLUME PURGED (gallons): 4.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0951	2.00	2.00	.40	32.78	6.67	25.19	1,528	.30	1.50	Clear	None
0954	1.20	3.20	.40	32.78	6.65	25.23	1,504	.31	1.00	Clear	None
0957	1.20	4.40	.40	32.78	6.65	25.21	1,486	.33	1.00	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: 0957	SAMPLING ENDED AT: 1004
PUMP OR TUBING DEPTH IN WELL (feet): 34.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-1	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-1	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-1	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135
MW-1	2	CG	40mL	4° C	None	Not Req'd	8011	ESP	≈ 100

REMARKS: 8011 added for permit renewal Slowed pump to sample

DTW = 32.72 Reference Elevation = 74.66 GWTE = 41.94 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Friends Recycling	SITE LOCATION:	Marion County, Florida
MONITORING_SITE_NUM: **MW-5**	WACS_WELL: 22912	DATE:	01 / 03 / 13

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	unk. feet to unk. feet	46.11	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (67.45 feet – 46.11 feet) X .16 gallons/foot = 3.41 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
48.00	48.00	1018	1034	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)
1028	3.50	3.50	.35	46.15	6.50	24.36	1,074	.30	2.30	Clear	None
1031	1.05	4.55	.35	46.15	6.50	24.39	1,072	.26	1.00	Clear	None
1034	1.05	5.60	.35	46.15	6.50	24.40	1,068	.23	.60	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		1034	1040

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

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
MW-5	2	CG	40mL	4° C	None	Not Req'd	8011	ESP	≈ 100

REMARKS: 8011 added for permit renewal

DTW = 46.11 Reference Elevation = 88.01 GWTE = 41.90 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Friends Recycling	SITE LOCATION:	Marion County, Florida
MONITORING_SITE_NUM: **MW-6**	WACS_WELL: 22913	DATE:	01 / 03 / 13

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	40 feet to 50 feet	36.02	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 – 36.02 feet) X .16 gallons/foot = 2.73 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
38.00	38.00	1046	1058	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)
1052	3.00	3.00	.50	36.53	6.84	23.23	730	1.18	6.20	Clear	None
1055	1.50	4.50	.50	36.53	6.84	23.23	731	1.21	5.70	Clear	None
1058	1.50	6.00	.50	36.53	6.84	23.23	730	1.21	5.00	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		1058	1105

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

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
MW-6	2	CG	40mL	4° C	None	Not Req'd	8011	ESP	≈ 100

REMARKS: 8011 added for permit renewal Slowed pump to sample

DTW = 36.02 Reference Elevation = 78.05 GWTE = 42.03 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Friends Recycling	SITE LOCATION:	Marion County, Florida
MONITORING_SITE_NUM: **MW-7**	WACS_WELL: 22914	DATE:	01 / 03 / 13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 41 feet to 51 feet	STATIC DEPTH TO WATER (feet): 46.78	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (53.80 feet – 46.78 feet) X .16 gallons/foot = 1.12 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 48.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49.50	PURGING INITIATED AT: 1144	PURGING ENDED AT: 1157	TOTAL VOLUME PURGED (gallons): 2.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1151	1.40	1.40	.20	48.06	6.64	24.44	782	.28	9.60	Clear	None
1154	.60	2.00	.20	48.06	6.67	24.35	800	.22	4.60	Clear	None
1157	.60	2.60	.20	48.06	6.68	24.50	818	.20	2.20	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1157	SAMPLING ENDED AT: 1205
PUMP OR TUBING DEPTH IN WELL (feet): 49.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-7	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-7	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 757
MW-7	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 757
MW-7	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 757
MW-7	2	CG	40mL	4° C	None	Not Req'd	8011	ESP	≈ 100

REMARKS: 8011 added for permit renewal

DTW = 46.78 Reference Elevation = 88.67 GWTE = 41.89 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Friends Recycling	SITE LOCATION:	Marion County, Florida
MONITORING_SITE_NUM: **MW-8**	WACS_WELL: 22915	DATE: 01 / 03 / 13	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 29.31	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 – 29.31 feet) X .16 gallons/foot = .79 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: 1114	PURGING ENDED AT: 1124	TOTAL VOLUME PURGED (gallons): 2.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1118	1.00	1.00	.25	29.37	6.53	24.78	1,131	.26	3.00	Clear	None
1121	.75	1.75	.25	29.37	6.53	24.80	1,122	.22	2.40	Clear	None
1124	.75	2.50	.25	29.37	6.53	24.80	1,116	.20	1.90	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1124	SAMPLING ENDED AT: 1132
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	≈ 946
MW-8	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 946
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 946
MW-8	2	CG	40mL	4° C	None	Not Req'd	8011	ESP	≈ 100

REMARKS: 8011 added for permit renewal while floating particles observed in purge water

DTW = 29.31 Reference Elevation = 71.17 GWTE = 41.86 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Friends Recycling	SITE LOCATION:	Marion County, Florida
MONITORING_SITE_NUM: **MW-9S**	WACS_WELL: 22916	DATE:	01 / 03 / 13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet	STATIC DEPTH TO WATER (feet): 26.98	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 – 26.98 feet) X .16 gallons/foot = .93 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: 0911	PURGING ENDED AT: 0923	TOTAL VOLUME PURGED (gallons): 4.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0917	2.40	2.40	.40	27.09	6.78	23.45	906	.46	570	Clear	None
0920	1.20	3.60	.40	27.09	6.78	23.46	907	.45	2.40	Clear	None
0923	1.20	4.80	.40	27.09	6.78	23.48	907	.46	1.60	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0923	SAMPLING ENDED AT: 0930
PUMP OR TUBING DEPTH IN WELL (feet): 28.50	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-9S	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-9S	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-9S	1	AG	250mL	H_2SO_4	None	<2	Ammonia (350.1) Phenols	ESP	≈ 1135
MW-9S	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135
MW-9S	2	CG	40mL	4° C	None	Not Req'd	8011	ESP	≈ 100

REMARKS: 8011 added for permit renewal slowed pump to sample

DTW = 26.98 Reference Elevation = 68.64 GWTE = 41.66 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-09-010313

CLIENT: Friends Recycling

ADDRESS: 2350 NW 27th Ave.

CITY, STATE: Ocala, Fl 34475

Site: Friends Recycling C&D Landfill

START CAL DATE @ TIME: 01/03/13 @ 0800

END CALIBRATION DATE @ TIME: 01/03/13 @ 1330

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.20

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

Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE
	INITIAL	CCV			
4.005	4.01	4.00		cc163104	Aug-13
7.000	7.00	6.99	7.00	cc148108	Oct-13
10.012	10.00	9.99		cc163104	Aug-14

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	4.90	4.95		NA	10/15/12
HIGH	30.50		30.52		10/15/12

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	.17	.16	2AA184	Jan-13
fresh air @				
17.82 °C	9.50			
18.31 °C		9.41		

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	2AF201	Jun-13
2,764	2,764	2,762	2AB743	Feb-13
447	NM	NM	NA	NA
84	84	84	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	NM	NM	2AJ047	Apr-13
400	NM	NM	2AE875	May-13

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	Nov-14
100	100	100	See Below	Nov-14
10	10	10	See Below	Nov-14
0.02	.02	.02	See Below	Nov-14

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 21155

Remarks: light rain/fog offandon

Weather Conditions: Overcast 60-65°F

Equipment Blank with D.I. water

Zephyr Hills brand Lot #090412248WF2330643BB

Exp Date 03/06/14

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 5.20 on 11/08/12: Update Cal Solutions and 400mv ORP

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

COPY TO: Nick Giumarelli

SIGNED: Chris Monaco or Karen LeBeau

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

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

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

www.encolabs.com

Client Name: 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 Giumarelli 1/3/13
Sampler(s) Name, Affiliation (Print): Chris Monaco Ideal Tech Services Inc.	Billing Contact: Nick Giumarelli
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: A207215

