
SEMI-ANNUAL MONITORING REPORT

FIRST HALF 2016

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

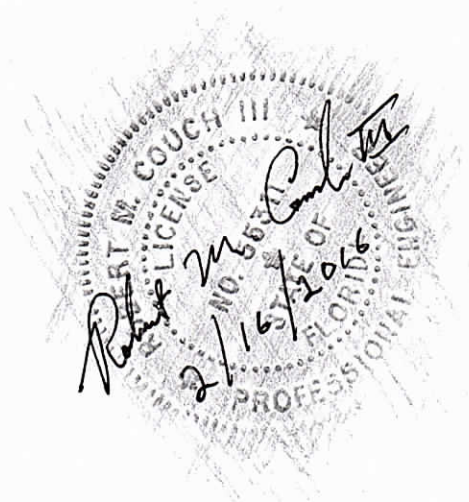
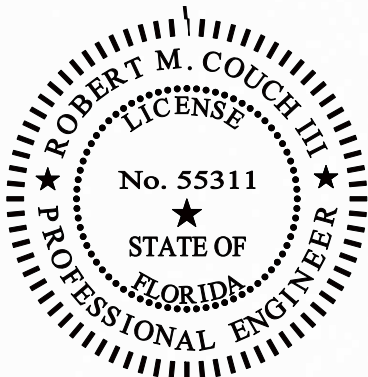
PREPARED FOR:

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

PREPARED BY:

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

February 14, 2016



February 14, 2016

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the First Half of 2016
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 2016 groundwater sampling activities on Monitoring Wells: MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9. 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 Clark B. Moore at the FDEP, per Laxsamee Levin's request. Please e-mail him 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 25, 2016, (date of the sample collection), ground water samples were collected from MW-1, MW-5, MW-6, MW-7, MW-8, and MW-9, 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 25, 2016 sampling event are provided in the Appendix along with a summary of the Groundwater Elevation data. A summary of the identified peaks equal to greater than the Groundwater Cleanup Target Levels for respective analytical methods are provided in the following tables:

MW-1				
Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	2.9	2.8	ug/L	EPA 350.1
Arsenic - Total	12.4	10	ug/L	EPA 6010C
Iron - Total	9280	300	ug/L	EPA 6010C
Total Dissolved Solids	920	500	mg/L	SM 2540C-1997

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	3.2	2.8	ug/L	EPA 350.1
Iron - Total	25500	300	ug/L	EPA 6010C
Total Dissolved Solids	820	500	mg/L	SM 2540C-1997

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
Arsenic - Total	10.8	10	ug/L	EPA 6010C
Iron - Total	22400	300	ug/L	EPA 6010C
Sulfate	380	250	mg/L	EPA 300.0
Total Dissolved Solids	1100	500	mg/L	SM 2540C-1997

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	5.8	2.8	ug/L	EPA 350.1
Iron - Total	16700	300	ug/L	EPA 6010C
Total Dissolved Solids	710	500	mg/L	SM 2540C-1997

MW-9

Analyte	Results	Groundwater Criteria	Units	Method
Aluminum - Total	250	200	ug/L	EPA 6020A
Total Dissolved Solids	570	600	mg/L	SM 2540C-1997

CONCLUSION

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

High levels of iron were still noted in monitoring wells MW-1, MW-5, MW-7 and MW-8. The iron concentration levels in all wells except MW-7 were lower than the previous sampling event. The various levels are likely the result of changes in 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-5, MW-7, and MW-8 were lower or equal to the previous concentrations for this sampling event. All of the higher concentrations are expected to be the result of changes in rainfall amounts.

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

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

RECOMMENDATION

It is the recommendation of ETI that sampling continue as listed in Monitoring Plan Implementation Schedule (6/25/2013 corrected 12/30/2013) for Facility 21012.