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8011	8260B Appendix 1 FL	Ag,Al,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Na,Ni,Pb,Sb,Se,Tl,V,Zn	Ammonia 350.1	Chloride 300	Nitrate as N 300	Phenols 420.1	Sulfate 300	TDS SM2540C		Sample Comments
							Preservation (See Codes) (Combine as necessary)										
							I	H	N	S	I	I	S	I	I		
	MW-1	1-3-13	1004	Grab	GW	8	X	X	X	X	X	X	X	X	X		
	MW-5	1-3-13	1040	Grab	GW	8	X	X	X	X	X	X	X	X	X		
	MW-6	1-3-13	1105	Grab	GW	8	X	X	X	X	X	X	X	X	X		
	MW-7	1-3-13	1205	Grab	GW	8	X	X	X	X	X	X	X	X	X		
	MW-8	1-3-13	1132	Grab	GW	8	X	X	X	X	X	X	X	X	X		
	MW-9S	1-3-13	0930	Grab	GW	8	X	X	X	X	X	X	X	X	X		
	trip blank	—	—	Grab	O	2	—	X	—	—	—	—	—	—	—		O=Lab DI water
	Added Trip on 1/3/13 at 1600																

<-- Total # of Containers

Sample Kit Prepared By: Shay Buya	Date/Time: 1200 12-28-12	Relinquished By: Shay Buya	Date/Time: 1200 12-28-12	Received By:	Date/Time: 1700 12-29-12
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 1-3-13 1245	Received By: Karen LeBeau	Date/Time: 1-3-13 1245
		Relinquished By: Karen LeBeau	Date/Time: 1-3-13 1350	Received By:	Date/Time: 1/3/13 1350
		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, January 10, 2013

Friends Recycling (FR008)

Attn: Nick Giumarelli

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): A207215

Dear Nick Giumarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, January 3, 2013.

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)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1 **Lab ID: A207215-01** **Sampled: 01/03/13 10:04** **Received: 01/03/13 15:00**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/05/13	10:04			01/03/13	10:25	1/3/2013	16:29
EPA 300.0	01/31/13				01/03/13	10:25	1/3/2013	16:29
EPA 350.1	01/31/13				01/04/13	08:17	1/4/2013	10:43
EPA 420.1	01/31/13				01/04/13	10:16	1/4/2013	15:50
EPA 6020A	07/02/13				01/04/13	12:03	1/7/2013	16:16
EPA 7470A	01/31/13				01/07/13	14:17	1/8/2013	07:45
EPA 8011	01/17/13		01/23/13		01/09/13	07:43	1/9/2013	11:23
EPA 8260B	01/17/13				01/04/13	09:42	1/4/2013	17:13
Field	01/03/13	10:18			01/03/13	10:04	1/3/2013	10:04
Field	01/04/13	10:04	01/04/13	10:04	01/03/13	10:04	1/3/2013	10:04
Field	01/05/13	10:04			01/03/13	10:04	1/3/2013	10:04
SM18 2540C	01/10/13				01/06/13	05:11	1/7/2013	22:15

Client ID: MW-1 **Lab ID: A207215-01RE1** **Sampled: 01/03/13 10:04** **Received: 01/03/13 15:00**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/31/13	01/03/13	10:25	1/3/2013	18:20

Client ID: MW-5 **Lab ID: A207215-02** **Sampled: 01/03/13 10:40** **Received: 01/03/13 15:00**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/05/13	10:40			01/03/13	10:25	1/3/2013	16:45
EPA 300.0	01/31/13				01/03/13	10:25	1/3/2013	16:45
EPA 350.1	01/31/13				01/04/13	08:17	1/4/2013	10:49
EPA 420.1	01/31/13				01/04/13	10:16	1/4/2013	15:50
EPA 6020A	07/02/13				01/04/13	12:03	1/7/2013	17:54
EPA 6020A	07/02/13				01/04/13	12:03	1/7/2013	18:02
EPA 7470A	01/31/13				01/07/13	14:17	1/8/2013	07:48
EPA 8011	01/17/13		01/23/13		01/09/13	07:43	1/9/2013	11:39
EPA 8260B	01/17/13				01/04/13	09:42	1/4/2013	17:43
Field	01/03/13	10:54			01/03/13	10:40	1/3/2013	10:40
Field	01/04/13	10:40	01/04/13	10:40	01/03/13	10:40	1/3/2013	10:40
Field	01/05/13	10:40			01/03/13	10:40	1/3/2013	10:40
SM18 2540C	01/10/13				01/06/13	05:11	1/7/2013	22:15

Client ID: MW-6 **Lab ID: A207215-03** **Sampled: 01/03/13 11:05** **Received: 01/03/13 15:00**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/05/13	11:05			01/03/13	10:25	1/3/2013	17:01
EPA 300.0	01/31/13				01/03/13	10:25	1/3/2013	17:01
EPA 350.1	01/31/13				01/04/13	08:17	1/4/2013	10:50
EPA 420.1	01/31/13				01/04/13	10:16	1/4/2013	15:50
EPA 6020A	07/02/13				01/04/13	12:03	1/7/2013	18:09
EPA 7470A	01/31/13				01/07/13	14:17	1/8/2013	07:51
EPA 8011	01/17/13		01/23/13		01/09/13	07:43	1/9/2013	11:56
EPA 8260B	01/17/13				01/04/13	09:42	1/4/2013	18:14
Field	01/03/13	11:19			01/03/13	11:05	1/3/2013	11:05
Field	01/04/13	11:05	01/04/13	11:05	01/03/13	11:05	1/3/2013	11:05
Field	01/05/13	11:05			01/03/13	11:05	1/3/2013	11:05
SM18 2540C	01/10/13				01/06/13	05:11	1/7/2013	22:15

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-7 **Lab ID: A207215-04** **Sampled: 01/03/13 12:05** **Received: 01/03/13 15:00**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/05/13	12:05			01/03/13	10:25	1/3/2013	17:16
EPA 300.0	01/31/13				01/03/13	10:25	1/3/2013	17:16
EPA 350.1	01/31/13				01/04/13	08:17	1/4/2013	10:52
EPA 420.1	01/31/13				01/04/13	10:16	1/4/2013	15:50
EPA 6020A	07/02/13				01/04/13	12:03	1/7/2013	18:16
EPA 7470A	01/31/13				01/07/13	14:17	1/8/2013	07:55
EPA 8011	01/17/13		01/23/13		01/09/13	07:43	1/9/2013	12:13
EPA 8260B	01/17/13				01/04/13	09:42	1/4/2013	18:45
Field	01/03/13	12:19			01/03/13	12:05	1/3/2013	12:05
Field	01/04/13	12:05	01/04/13	12:05	01/03/13	12:05	1/3/2013	12:05
Field	01/05/13	12:05			01/03/13	12:05	1/3/2013	12:05
SM18 2540C	01/10/13				01/06/13	05:11	1/7/2013	22:15

Client ID: MW-8 **Lab ID: A207215-05** **Sampled: 01/03/13 11:32** **Received: 01/03/13 15:00**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/05/13	11:32			01/03/13	10:25	1/3/2013	17:32
EPA 300.0	01/31/13				01/03/13	10:25	1/3/2013	17:32
EPA 350.1	01/31/13				01/04/13	08:17	1/4/2013	11:14
EPA 420.1	01/31/13				01/04/13	10:16	1/4/2013	15:50
EPA 6020A	07/02/13				01/04/13	12:03	1/7/2013	18:23
EPA 6020A	07/02/13				01/04/13	12:03	1/7/2013	18:31
EPA 7470A	01/31/13				01/07/13	14:17	1/8/2013	07:58
EPA 8011	01/17/13		01/23/13		01/09/13	07:43	1/9/2013	12:47
EPA 8260B	01/17/13				01/04/13	09:42	1/4/2013	19:17
Field	01/03/13	11:46			01/03/13	11:32	1/3/2013	11:32
Field	01/04/13	11:32	01/04/13	11:32	01/03/13	11:32	1/3/2013	11:32
Field	01/05/13	11:32			01/03/13	11:32	1/3/2013	11:32
SM18 2540C	01/10/13				01/06/13	05:11	1/7/2013	22:15

Client ID: MW-9S **Lab ID: A207215-06** **Sampled: 01/03/13 09:30** **Received: 01/03/13 15:00**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/05/13	09:30			01/03/13	10:25	1/3/2013	17:48
EPA 300.0	01/31/13				01/03/13	10:25	1/3/2013	17:48
EPA 350.1	01/31/13				01/04/13	08:17	1/4/2013	10:54
EPA 420.1	01/31/13				01/04/13	10:16	1/4/2013	15:50
EPA 6020A	07/02/13				01/04/13	12:03	1/7/2013	18:38
EPA 7470A	01/31/13				01/07/13	14:17	1/8/2013	08:01
EPA 8011	01/17/13		01/23/13		01/09/13	07:43	1/9/2013	13:15
EPA 8260B	01/17/13				01/04/13	09:42	1/4/2013	19:47
Field	01/03/13	09:44			01/03/13	09:30	1/3/2013	09:30
Field	01/04/13	09:30	01/04/13	09:30	01/03/13	09:30	1/3/2013	09:30
Field	01/05/13	09:30			01/03/13	09:30	1/3/2013	09:30
SM18 2540C	01/10/13				01/06/13	05:11	1/7/2013	22:15

Client ID: TRIP BLANK **Lab ID: A207215-07** **Sampled: 01/03/13 00:00** **Received: 01/03/13 15:00**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8260B	01/17/13	01/04/13	09:42	1/4/2013	20:18

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SAMPLE DETECTION SUMMARY

Client ID: MW-1 **Lab ID: A207215-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	2.8		0.015	0.040	mg/L	EPA 350.1	
Antimony - Total	1.24	I	1.10	20.0	ug/L	EPA 6020A	
Arsenic - Total	16.0		6.10	10.0	ug/L	EPA 6020A	
Chloride	25		0.29	5.0	mg/L	EPA 300.0	
Cobalt - Total	13.8		2.10	10.0	ug/L	EPA 6020A	
Dissolved Oxygen	0.33		0.00	0.00	mg/L	Field	
Iron - Total	6090		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0278	I	0.0230	0.200	ug/L	EPA 7470A	
Nickel - Total	22.6		3.20	10.0	ug/L	EPA 6020A	
Nitrate as N	0.061	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.65				pH Units	Field	
Sodium - Total	43.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1486		0	0	umhos/cm	Field	
Temperature	25.21		0.00	0.00	°C	Field	
Total Dissolved Solids	1100		10	10	mg/L	SM18 2540C	
Turbidity	1.00		0.00	0.00	NTU	Field	
Water Elevation	41.94				Ft	Field	
Zinc - Total	117		16.0	50.0	ug/L	EPA 6020A	O-01

Client ID: MW-1 **Lab ID: A207215-01RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sulfate	380		0.33	25	mg/L	EPA 300.0	

Client ID: MW-5 **Lab ID: A207215-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.1		0.0073	0.020	mg/L	EPA 350.1	
Benzene	1.6		0.71	1.0	ug/L	EPA 8260B	
Chloride	4.4	I	0.29	5.0	mg/L	EPA 300.0	
Copper - Total	3.02	I	2.20	10.0	ug/L	EPA 6020A	
Dissolved Oxygen	0.23		0.00	0.00	mg/L	Field	
Iron - Total	20700		380	500	ug/L	EPA 6020A	
m,p-Xylenes	2.4		1.3	2.0	ug/L	EPA 8260B	
Nickel - Total	12.7		3.20	10.0	ug/L	EPA 6020A	
o-Xylene	1.8		0.53	1.0	ug/L	EPA 8260B	
pH	6.50				pH Units	Field	
Sodium - Total	4.99		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1068		0	0	umhos/cm	Field	
Sulfate	0.69	I	0.07	5.0	mg/L	EPA 300.0	
Temperature	24.40		0.00	0.00	°C	Field	
Toluene	2.1		0.72	1.0	ug/L	EPA 8260B	
Total Dissolved Solids	610		10	10	mg/L	SM18 2540C	
Turbidity	0.60		0.00	0.00	NTU	Field	
Water Elevation	41.90				Ft	Field	
Xylenes (Total)	4.2		1.3	2.0	ug/L	EPA 8260B	

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SAMPLE DETECTION SUMMARY

Client ID: MW-6 **Lab ID: A207215-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	1.9	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	1.21		0.00	0.00	mg/L	Field	
Mercury - Total	0.0403	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.51	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.84				pH Units	Field	
Sodium - Total	4.16		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	730		0	0	umhos/cm	Field	
Sulfate	14		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.23		0.00	0.00	°C	Field	
Total Dissolved Solids	460		10	10	mg/L	SM18 2540C	
Turbidity	5.00		0.00	0.00	NTU	Field	
Water Elevation	42.03				Ft	Field	

Client ID: MW-7 **Lab ID: A207215-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	121		68.0	100	ug/L	EPA 6020A	
Ammonia as N	0.031		0.0073	0.020	mg/L	EPA 350.1	
Chloride	8.3		0.29	5.0	mg/L	EPA 300.0	
Copper - Total	5.05	I	2.20	10.0	ug/L	EPA 6020A	
Dissolved Oxygen	0.20		0.00	0.00	mg/L	Field	
Iron - Total	181		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.176	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	6.4		0.052	1.0	mg/L	EPA 300.0	
pH	6.68				pH Units	Field	
Sodium - Total	11.0		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	818		0	0	umhos/cm	Field	
Sulfate	38		0.07	5.0	mg/L	EPA 300.0	
Temperature	24.50		0.00	0.00	°C	Field	
Total Dissolved Solids	540		10	10	mg/L	SM18 2540C	
Turbidity	2.20		0.00	0.00	NTU	Field	
Vanadium - Total	12.4		2.00	10.0	ug/L	EPA 6020A	
Water Elevation	41.89				Ft	Field	

Client ID: MW-8 **Lab ID: A207215-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	7.5		0.036	0.10	mg/L	EPA 350.1	
Arsenic - Total	7.96	I	6.10	10.0	ug/L	EPA 6020A	
Chloride	23		0.29	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	1.0		0.53	1.0	ug/L	EPA 8260B	
Cobalt - Total	5.56	I	2.10	10.0	ug/L	EPA 6020A	
Copper - Total	3.10	I	2.20	10.0	ug/L	EPA 6020A	
Dissolved Oxygen	0.20		0.00	0.00	mg/L	Field	
Iron - Total	15700		380	500	ug/L	EPA 6020A	
Nickel - Total	14.9		3.20	10.0	ug/L	EPA 6020A	
pH	6.53				pH Units	Field	
Sodium - Total	18.3		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1116		0	0	umhos/cm	Field	
Sulfate	2.2	I	0.07	5.0	mg/L	EPA 300.0	
Temperature	24.80		0.00	0.00	°C	Field	
Total Dissolved Solids	650		10	10	mg/L	SM18 2540C	
Turbidity	1.90		0.00	0.00	NTU	Field	
Water Elevation	41.86				Ft	Field	

SAMPLE DETECTION SUMMARY

Client ID: MW-9S **Lab ID:** A207215-06

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	29		0.29	5.0	mg/L	EPA 300.0	
Copper - Total	4.03	I	2.20	10.0	ug/L	EPA 6020A	
Dissolved Oxygen	0.46		0.00	0.00	mg/L	Field	
Nitrate as N	0.20	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.78				pH Units	Field	
Sodium - Total	11.8		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	907		0	0	umhos/cm	Field	
Sulfate	93		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.48		0.00	0.00	°C	Field	
Total Dissolved Solids	620		10	10	mg/L	SM18 2540C	
Turbidity	1.60		0.00	0.00	NTU	Field	
Vanadium - Total	4.06	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	41.66				Ft	Field	

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ANALYTICAL RESULTS

Description: MW-1 **Lab Sample ID:** A207215-01 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 10:04 **Work Order:** A207215

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3A04003	EPA 8260B	01/04/13 17:13	kat	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 17:13	kat	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 17:13	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*41-142*	*3A04003*	*EPA 8260B*	*01/04/13 17:13*	*kat*	
Dibromofluoromethane	*37*	*1*	*50.0*	*75 %*	*53-146*	*3A04003*	*EPA 8260B*	*01/04/13 17:13*	*kat*	

ANALYTICAL RESULTS

Description: MW-1 **Lab Sample ID:** A207215-01 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 10:04 **Work Order:** A207215

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Toluene-d8	*46*	*1*	*50.0*	*91 %*	*41-146*		*3A04003*	*EPA 8260B*	*01/04/13 17:13*	*kat*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3A09005	EPA 8011	01/09/13 11:23	JJB	
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3A09005	EPA 8011	01/09/13 11:23	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.28*	*1*	*0.250*	*113 %*	*70-130*	*3A09005*	*EPA 8011*	*01/09/13 11:23*	*JJB*	

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]^	**0.0278**	I	ug/L	1	0.0230	0.200	3A02006	EPA 7470A	01/08/13 07:45	JMA	