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

Sincerely,

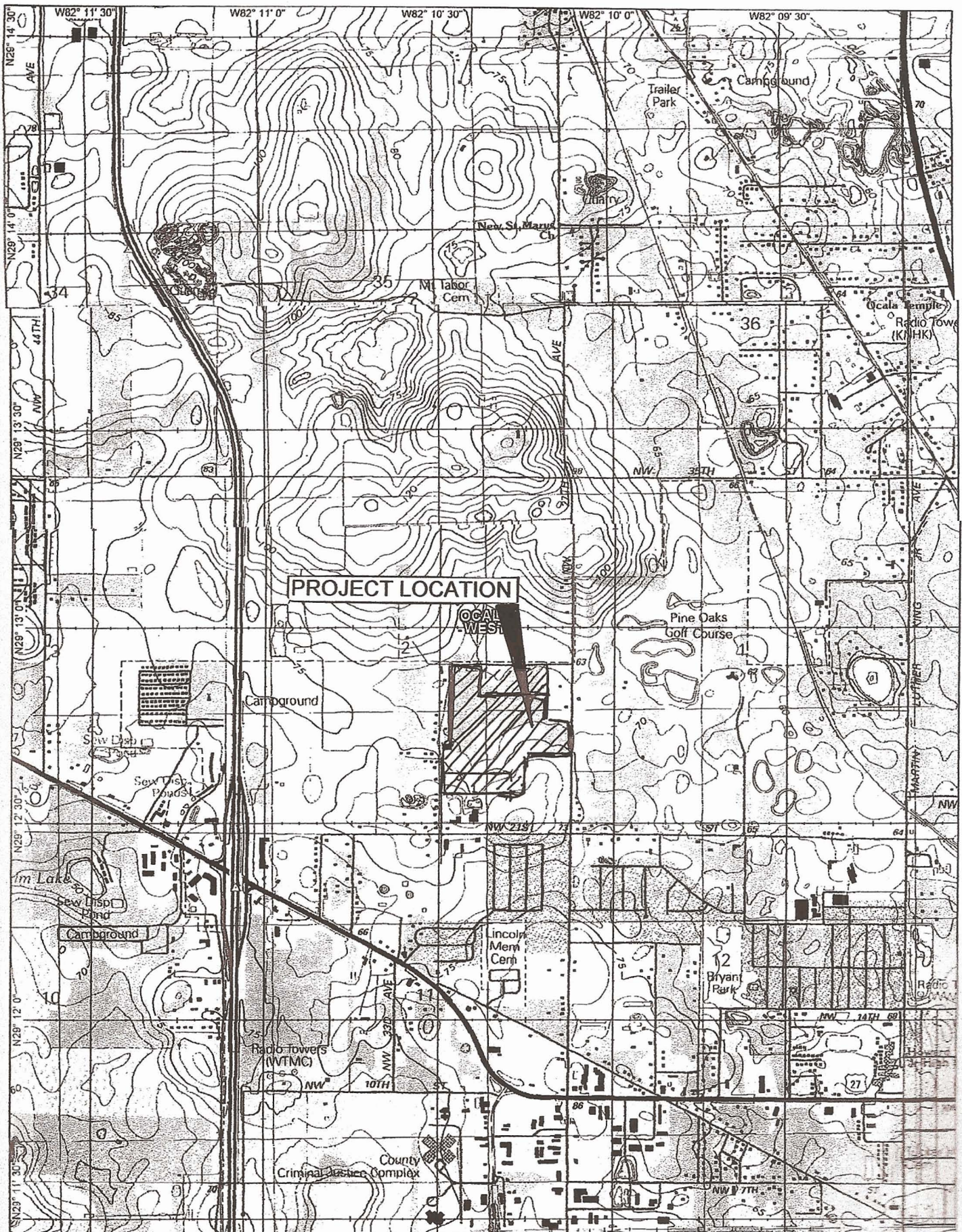
A handwritten signature in black ink that reads "Robert M. Couch III". The signature is written in a cursive, flowing style.

Robert M. Couch III, P.E.

President

ENVIRO-TECH, Inc.