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	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Antimony [7440-36-0]^	**1.24**	I	ug/L	1	1.10	20.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Arsenic [7440-38-2]^	**16.0**		ug/L	1	6.10	10.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3A03028	EPA 6020A	01/07/13 16:16	JMA	QV-01
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Cobalt [7440-48-4]^	**13.8**		ug/L	1	2.10	10.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Iron [7439-89-6]^	**6090**		ug/L	1	38.0	50.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Nickel [7440-02-0]^	**22.6**		ug/L	1	3.20	10.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Sodium [7440-23-5]^	**43.9**		mg/L	1	0.320	1.00	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	
Zinc [7440-66-6]^	**117**		ug/L	1	16.0	50.0	3A03028	EPA 6020A	01/07/13 16:16	JMA	O-01

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	**2.8**		mg/L	2	0.015	0.040	3A04002	EPA 350.1	01/04/13 10:43	KGonz	
Chloride [16887-00-6]^	**25**		mg/L	1	0.29	5.0	3A03005	EPA 300.0	01/03/13 16:29	RSA	
Nitrate as N [14797-55-8]^	**0.061**	I	mg/L	1	0.052	1.0	3A03005	EPA 300.0	01/03/13 16:29	RSA	
Phenolics [ECL-0123]^	20	U	ug/L	1	20	50	3A04006	EPA 420.1	01/04/13 15:50	RMM	
Sulfate [14808-79-8]^	**380**		mg/L	5	0.33	25	3A03005	EPA 300.0	01/03/13 18:20	RSA	
Total Dissolved Solids [ECL-0156]^	**1100**		mg/L	1	10	10	3A06001	SM18 2540C	01/07/13 22:15	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes

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ANALYTICAL RESULTS

Description: MW-1 **Lab Sample ID:** A207215-01 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 10:04 **Work Order:** A207215

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.33**		mg/L	1	0.00	0.00	3A04024	Field	01/03/13 10:04	FLD	
pH [ECL-0062]	**6.65**		pH Units	1			3A04024	Field	01/03/13 10:04	FLD	
Specific Conductance (EC) [ECL-0146]	**1486**		umhos/cm	1	0	0	3A04024	Field	01/03/13 10:04	FLD	
Temperature [ECL-0151]	**25.21**		°C	1	0.00	0.00	3A04024	Field	01/03/13 10:04	FLD	
Turbidity [ECL-0177]	**1.00**		NTU	1	0.00	0.00	3A04024	Field	01/03/13 10:04	FLD	
Water Elevation [ECL-0180]	**41.94**		Ft	1			3A04024	Field	01/03/13 10:04	FLD	

ANALYTICAL RESULTS

Description: MW-5 **Lab Sample ID:** A207215-02 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 10:40 **Work Order:** A207215

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3A04003	EPA 8260B	01/04/13 17:43	kat	
Benzene [71-43-2]^	**1.6**		ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
m,p-Xylenes [108-38-3/106-42-3]^	**2.4**		ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
o-Xylene [95-47-6]^	**1.8**		ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Toluene [108-88-3]^	**2.1**		ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 17:43	kat	
Xylenes (Total) [1330-20-7]^	**4.2**		ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 17:43	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*83 %*	*41-142*	*3A04003*	*EPA 8260B*	*01/04/13 17:43*	*kat*	
Dibromofluoromethane	*36*	*1*	*50.0*	*72 %*	*53-146*	*3A04003*	*EPA 8260B*	*01/04/13 17:43*	*kat*	

ANALYTICAL RESULTS

Description: MW-5 **Lab Sample ID:** A207215-02 **Received:** 01/03/13 15:00
Matrix: Ground Water **Sampled:** 01/03/13 10:40 **Work Order:** A207215
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING **Sampled By:** Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Toluene-d8	*45*	*1*	*50.0*	*89 %*	*41-146*		*3A04003*	*EPA 8260B*	*01/04/13 17:43*	*kat*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3A09005	EPA 8011	01/09/13 11:39	JJB	
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3A09005	EPA 8011	01/09/13 11:39	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.29*	*1*	*0.250*	*115 %*	*70-130*	*3A09005*	*EPA 8011*	*01/09/13 11:39*	*JJB*	

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	3A02006	EPA 7470A	01/08/13 07:48	JMA	

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	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3A03028	EPA 6020A	01/07/13 17:54	JMA	QV-01
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Copper [7440-50-8]^	**3.02**	I	ug/L	1	2.20	10.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Iron [7439-89-6]^	**20700**		ug/L	10	380	500	3A03028	EPA 6020A	01/07/13 18:02	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Nickel [7440-02-0]^	**12.7**		ug/L	1	3.20	10.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Sodium [7440-23-5]^	**4.99**		mg/L	1	0.320	1.00	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3A03028	EPA 6020A	01/07/13 17:54	JMA	

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]^	**1.1**		mg/L	1	0.0073	0.020	3A04002	EPA 350.1	01/04/13 10:49	KGonz	
Chloride [16887-00-6]^	**4.4**	I	mg/L	1	0.29	5.0	3A03005	EPA 300.0	01/03/13 16:45	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	3A03005	EPA 300.0	01/03/13 16:45	RSA	
Phenolics [ECL-0123]^	20	U	ug/L	1	20	50	3A04006	EPA 420.1	01/04/13 15:50	RMM	
Sulfate [14808-79-8]^	**0.69**	I	mg/L	1	0.07	5.0	3A03005	EPA 300.0	01/03/13 16:45	RSA	
Total Dissolved Solids [ECL-0156]^	**610**		mg/L	1	10	10	3A06001	SM18 2540C	01/07/13 22:15	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes

ANALYTICAL RESULTS

Description: MW-5 **Lab Sample ID:** A207215-02 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 10:40 **Work Order:** A207215

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.23**		mg/L	1	0.00	0.00	3A04024	Field	01/03/13 10:40	FLD	
pH [ECL-0062]	**6.50**		pH Units	1			3A04024	Field	01/03/13 10:40	FLD	
Specific Conductance (EC) [ECL-0146]	**1068**		umhos/cm	1	0	0	3A04024	Field	01/03/13 10:40	FLD	
Temperature [ECL-0151]	**24.40**		°C	1	0.00	0.00	3A04024	Field	01/03/13 10:40	FLD	
Turbidity [ECL-0177]	**0.60**		NTU	1	0.00	0.00	3A04024	Field	01/03/13 10:40	FLD	
Water Elevation [ECL-0180]	**41.90**		Ft	1			3A04024	Field	01/03/13 10:40	FLD	

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** A207215-03 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 11:05 **Work Order:** A207215

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3A04003	EPA 8260B	01/04/13 18:14	kat	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 18:14	kat	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 18:14	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*41-142*	*3A04003*	*EPA 8260B*	*01/04/13 18:14*	*kat*	
Dibromofluoromethane	*36*	*1*	*50.0*	*73 %*	*53-146*	*3A04003*	*EPA 8260B*	*01/04/13 18:14*	*kat*	

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** A207215-03 **Received:** 01/03/13 15:00
Matrix: Ground Water **Sampled:** 01/03/13 11:05 **Work Order:** A207215
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING **Sampled By:** Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Toluene-d8	*45*	*1*	*50.0*	*91 %*	*41-146*		*3A04003*	*EPA 8260B*	*01/04/13 18:14*	*kat*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3A09005	EPA 8011	01/09/13 11:56	JJB	
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3A09005	EPA 8011	01/09/13 11:56	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.31*	*1*	*0.250*	*122 %*	*70-130*	*3A09005*	*EPA 8011*	*01/09/13 11:56*	*JJB*	

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]^	**0.0403**	I	ug/L	1	0.0230	0.200	3A02006	EPA 7470A	01/08/13 07:51	JMA	

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	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3A03028	EPA 6020A	01/07/13 18:09	JMA	QV-01
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Sodium [7440-23-5]^	**4.16**		mg/L	1	0.320	1.00	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3A03028	EPA 6020A	01/07/13 18:09	JMA	