APPENDIX



PROJECT LOCATION

OCALA WEST

DELOME

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www.delorme.com

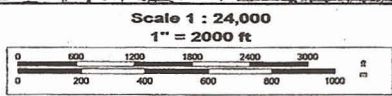


TABLE 1

SUMMARY OF GROUNDWATER ELEVATION DATA

WACS Facility: 21012 Friends Recycling Facility

February 14, 2016

GROUNDWATER								
Well No.	WACS No.	Latitude	Longitude	Ground Surface Elevation	Top of Casing (TOC) Elevation	Total Well Depth (7/17/2015)	Depth to Water (7/17/2015)	Water Table Elevation (7/17/2015)
MW-1	18811	29d 12' 44.009" N	82d 10' 12.150" W	72.57	74.66	43.45	32.64	42.02
MW-5	22912	29d 12' 35.218" N	82d 10' 22.219" W	85.77	88.01	67.45	45.97	42.04
MW-6	22913	29d 12' 39.697" N	82d 10' 28.570" W	77.85	78.05	53.10	35.90	42.15
MW-7	22914	29d 12' 35.488" N	82d 10' 15.161" W	85.97	88.67	53.60	46.56	42.11
MW-8	22915	29d 12' 41.519" N	82d 10' 25.153" W	67.76	71.17	34.24	29.18	41.99
MW-9	22916	29d 12' 44.853" N	82d 10' 17.931" W	65.51	68.64	32.80	26.80	41.84

MW-3 Monitoring Well Number 3 (Sampling Location)
Elevations based on NAVD-88

ATTACHMENT E

Florida Department of Environmental Protection

3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name Friends Recycling LLC-C&D Disposal and Recycling
- Address 2350 NW 27th Avenue
- City Ocala FL Zip 34471 County Marion
- Telephone Number (352) 622-5800 E-mail address UNKNOWN
- (2) WACS_Facility 21012
- (3) DEP Permit Number SO42-0019600-007
- (4) Authorized Representative's Name ENVIRO-TECH, Inc., Robert M. Couch III, P.E. Title President
- Address PO Box 152
- City Weirsdale Zip 32195 County Marion
- Telephone Number (352) 694-1799 E-mail address envirotech@ymail.com
- (5) Type of Discharge Groundwater
- (6) Method of Discharge C&D Landfill

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

2/14/2016
Date

Robert M. Couch III
Owner or Authorized Representative's Signature

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Comp QAP # Ideal Tech Services, Inc.

Analytical Lab NELAC #/ HRS Certification E83282

Lab Name Environmental Conservation Laboratories (ENCO) Orlando

Address 10775 Central Port Drive Orlando Florida 32824

Phone Number (407) 826-5314

E-mail Address _____

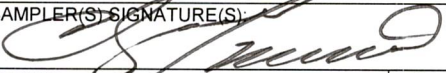
Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-1		WACS_WELL: 18811	DATE: 01 / 25 / 16

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): .375		WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet		STATIC DEPTH TO WATER (feet): 32.64		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) $= (43.45 \text{ feet} - 32.64 \text{ feet}) \times .16 \text{ gallons/foot} = 1.73 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.50		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.50		PURGING INITIATED AT: 0859		PURGING ENDED AT: 0910		TOTAL VOLUME PURGED (gallons): 5.50			
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)
0904	2.50	2.50	.50	32.83	6.44	24.46	1,372	.16	3.30	Clear	None
0907	1.50	4.00	.50	32.83	6.43	24.51	1,390	.13	1.80	Clear	None
0910	1.50	5.50	.50	32.83	6.42	24.54	1,393	.13	2.40	Clear	None
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailor; 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: 0910		SAMPLING ENDED AT: 0914	
PUMP OR TUBING DEPTH IN WELL (feet): 33.50				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ (replaced)							DUPLICATE: Y ☒			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-1	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)		ESP	≈ 100
MW-1	1	PE	250mL	HNO ₃	None	< 2	Metals		ESP	≈ 1135
MW-1	1	PE	250mL	H ₂ SO ₄	None	2.2	Ammonia (350.1)		ESP	≈ 1135
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP	≈ 1135
REMARKS: Slowed pump to sample										
DTW = 32.64 Reference Elevation = 74.66 GWTE = 42.02 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally $+5$ NTU or $+10\%$ (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 / 25 / 16

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): .375		WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet		STATIC DEPTH TO WATER (feet): 45.97		PURGE PUMP TYPE OR BAILER: ESP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (67.45 feet - 45.97 feet) X .16 gallons/foot = 3.44 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 47.00			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 47.00			PURGING INITIATED AT: 1045		PURGING ENDED AT: 1100		TOTAL VOLUME PURGED (gallons): 6.00	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1054	3.60	3.60	.40	46.13	6.20	26.77	1,446	.16	19.60	Clear	None
1057	1.20	4.80	.40	46.13	6.20	26.87	1,443	.13	17.40	Clear	None
1100	1.20	6.00	.40	46.13	6.20	26.88	1,451	.14	13.50	Clear	None
WELL CAPACITY (Gallons Per Foot): .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: 1100		SAMPLING ENDED AT: 1104	
PUMP OR TUBING DEPTH IN WELL (feet): 47.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ (replaced)							DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-5	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)		ESP	≈ 100
MW-5	1	PE	250mL	HNO ₃	None	c2	Metals		ESP	≈ 1135
MW-5	1	PE	250mL	H ₂ SO ₄	None	c2	Ammonia (350.1)		ESP	≈ 1135
MW-5	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP	≈ 1135
REMARKS: slowed pump to sample										
DTW = 45.97 Reference Elevation = 88.01 GWTE = 42.04 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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