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	3A04002	EPA 350.1	01/04/13 10:50	KGonz	
Chloride [16887-00-6]^	**1.9**	I	mg/L	1	0.29	5.0	3A03005	EPA 300.0	01/03/13 17:01	RSA	
Nitrate as N [14797-55-8]^	**0.51**	I	mg/L	1	0.052	1.0	3A03005	EPA 300.0	01/03/13 17:01	RSA	
Phenolics [ECL-0123]^	20	U	ug/L	1	20	50	3A04006	EPA 420.1	01/04/13 15:50	RMM	
Sulfate [14808-79-8]^	**14**		mg/L	1	0.07	5.0	3A03005	EPA 300.0	01/03/13 17:01	RSA	
Total Dissolved Solids [ECL-0156]^	**460**		mg/L	1	10	10	3A06001	SM18 2540C	01/07/13 22:15	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** A207215-03 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 11:05 **Work Order:** A207215

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**1.21**		mg/L	1	0.00	0.00	3A04024	Field	01/03/13 11:05	FLD	
pH [ECL-0062]	**6.84**		pH Units	1			3A04024	Field	01/03/13 11:05	FLD	
Specific Conductance (EC) [ECL-0146]	**730**		umhos/cm	1	0	0	3A04024	Field	01/03/13 11:05	FLD	
Temperature [ECL-0151]	**23.23**		°C	1	0.00	0.00	3A04024	Field	01/03/13 11:05	FLD	
Turbidity [ECL-0177]	**5.00**		NTU	1	0.00	0.00	3A04024	Field	01/03/13 11:05	FLD	
Water Elevation [ECL-0180]	**42.03**		Ft	1			3A04024	Field	01/03/13 11:05	FLD	

ANALYTICAL RESULTS

Description: MW-7 **Lab Sample ID:** A207215-04 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 12:05 **Work Order:** A207215

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3A04003	EPA 8260B	01/04/13 18:45	kat	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 18:45	kat	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 18:45	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*41-142*	*3A04003*	*EPA 8260B*	*01/04/13 18:45*	*kat*	
Dibromofluoromethane	*36*	*1*	*50.0*	*71 %*	*53-146*	*3A04003*	*EPA 8260B*	*01/04/13 18:45*	*kat*	

ANALYTICAL RESULTS

Description: MW-7 **Lab Sample ID:** A207215-04 **Received:** 01/03/13 15:00
Matrix: Ground Water **Sampled:** 01/03/13 12:05 **Work Order:** A207215
Project: FRIENDS RECYCLING FORMERLY OCALA RECYCLING **Sampled By:** Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Toluene-d8	*45*	*1*	*50.0*	*91 %*	*41-146*		*3A04003*	*EPA 8260B*	*01/04/13 18:45*	*kat*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3A09005	EPA 8011	01/09/13 12:13	JJB	
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3A09005	EPA 8011	01/09/13 12:13	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.31*	*1*	*0.250*	*125 %*	*70-130*	*3A09005*	*EPA 8011*	*01/09/13 12:13*	*JJB*	

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]^	**0.176**	I	ug/L	1	0.0230	0.200	3A02006	EPA 7470A	01/08/13 07:55	JMA	

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]^	**121**		ug/L	1	68.0	100	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3A03028	EPA 6020A	01/07/13 18:16	JMA	QV-01
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Copper [7440-50-8]^	**5.05**	I	ug/L	1	2.20	10.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Iron [7439-89-6]^	**181**		ug/L	1	38.0	50.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Sodium [7440-23-5]^	**11.0**		mg/L	1	0.320	1.00	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Vanadium [7440-62-2]^	**12.4**		ug/L	1	2.00	10.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3A03028	EPA 6020A	01/07/13 18:16	JMA	

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]^	**0.031**		mg/L	1	0.0073	0.020	3A04002	EPA 350.1	01/04/13 10:52	KGonz	
Chloride [16887-00-6]^	**8.3**		mg/L	1	0.29	5.0	3A03005	EPA 300.0	01/03/13 17:16	RSA	
Nitrate as N [14797-55-8]^	**6.4**		mg/L	1	0.052	1.0	3A03005	EPA 300.0	01/03/13 17:16	RSA	
Phenolics [ECL-0123]^	20	U	ug/L	1	20	50	3A04006	EPA 420.1	01/04/13 15:50	RMM	
Sulfate [14808-79-8]^	**38**		mg/L	1	0.07	5.0	3A03005	EPA 300.0	01/03/13 17:16	RSA	
Total Dissolved Solids [ECL-0156]^	**540**		mg/L	1	10	10	3A06001	SM18 2540C	01/07/13 22:15	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes

ANALYTICAL RESULTS

Description: MW-7 **Lab Sample ID:** A207215-04 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 12:05 **Work Order:** A207215

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.20**		mg/L	1	0.00	0.00	3A04024	Field	01/03/13 12:05	FLD	
pH [ECL-0062]	**6.68**		pH Units	1			3A04024	Field	01/03/13 12:05	FLD	
Specific Conductance (EC) [ECL-0146]	**818**		umhos/cm	1	0	0	3A04024	Field	01/03/13 12:05	FLD	
Temperature [ECL-0151]	**24.50**		°C	1	0.00	0.00	3A04024	Field	01/03/13 12:05	FLD	
Turbidity [ECL-0177]	**2.20**		NTU	1	0.00	0.00	3A04024	Field	01/03/13 12:05	FLD	
Water Elevation [ECL-0180]	**41.89**		Ft	1			3A04024	Field	01/03/13 12:05	FLD	

ANALYTICAL RESULTS

Description: MW-8 **Lab Sample ID:** A207215-05 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 11:32 **Work Order:** A207215

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3A04003	EPA 8260B	01/04/13 19:17	kat	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
cis-1,2-Dichloroethene [156-59-2]^	**1.0**		ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 19:17	kat	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 19:17	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*41-142*	*3A04003*	*EPA 8260B*	*01/04/13 19:17*	*kat*	
Dibromofluoromethane	*36*	*1*	*50.0*	*72 %*	*53-146*	*3A04003*	*EPA 8260B*	*01/04/13 19:17*	*kat*	

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ANALYTICAL RESULTS

Description: MW-8 **Lab Sample ID:** A207215-05 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 11:32 **Work Order:** A207215

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

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Toluene-d8	*44*	*1*	*50.0*	*89 %*	*41-146*		*3A04003*	*EPA 8260B*	*01/04/13 19:17*	*kat*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3A09005	EPA 8011	01/09/13 12:47	JJB	
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3A09005	EPA 8011	01/09/13 12:47	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.27*	*1*	*0.250*	*107 %*	*70-130*	*3A09005*	*EPA 8011*	*01/09/13 12:47*	*JJB*	

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	3A02006	EPA 7470A	01/08/13 07:58	JMA	

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	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Arsenic [7440-38-2]^	**7.96**	I	ug/L	1	6.10	10.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3A03028	EPA 6020A	01/07/13 18:23	JMA	QV-01
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Cobalt [7440-48-4]^	**5.56**	I	ug/L	1	2.10	10.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Copper [7440-50-8]^	**3.10**	I	ug/L	1	2.20	10.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Iron [7439-89-6]^	**15700**		ug/L	10	380	500	3A03028	EPA 6020A	01/07/13 18:31	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Nickel [7440-02-0]^	**14.9**		ug/L	1	3.20	10.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Sodium [7440-23-5]^	**18.3**		mg/L	1	0.320	1.00	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3A03028	EPA 6020A	01/07/13 18:23	JMA	

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]^	**7.5**		mg/L	5	0.036	0.10	3A04002	EPA 350.1	01/04/13 11:14	KGonz	
Chloride [16887-00-6]^	**23**		mg/L	1	0.29	5.0	3A03005	EPA 300.0	01/03/13 17:32	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	3A03005	EPA 300.0	01/03/13 17:32	RSA	
Phenolics [ECL-0123]^	20	U	ug/L	1	20	50	3A04006	EPA 420.1	01/04/13 15:50	RMM	
Sulfate [14808-79-8]^	**2.2**	I	mg/L	1	0.07	5.0	3A03005	EPA 300.0	01/03/13 17:32	RSA	
Total Dissolved Solids [ECL-0156]^	**650**		mg/L	1	10	10	3A06001	SM18 2540C	01/07/13 22:15	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes

ANALYTICAL RESULTS

Description: MW-8 **Lab Sample ID:** A207215-05 **Received:** 01/03/13 15:00

Matrix: Ground Water **Sampled:** 01/03/13 11:32 **Work Order:** A207215

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

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.20**		mg/L	1	0.00	0.00	3A04024	Field	01/03/13 11:32	FLD	
pH [ECL-0062]	**6.53**		pH Units	1			3A04024	Field	01/03/13 11:32	FLD	
Specific Conductance (EC) [ECL-0146]	**1116**		umhos/cm	1	0	0	3A04024	Field	01/03/13 11:32	FLD	
Temperature [ECL-0151]	**24.80**		°C	1	0.00	0.00	3A04024	Field	01/03/13 11:32	FLD	
Turbidity [ECL-0177]	**1.90**		NTU	1	0.00	0.00	3A04024	Field	01/03/13 11:32	FLD	
Water Elevation [ECL-0180]	**41.86**		Ft	1			3A04024	Field	01/03/13 11:32	FLD	

ANALYTICAL RESULTS

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

Lab Sample ID: A207215-06
Sampled: 01/03/13 09:30
Sampled By: Chris Monaco

Received: 01/03/13 15:00
Work Order: A207215

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
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3A04003	EPA 8260B	01/04/13 19:47	kat	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 19:47	kat	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 19:47	kat	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*83 %*	*41-142*	*3A04003*	*EPA 8260B*	*01/04/13 19:47*	*kat*	
Dibromofluoromethane	*37*	*1*	*50.0*	*74 %*	*53-146*	*3A04003*	*EPA 8260B*	*01/04/13 19:47*	*kat*	

ANALYTICAL RESULTS

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

Lab Sample ID: A207215-06
Sampled: 01/03/13 09:30
Sampled By: Chris Monaco

Received: 01/03/13 15:00
Work Order: A207215

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
Toluene-d8	*45*	*1*	*50.0*	*90 %*	*41-146*		*3A04003*	*EPA 8260B*	*01/04/13 19:47*	*kat*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.004	U	ug/L	1	0.004	0.020	3A09005	EPA 8011	01/09/13 13:15	JJB	
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3A09005	EPA 8011	01/09/13 13:15	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.29*	*1*	*0.250*	*118 %*	*70-130*	*3A09005*	*EPA 8011*	*01/09/13 13:15*	*JJB*	

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	3A02006	EPA 7470A	01/08/13 08:01	JMA	

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	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Antimony [7440-36-0]^	1.10	U	ug/L	1	1.10	20.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3A03028	EPA 6020A	01/07/13 18:38	JMA	QV-01
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Copper [7440-50-8]^	**4.03**	I	ug/L	1	2.20	10.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Sodium [7440-23-5]^	**11.8**		mg/L	1	0.320	1.00	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Vanadium [7440-62-2]^	**4.06**	I	ug/L	1	2.00	10.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3A03028	EPA 6020A	01/07/13 18:38	JMA	

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	3A04002	EPA 350.1	01/04/13 10:54	KGonz	
Chloride [16887-00-6]^	**29**		mg/L	1	0.29	5.0	3A03005	EPA 300.0	01/03/13 17:48	RSA	
Nitrate as N [14797-55-8]^	**0.20**	I	mg/L	1	0.052	1.0	3A03005	EPA 300.0	01/03/13 17:48	RSA	
Phenolics [ECL-0123]^	20	U	ug/L	1	20	50	3A04006	EPA 420.1	01/04/13 15:50	RMM	
Sulfate [14808-79-8]^	**93**		mg/L	1	0.07	5.0	3A03005	EPA 300.0	01/03/13 17:48	RSA	
Total Dissolved Solids [ECL-0156]^	**620**		mg/L	1	10	10	3A06001	SM18 2540C	01/07/13 22:15	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes

ANALYTICAL RESULTS

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

Lab Sample ID: A207215-06
Sampled: 01/03/13 09:30
Sampled By: Chris Monaco

Received: 01/03/13 15:00
Work Order: A207215

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	**0.46**		mg/L	1	0.00	0.00	3A04024	Field	01/03/13 09:30	FLD	
pH [ECL-0062]	**6.78**		pH Units	1			3A04024	Field	01/03/13 09:30	FLD	
Specific Conductance (EC) [ECL-0146]	**907**		umhos/cm	1	0	0	3A04024	Field	01/03/13 09:30	FLD	
Temperature [ECL-0151]	**23.48**		°C	1	0.00	0.00	3A04024	Field	01/03/13 09:30	FLD	
Turbidity [ECL-0177]	**1.60**		NTU	1	0.00	0.00	3A04024	Field	01/03/13 09:30	FLD	
Water Elevation [ECL-0180]	**41.66**		Ft	1			3A04024	Field	01/03/13 09:30	FLD	

ANALYTICAL RESULTS

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

Lab Sample ID: A207215-07
Sampled: 01/03/13 00:00
Sampled By: ENCO

Received: 01/03/13 15:00
Work Order: A207215

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
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3A04003	EPA 8260B	01/04/13 20:18	kat	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3A04003	EPA 8260B	01/04/13 20:18	kat	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3A04003	EPA 8260B	01/04/13 20:18	kat	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*83 %*	*41-142*	*3A04003*	*EPA 8260B*	*01/04/13 20:18*	*kat*	
Dibromofluoromethane	*37*	*1*	*50.0*	*73 %*	*53-146*	*3A04003*	*EPA 8260B*	*01/04/13 20:18*	*kat*	

ANALYTICAL RESULTS

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

Lab Sample ID: A207215-07
Sampled: 01/03/13 00:00
Sampled By: ENCO

Received: 01/03/13 15:00
Work Order: A207215

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
Toluene-d8	*45*	*1*	*50.0*	*90 %*	*41-146*		*3A04003*	*EPA 8260B*	*01/04/13 20:18*	*kat*	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 3A04003 - EPA 5030B_MS

Blank (3A04003-BLK1) Prepared: 01/04/2013 09:42 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							
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							
1,2,3-Trichloropropane	0.64	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							
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							
2-Butanone	4.5	U	5.0	ug/L							
2-Hexanone	1.4	U	5.0	ug/L							
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							
Acetone	1.8	U	5.0	ug/L							
Acrylonitrile	3.2	U	10	ug/L							
Benzene	0.71	U	1.0	ug/L							
Bromochloromethane	0.94	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 disulfide	2.6	U	5.0	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							
Dibromomethane	0.84	U	1.0	ug/L							
Ethylbenzene	0.69	U	1.0	ug/L							
Iodomethane	0.72	U	1.0	ug/L							
m,p-Xylenes	1.3	U	2.0	ug/L							
Methylene chloride	0.71	U	2.0	ug/L							
o-Xylene	0.53	U	1.0	ug/L							
Styrene	0.61	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							
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							
Trichloroethene	0.89	U	1.0	ug/L							
Trichlorofluoromethane	0.94	U	1.0	ug/L							
Vinyl acetate	0.60	U	1.0	ug/L							
Vinyl chloride	0.71	U	1.0	ug/L							
Xylenes (Total)	1.3	U	2.0	ug/L							

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 3A04003 - EPA 5030B_MS

Blank (3A04003-BLK1) Continued Prepared: 01/04/2013 09:42 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 4-Bromofluorobenzene	*41*			*ug/L*	*50.0*		*82*	*41-142*			
Surrogate: Dibromofluoromethane	*37*			*ug/L*	*50.0*		*74*	*53-146*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*89*	*41-146*			

LCS (3A04003-BS1) Prepared: 01/04/2013 09:42 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	14		1.0	ug/L	20.0		70	65-144			
Benzene	17		1.0	ug/L	20.0		84	73-138			
Chlorobenzene	19		1.0	ug/L	20.0		94	77-127			
Toluene	18		1.0	ug/L	20.0		90	71-123			
Trichloroethene	21		1.0	ug/L	20.0		104	83-133			
Surrogate: 4-Bromofluorobenzene	*40*			*ug/L*	*50.0*		*79*	*41-142*			
Surrogate: Dibromofluoromethane	*36*			*ug/L*	*50.0*		*73*	*53-146*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*41-146*			

Matrix Spike (3A04003-MS1) Prepared: 01/04/2013 09:42 Analy

Source: A300050-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.94 U	88	65-144			
Benzene	24		1.0	ug/L	20.0	0.71 U	119	73-138			
Chlorobenzene	25		1.0	ug/L	20.0	0.72 U	126	77-127			
Toluene	25		1.0	ug/L	20.0	0.72 U	126	71-123			QM-07
Trichloroethene	21		1.0	ug/L	20.0	0.89 U	106	83-133			
Surrogate: 4-Bromofluorobenzene	*41*			*ug/L*	*50.0*		*81*	*41-142*			
Surrogate: Dibromofluoromethane	*36*			*ug/L*	*50.0*		*73*	*53-146*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*89*	*41-146*			

Matrix Spike Dup (3A04003-MSD1) Prepared: 01/04/2013 09:42 Analy

Source: A300050-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.94 U	89	65-144	0.2	16	
Benzene	24		1.0	ug/L	20.0	0.71 U	121	73-138	2	14	
Chlorobenzene	25		1.0	ug/L	20.0	0.72 U	126	77-127	0.4	13	
Toluene	25		1.0	ug/L	20.0	0.72 U	127	71-123	1	16	QM-07
Trichloroethene	22		1.0	ug/L	20.0	0.89 U	111	83-133	5	20	
Surrogate: 4-Bromofluorobenzene	*40*			*ug/L*	*50.0*		*80*	*41-142*			
Surrogate: Dibromofluoromethane	*36*			*ug/L*	*50.0*		*72*	*53-146*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*41-146*			

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 3A09005 - EPA 504/8011

Blank (3A09005-BLK1) Prepared: 01/09/2013 07:43 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.004	U	0.020	ug/L							
1,2-Dibromoethane	0.003	U	0.020	ug/L							
Surrogate: 1,1,1,2-Tetrachloroethane [2C]	*0.30*			*ug/L*	*0.250*		*118*	*70-130*			

LCS (3A09005-BS1) Prepared: 01/09/2013 07:43 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.35		0.020	ug/L	0.250		139	61-139			
1,2-Dibromoethane	0.30		0.020	ug/L	0.250		120	65-133			
Surrogate: 1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*121*	*70-130*			

Matrix Spike (3A09005-MS1) Prepared: 01/09/2013 07:43 Analy

Source: A300073-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.34		0.020	ug/L	0.250	0.004 U	137	61-139			
1,2-Dibromoethane	0.30		0.020	ug/L	0.250	0.003 U	118	65-133			
Surrogate: 1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*118*	*70-130*			

Matrix Spike Dup (3A09005-MSD1) Prepared: 01/09/2013 07:43 Analy

Source: A300073-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.35		0.020	ug/L	0.250	0.004 U	139	61-139	1	12	
1,2-Dibromoethane	0.30		0.020	ug/L	0.250	0.003 U	119	65-133	0.8	17	
Surrogate: 1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*120*	*70-130*			

QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 3A02006 - EPA 7470A

Blank (3A02006-BLK1) Prepared: 01/07/2013 14:17 Analy

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

Blank (3A02006-BLK2) Prepared: 01/07/2013 14:17 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.230	U	2.00	ug/L							

LCS (3A02006-BS1) Prepared: 01/07/2013 14:17 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.95		0.200	ug/L	5.00		99	80-120			

Matrix Spike (3A02006-MS1) Prepared: 01/07/2013 14:17 Analy

Source: A207263-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.27		0.200	ug/L	5.00	0.0230 U	105	75-125			

Matrix Spike Dup (3A02006-MSD1) Prepared: 01/07/2013 14:17 Analy

Source: A207263-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.29		0.200	ug/L	5.00	0.0230 U	106	75-125	0.3	20	

Post Spike (3A02006-PS1) Prepared: 01/08/2013 06:00 Analy

Source: A207263-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.01		0.200	ug/L	5.61	0.00628	89	80-120			

QUALITY CONTROL DATA

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

Batch 3A03028 - EPA 3005A

Blank (3A03028-BLK1) Prepared: 01/04/2013 12:03 Analy

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							
Barium	20.0	U	100	ug/L							
Beryllium	0.940	U	1.00	ug/L							QV-01
Cadmium	1.10	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							
Cobalt	2.10	U	10.0	ug/L							
Copper	2.20	U	10.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Lead	1.60	U	5.00	ug/L							
Nickel	3.20	U	10.0	ug/L							
Selenium	6.50	U	10.0	ug/L							
Silver	0.290	U	1.00	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							
Zinc	16.0	U	50.0	ug/L							

Blank (3A03028-BLK2) Prepared: 01/04/2013 12:03 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	6.80	U	10.0	ug/L							
Antimony	0.110	U	2.00	ug/L							
Arsenic	0.610	U	1.00	ug/L							
Barium	2.00	U	10.0	ug/L							
Beryllium	0.0940	U	0.100	ug/L							QV-01
Cadmium	0.110	U	0.300	ug/L							
Chromium	0.450	U	1.00	ug/L							
Cobalt	0.210	U	1.00	ug/L							
Copper	0.220	U	1.00	ug/L							
Iron	3.80	U	5.00	ug/L							
Lead	0.160	U	0.500	ug/L							
Nickel	0.320	U	1.00	ug/L							
Selenium	0.650	U	1.00	ug/L							
Silver	0.0290	U	0.100	ug/L							
Sodium	0.0320	U	0.100	mg/L							
Thallium	0.0580	U	0.100	ug/L							
Vanadium	0.200	U	1.00	ug/L							
Zinc	1.60	U	5.00	ug/L							

QUALITY CONTROL DATA

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

Batch 3A03028 - EPA 3005A

LCS (3A03028-BS1) Prepared: 01/04/2013 12:03 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1120		100	ug/L	1000		112	80-120			
Antimony	53.5		20.0	ug/L	50.0		107	80-120			
Arsenic	474		10.0	ug/L	500		95	80-120			
Barium	490		100	ug/L	500		98	80-120			
Beryllium	55.0		1.00	ug/L	50.0		110	80-120			
Cadmium	51.2		3.00	ug/L	50.0		102	80-120			
Chromium	499		10.0	ug/L	500		100	80-120			
Cobalt	496		10.0	ug/L	500		99	80-120			
Copper	506		10.0	ug/L	500		101	80-120			
Iron	1060		50.0	ug/L	1000		106	80-120			
Lead	521		5.00	ug/L	500		104	80-120			
Nickel	502		10.0	ug/L	500		100	80-120			
Selenium	478		10.0	ug/L	500		96	80-120			
Silver	50.8		1.00	ug/L	50.0		102	80-120			
Sodium	25.9		1.00	mg/L	25.0		104	80-120			
Thallium	54.1		1.00	ug/L	50.0		108	80-120			
Vanadium	512		10.0	ug/L	500		102	80-120			
Zinc	500		50.0	ug/L	500		100	80-120			

Matrix Spike (3A03028-MS1) Prepared: 01/04/2013 12:03 Analy

Source: A207215-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	994		100	ug/L	1000	68.0 U	99	75-125			
Antimony	54.7		20.0	ug/L	50.0	1.24	107	75-125			
Arsenic	500		10.0	ug/L	500	16.0	97	75-125			
Barium	502		100	ug/L	500	20.0 U	100	75-125			
Beryllium	59.6		1.00	ug/L	50.0	0.940 U	119	75-125			
Cadmium	51.1		3.00	ug/L	50.0	1.10 U	102	75-125			
Chromium	477		10.0	ug/L	500	4.50 U	95	75-125			
Cobalt	494		10.0	ug/L	500	13.8	96	75-125			
Copper	475		10.0	ug/L	500	2.20 U	95	75-125			
Iron	7050		50.0	ug/L	1000	6090	97	75-125			
Lead	520		5.00	ug/L	500	1.60 U	104	75-125			
Nickel	511		10.0	ug/L	500	22.6	98	75-125			
Selenium	494		10.0	ug/L	500	6.50 U	99	75-125			
Silver	50.9		1.00	ug/L	50.0	0.290 U	102	75-125			
Sodium	70.2		1.00	mg/L	25.0	43.9	105	75-125			
Thallium	54.9		1.00	ug/L	50.0	0.580 U	110	75-125			
Vanadium	518		10.0	ug/L	500	2.00 U	104	75-125			
Zinc	498		50.0	ug/L	500	117	76	75-125			