Revision Date: February 12, 2009

GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-6		WACS_WELL: 22913	DATE: 01 / 25 / 16

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): .375		WELL SCREEN INTERVAL DEPTH: 40 feet to 50 feet		STATIC DEPTH TO WATER (feet): 35.90		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) $= (\text{53.10 feet} - \text{35.90 feet}) \times \text{.16 gallons/foot} = \text{2.75 gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.00			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.00			PURGING INITIATED AT: 1022		PURGING ENDED AT: 1034		TOTAL VOLUME PURGED (gallons): 6.00	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\frac{\text{mg}}{\text{L}}$ or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1028	3.00	3.00	.50	36.28	6.50	23.19	808	.36	15.60	clear	None
1031	1.50	4.50	.50	36.28	6.50	23.22	818	.39	7.00	clear	None
1034	1.50	6.00	.50	36.28	6.50	23.25	825	.39	2.90	clear	None
WELL CAPACITY (Gallons Per Foot): .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 = Bailor; 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: 1034		SAMPLING ENDED AT: 1038	
PUMP OR TUBING DEPTH IN WELL (feet): 37.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ (replaced)							DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-6	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)		ESP	≈ 100
MW-6	1	PE	250mL	HNO ₃	None	6.2	Metals		ESP	≈ 1135
MW-6	1	PE	250mL	H ₂ SO ₄	None	6.2	Ammonia (350.1)		ESP	≈ 1135
MW-6	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP	≈ 1135
REMARKS: slowed pump to sample										
DTW = 35.90 Reference Elevation = 78.05 GWTE = 42.15 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-7		WACS_WELL: 22914	DATE: 01 / 25 / 16

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1144		SAMPLING ENDED AT: 1148	
PUMP OR TUBING DEPTH IN WELL (feet): 50.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N ☐ Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ (replaced)							DUPLICATE: Y ☒ N ☐			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-7	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100	
MW-7	1	PE	250mL	HNO ₃	None	12	Metals	ESP	≈ 1135	
MW-7	1	PE	250mL	H ₂ SO ₄	None	12	Ammonia (350.1)	ESP	≈ 1135	
MW-7	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135	
REMARKS:										
DTW = 46.56 Reference Elevation = 88.67 GWTE = 42.11 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-8		WACS_WELL: 22915	DATE: 01 / 25 / 16

PURGING DATA

WELL	TUBING	WELL SCREEN INTERVAL	STATIC DEPTH	PURGE PUMP TYPE							
DIAMETER (inches): 2	DIAMETER (inches): .375	DEPTH: 20 feet to 30 feet	TO WATER (feet): 29.18	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 - 29.18 feet) X .16 gallons/foot = .81 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	FINAL PUMP OR TUBING	PURGING	PURGING	TOTAL VOLUME							
DEPTH IN WELL (feet): 3000	DEPTH IN WELL (feet): 30.00	INITIATED AT: 0959	ENDED AT: 1010	PURGED (gallons): 2.75							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\frac{\text{mg}}{\text{L}}$ or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1004	1.25	1.25	.25	29.30	6.29	24.83	1,253	.18	1.30	Clear	None
1007	.75	2.00	.25	29.30	6.28	24.90	1,259	.15	1.00	Clear	None
1010	.75	2.75	.25	29.31	6.28	24.85	1,262	.15	.70	Clear	None
WELL CAPACITY (Gallons Per Foot): .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: 1010		SAMPLING ENDED AT: 1014	
PUMP OR TUBING DEPTH IN WELL (feet): 30.00				TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y ☒ N Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP ☒ N TUBING Y ☒ (replaced)							DUPLICATE: Y ☒ N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
MW-8	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)		ESP	≈ 100
MW-8	1	PE	250mL	HNO ₃	None	62	Metals		ESP	≈ 946
MW-8	1	PE	250mL	H ₂ SO ₄	None	62	Ammonia (350.1)		ESP	≈ 946
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS		ESP	≈ 946
REMARKS:										
DTW = 29.18 Reference Elevation = 71.17 GWTE = 41.99 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling		SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-9		WACS_WELL: 22916	DATE: 01 / 25 / 16

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): .375		WELL SCREEN INTERVAL DEPTH: unk. feet to unk. feet		STATIC DEPTH TO WATER (feet): 24.80		PURGE PUMP TYPE OR BAILER: ESP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (32.80 \text{ feet} - 24.80 \text{ feet}) \times .16 \text{ gallons/foot} = .94 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.50		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.50		PURGING INITIATED AT: 0935		PURGING ENDED AT: 0946		TOTAL VOLUME PURGED (gallons): 3.30			
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)
0940	1.50	1.50	.30	24.92	6.59	22.94	944	.23	17.80	clear	None
0943	.90	2.40	.30	24.92	6.55	23.03	947	.18	12.00	clear	None
0946	.90	3.30	.30	24.92	6.54	23.06	948	.17	8.90	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

[illegible]

REMARKS: DTW @ MW-9D = 24.80

DTW = 26.80 Reference Elevation = 68.64 GWTE = 41.84 This data is not NGVD compliant. Therefore, ITS does not authorize it to be used in groundwater modeling programs.

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

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

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

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

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

Revision Date: February 12, 2009



CALIBRATION LOG

ITS Work Order Number:

FRL-15-012516

CLIENT: Friends Recycling

ADDRESS: 2350 NW 27th Ave.

CITY, STATE: Ocala, FL 34475

Site: Friends Recycling C&D Landfill

START CAL DATE @ TIME: 01/25/16 @ 0800

END CALIBRATION DATE @ TIME: 01/25/16 @ 1240

Page 1 of 1

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.32

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

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

Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE
	INITIAL	CCV			
4.005	4.00	3.99	✓	CC352086	Jun-17
7.000	7.00	7.01	7.00	CC337816	Apr-17
10.012	10.01	10.02	✓	CC356378	Jul-17

STANDARD (ERTCO Thermometer)	YSI METER TEMP READING		LOT NUMBER	DATE PERFORMED (Quarterly)
	LOW	HIGH		
LOW 5.20	5.24		NA	11/30/15
HIGH 29.10		29.12		11/30/15

Standards are prepared by OAKTON.

Liquid Temp: N/A

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

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

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

STANDARD (ppm)	METER READING		LOT NUMBER	EXPIRATION DATE
	INITIAL	CCV		
0.00	1.8	1.7	5AD752	Apr-16
fresh air @				
20.11 °C	9.03			
23.76 °C		8.42		

STANDARD "mhos	METER READING		LOT NUMBER	EXPIRATION DATE
	INITIAL	CCV		
8,974	NM	NM	4AH167	Aug-15
2,764	2.764	2.769	5GE1005	May-16
447	NM	NM	No Stock	No Stock
84	84	84	5AB751	Feb-16

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

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

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

HACH POCKET COLORIMETER II S/N 06070D052733

STANDARD (mV)	METER READING		LOT NUMBER	EXPIRATION DATE
	INITIAL	CCV		
200	NM	NM	5GE701	Feb-16
400	NM	NM	5AC983	Mar-16

STANDARD ID	BLANK	1	2	3
MFGR VALUE mg/L	0.00	.21	0.90	1.61
VERIFIED VALUE mg/L	0.00	0.22	0.92	1.60
CCV METER mg/L	NM	NM	NM	NM

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

Standard is HACH DPD Chlorine LR secondary GEL Standard. Lot A5318 Verified 02/09/15

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

Remarks:

STANDARD (ntu)	METER READING		LOT NUMBER	EXPIRATION DATE
	INITIAL	CCV		
1000	NM	NM	See Below	Oct-16
100	100	100	See Below	Oct-16
10	10	10	See Below	Oct-16
0.02	.02	.02	See Below	Oct-16

Weather Conditions: Sunny 65-70°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #100915282WF2330413

Exp Date 04/30/17

Equipment Blank Data - Collected @ none collected

pH = / Cond = /

Temp = / D.O. = /

Turbidity = /

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 41053

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.32 on 11/30/15: Update for temp.