QUALITY CONTROL DATA

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

Batch 3A03028 - EPA 3005A

Matrix Spike Dup (3A03028-MSD1) Prepared: 01/04/2013 12:03 Analy

Source: A207215-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	985		100	ug/L	1000	68.0 U	99	75-125	0.9	20	
Antimony	54.1		20.0	ug/L	50.0	1.24	106	75-125	1	20	
Arsenic	499		10.0	ug/L	500	16.0	97	75-125	0.1	20	
Barium	495		100	ug/L	500	20.0 U	99	75-125	1	20	
Beryllium	57.1		1.00	ug/L	50.0	0.940 U	114	75-125	4	20	
Cadmium	49.9		3.00	ug/L	50.0	1.10 U	100	75-125	2	20	
Chromium	476		10.0	ug/L	500	4.50 U	95	75-125	0.2	20	
Cobalt	490		10.0	ug/L	500	13.8	95	75-125	0.9	20	
Copper	469		10.0	ug/L	500	2.20 U	94	75-125	1	20	
Iron	6980		50.0	ug/L	1000	6090	89	75-125	1	20	
Lead	515		5.00	ug/L	500	1.60 U	103	75-125	1	20	
Nickel	497		10.0	ug/L	500	22.6	95	75-125	3	20	
Selenium	482		10.0	ug/L	500	6.50 U	96	75-125	2	20	
Silver	50.0		1.00	ug/L	50.0	0.290 U	100	75-125	2	20	
Sodium	69.1		1.00	mg/L	25.0	43.9	101	75-125	2	20	
Thallium	54.3		1.00	ug/L	50.0	0.580 U	109	75-125	1	20	
Vanadium	512		10.0	ug/L	500	2.00 U	102	75-125	1	20	
Zinc	486		50.0	ug/L	500	117	74	75-125	2	20	QM-07

Post Spike (3A03028-PS1) Prepared: 01/07/2013 12:00 Analy

Source: A207215-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	96.8		10.0	ug/L	98.0	1.23	98	80-120			
Antimony	5.21		2.00	ug/L	4.90	0.121	104	80-120			
Arsenic	48.2		1.00	ug/L	49.0	1.57	95	80-120			
Barium	48.6		10.0	ug/L	49.0	-1.14	102	80-120			
Beryllium	5.44		0.100	ug/L	4.90	0.00627	111	80-120			
Cadmium	4.96		0.300	ug/L	4.90	0.0719	100	80-120			
Chromium	46.6		1.00	ug/L	49.0	-0.131	95	80-120			
Cobalt	48.1		1.00	ug/L	49.0	1.35	95	80-120			
Copper	47.3		1.00	ug/L	49.0	0.155	96	80-120			
Iron	694		5.00	ug/L	98.0	597	99	80-120			
Lead	50.8		0.500	ug/L	49.0	0.0264	104	80-120			
Nickel	49.4		1.00	ug/L	49.0	2.21	96	80-120			
Selenium	45.9		1.00	ug/L	49.0	0.00745	94	80-120			
Silver	4.96		0.100	ug/L	4.90	-0.0203	102	80-120			
Sodium	6920		100	ug/L	2450	4300	107	80-120			
Thallium	5.32		0.100	ug/L	4.90	0.0182	108	80-120			
Vanadium	49.7		1.00	ug/L	49.0	-0.0941	102	80-120			
Zinc	48.1		5.00	ug/L	49.0	11.4	75	80-120			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 3A03005 - NO PREP

Blank (3A03005-BLK1) Prepared: 01/03/2013 10:25 Analy

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 (3A03005-BS1) Prepared: 01/03/2013 10:25 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	53		5.0	mg/L	50.0		107	90-110			
Nitrate as N	10		1.0	mg/L	10.0		105	90-110			
Sulfate	52		5.0	mg/L	50.0		103	90-110			

Matrix Spike (3A03005-MS1) Prepared: 01/03/2013 10:25 Analy

Source: A207263-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	86		5.0	mg/L	50.0	32	107	90-110			
Nitrate as N	11		1.0	mg/L	10.0	0.28	105	90-110			
Sulfate	79		5.0	mg/L	50.0	24	110	90-110			

Matrix Spike Dup (3A03005-MSD1) Prepared: 01/03/2013 10:25 Analy

Source: A207263-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	85		5.0	mg/L	50.0	32	105	90-110	0.9	10	
Nitrate as N	11		1.0	mg/L	10.0	0.28	104	90-110	1	10	
Sulfate	78		5.0	mg/L	50.0	24	109	90-110	0.8	10	

Batch 3A04002 - NO PREP

Blank (3A04002-BLK1) Prepared: 01/04/2013 08:17 Analy

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 (3A04002-BS1) Prepared: 01/04/2013 08:17 Analy

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 (3A04002-MS1) Prepared: 01/04/2013 08:17 Analy

Source: A207215-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	3.8		0.040	mg/L	1.00	2.8	98	90-110			

Matrix Spike Dup (3A04002-MSD1) Prepared: 01/04/2013 08:17 Analy

Source: A207215-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	3.8		0.040	mg/L	1.00	2.8	98	90-110	0	10	

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 3A04006 - NO PREP

Blank (3A04006-BLK1) Prepared: 01/04/2013 10:16 Analy

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

LCS (3A04006-BS1) Prepared: 01/04/2013 10:16 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	530		50	ug/L	500		107	78-110			

Matrix Spike (3A04006-MS1) Prepared: 01/04/2013 10:16 Analy

Source: A207158-06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	590		50	ug/L	500	80	101	78-110			

Matrix Spike Dup (3A04006-MSD1) Prepared: 01/04/2013 10:16 Analy

Source: A207158-06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenolics	580		50	ug/L	500	80	100	78-110	1	10	

Batch 3A06001 - NO PREP

Blank (3A06001-BLK1) Prepared: 01/06/2013 05:11 Analy

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 (3A06001-BS1) Prepared: 01/06/2013 05:11 Analy

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	980		10	mg/L	1000		98	90-110			

Duplicate (3A06001-DUP1) Prepared: 01/06/2013 05:11 Analy

Source: A207199-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	340		10	mg/L		340			1	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.
O-01	This compound is a common laboratory contaminant.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, the impact on data quality is minimal.

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr. Orlando, FL 32824 (407) 826-5314 Fax (407) 850-6945
4810 Executive Park Court, Suite 211 Jacksonville, FL 32216-6069 (904) 296-3007 Fax (904) 296-6210
102-A Woodwinds Industrial Ct. Cary, NC 27511 (919) 467-3090 Fax (919) 467-3515
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Page 1 of 1

Client Name: Friends Recycling (FR008)	Project Number: 21012		
Address: 2350 NW 27th Avenue	Project Name/Desc: FRIENDS RECYCLING FORMERLY OCALA RECYCLING		
City/ST/Zip: Ocala, FL 34475	PO # / Billing Info:		
Tel: (352) 622-5800 Fax: (352) 622-4999	Reporting Contact: Nick Giumarelli 1/3/13		
Sampler(s) Name, Affiliation (Print): Chris Monaco Ideal Tech Services Inc.	Billing Contact: Nick Giumarelli		
Sampler(s) Signature:	Site Location / Time Zone: FL/EST		

Requested Analyses: 8011; 8260B Appendix 1 FL; Ag,Al,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Ni,Pb,Sb,Se,Tl,V,Zn; Ammonia 350.1; Chloride 300; Nitrate as N 300; Phenols 420.1; Sulfate 300; TDS SM2540C

Requested Turnaround Times: Note : Rush requests subject to acceptance by the facility — X Standard — ___ Expedited — Due ___/___/___

Lab Workorder: A207215

Preservation (See Codes) (Combine as necessary): I | H | N | S | I | I | S | I | I

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Sample Comments
	MW 1	1-3-13	1004	Grab	GW	8	
	MW-5	1-3-13	1040	Grab	GW	8	
	MW-6	1-3-13	1105	Grab	GW	8	
	MW 7	1-3-13	1205	Grab	GW	8	
	MW-8	1-3-13	1132	Grab	GW	8	
	MW-9S	1-3-13	0930	Grab	GW	8	
	trip blank	—	—	Grab	O	2	O=Lab DI Water
	Added Trip on 1/3/13 at 1600						

<-- Total # of Containers

Sample Kit Prepared By: Shay Bass	Date/Time: 12-28-12 1200	Relinquished By: Shay Bass	Date/Time: 12-28-12 1200	Received By: [signature]	Date/Time: 12-29-12 1700
Comments/Special Reporting Requirements:		Relinquished By: [signature]	Date/Time: 1-3-13 1245	Received By: Karen LeBeau	Date/Time: 1-3-13 1245
		Relinquished By: Karen LeBeau	Date/Time: 1-3-13 1350	Received By: [signature]	Date/Time: 1/3/13 1350
		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