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

COPY TO: Nick Giumarelli

SIGNED:

Karen LeBeau
Chris Monaco or Karen LeBeau

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

8260B Arom/Halo	
Al,As,Cd,Cr,Fe,Na,Pb, Hg	
Ammonia 350.1	
Chloride 300,Nitrate as N 300,Sulfate 300, TDS SM2540C	
Requested Analyses	
Requested Turnaround Times	
Note : Rush requests subject to acceptance by the facility	
☒ Standard	
☐ Expedited	
Due ____/____/____	
Lab Workorder	
A7004-FC	

[illegible]

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	Condition Upon Receipt	Acceptable	Unacceptable
SR	01/13/16 1300	[Signature]	01/13/16 1300	[Signature]	01/14/16 1630			
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time			
		Relinquished By	Date/Time	Received By	Date/Time			
		Relinquished By	Date/Time	Received By	Date/Time			
Cooler #'s & Temps on Receipt								

Matrix : GW-Groundwater SO-Soil DW-Drinking Water

E-Sediment **SW**-Surface Water **WW**-Wastewater **A**-Air **O**-Other (detail in comments)

Preservation: 1/2 HCl NH₄NO₃ C 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.



ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945

Monday, February 1, 2016

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): AZ00150

Dear Nick Giumarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Monday, January 25, 2016.

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,

Kaitlin Dylnicki For Marcia Colon

Project Manager

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1	Lab ID: AZ00150-01	Sampled: 01/25/16 09:14	Received: 01/25/16 14:34
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<u>Parameter</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 300.0	01/27/16 09:14	01/26/16 02:02	01/26/16 16:39
EPA 300.0	02/22/16	01/26/16 02:02	01/26/16 16:39
EPA 350.1	02/22/16	01/28/16 08:39	01/28/16 10:28
EPA 6020A	07/23/16	01/26/16 09:24	01/27/16 09:20
EPA 7470A	02/22/16	01/27/16 11:32	01/28/16 09:07
EPA 8260B	02/08/16	01/29/16 00:00	01/29/16 12:48
Field	01/25/16 09:28	01/25/16 09:14	01/25/16 09:14
Field	01/26/16 09:14 01/26/16 09:14	01/25/16 09:14	01/25/16 09:14
Field	01/27/16 09:14	01/25/16 09:14	01/25/16 09:14
SM 2540C-1997	02/01/16	01/27/16 20:51	01/28/16 21:40

Client ID: MW-1	Lab ID: AZ00150-01RE1	Sampled: 01/25/16 09:14	Received: 01/25/16 14:34
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<u>Parameter</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 300.0	02/22/16	01/26/16 02:02	01/26/16 19:18
EPA 6020A	07/23/16	01/26/16 09:24	01/27/16 09:30

Client ID: MW-9	Lab ID: AZ00150-02	Sampled: 01/25/16 09:50	Received: 01/25/16 14:34
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<u>Parameter</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 300.0	01/27/16 09:50	01/26/16 02:02	01/26/16 16:55
EPA 300.0	02/22/16	01/26/16 02:02	01/26/16 16:55
EPA 350.1	02/22/16	01/28/16 08:39	01/28/16 10:40
EPA 6020A	07/23/16	01/26/16 09:24	01/27/16 09:59
EPA 7470A	02/22/16	01/27/16 11:32	01/28/16 09:26
EPA 8260B	02/08/16	01/29/16 00:00	01/29/16 13:18
Field	01/25/16 10:04	01/25/16 09:50	01/25/16 09:50
Field	01/26/16 09:50 01/26/16 09:50	01/25/16 09:50	01/25/16 09:50
Field	01/27/16 09:50	01/25/16 09:50	01/25/16 09:50
SM 2540C-1997	02/01/16	01/27/16 20:51	01/28/16 21:40

Client ID: MW-8	Lab ID: AZ00150-03	Sampled: 01/25/16 10:14	Received: 01/25/16 14:34
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<u>Parameter</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 300.0	01/27/16 10:14	01/26/16 02:02	01/26/16 17:11
EPA 300.0	02/22/16	01/26/16 02:02	01/26/16 17:11
EPA 6020A	07/23/16	01/26/16 09:24	01/27/16 10:02
EPA 7470A	02/22/16	01/27/16 11:32	01/28/16 09:29
EPA 8260B	02/08/16	01/29/16 00:00	01/29/16 13:48
Field	01/25/16 10:28	01/25/16 10:14	01/25/16 10:14
Field	01/26/16 10:14 01/26/16 10:14	01/25/16 10:14	01/25/16 10:14
Field	01/27/16 10:14	01/25/16 10:14	01/25/16 10:14
SM 2540C-1997	02/01/16	01/27/16 20:51	01/28/16 21:40

Client ID: MW-8	Lab ID: AZ00150-03RE1	Sampled: 01/25/16 10:14	Received: 01/25/16 14:34
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<u>Parameter</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 350.1	02/22/16	01/28/16 08:39	01/28/16 10:57
EPA 6020A	07/23/16	01/26/16 09:24	01/27/16 10:05

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-6		Lab ID: AZ00150-04		Sampled: 01/25/16 10:38		Received: 01/25/16 14:34	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	01/27/16	10:38	01/26/16	02:02	01/26/16	17:27	
EPA 300.0	02/22/16		01/26/16	02:02	01/26/16	17:27	
EPA 350.1	02/22/16		01/28/16	08:39	01/28/16	10:30	
EPA 6020A	07/23/16		01/26/16	09:24	01/27/16	10:08	
EPA 7470A	02/22/16		01/27/16	11:32	01/28/16	09:39	
EPA 8260B	02/08/16		01/29/16	00:00	01/29/16	14:18	
Field	01/25/16	10:52	01/25/16	10:38	01/25/16	10:38	
Field	01/26/16	10:38	01/26/16	10:38	01/25/16	10:38	
Field	01/27/16	10:38	01/25/16	10:38	01/25/16	10:38	
SM 2540C-1997	02/01/16		01/27/16	20:51	01/28/16	21:40	
Client ID: MW-5		Lab ID: AZ00150-05		Sampled: 01/25/16 11:04		Received: 01/25/16 14:34	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	01/27/16	11:04	01/26/16	02:02	01/26/16	17:43	
EPA 300.0	02/22/16		01/26/16	02:02	01/26/16	17:43	
EPA 6020A	07/23/16		01/26/16	09:24	01/27/16	10:11	
EPA 7470A	02/22/16		01/27/16	11:32	01/28/16	09:42	
EPA 8260B	02/08/16		01/29/16	00:00	01/29/16	14:48	
Field	01/25/16	11:18	01/25/16	11:04	01/25/16	11:04	
Field	01/26/16	11:04	01/26/16	11:04	01/25/16	11:04	
Field	01/27/16	11:04	01/25/16	11:04	01/25/16	11:04	
SM 2540C-1997	02/01/16		01/27/16	20:51	01/28/16	21:40	
Client ID: MW-5		Lab ID: AZ00150-05RE1		Sampled: 01/25/16 11:04		Received: 01/25/16 14:34	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 350.1	02/22/16		01/28/16	08:39	01/28/16	10:58	
EPA 6020A	07/23/16		01/26/16	09:24	01/27/16	10:14	
Client ID: MW-7		Lab ID: AZ00150-06		Sampled: 01/25/16 11:48		Received: 01/25/16 14:34	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	01/27/16	11:48	01/26/16	02:02	01/26/16	19:02	
EPA 300.0	02/22/16		01/26/16	02:02	01/26/16	19:02	
EPA 350.1	02/22/16		01/28/16	08:39	01/28/16	10:44	
EPA 6020A	07/23/16		01/26/16	09:24	01/27/16	10:18	
EPA 7470A	02/22/16		01/27/16	11:32	01/28/16	09:45	
EPA 8260B	02/08/16		01/29/16	00:00	01/29/16	15:18	
Field	01/25/16	12:02	01/25/16	11:48	01/25/16	11:48	
Field	01/26/16	11:48	01/26/16	11:48	01/25/16	11:48	
Field	01/27/16	11:48	01/25/16	11:48	01/25/16	11:48	
SM 2540C-1997	02/01/16		01/27/16	20:51	01/28/16	21:40	
Client ID: MW-7		Lab ID: AZ00150-06RE1		Sampled: 01/25/16 11:48		Received: 01/25/16 14:34	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 300.0	02/22/16		01/26/16	02:02	01/26/16	20:06	
EPA 6020A	07/23/16		01/26/16	09:24	01/27/16	10:25	
Client ID: TRIP BLANK		Lab ID: AZ00150-07		Sampled: 01/25/16 00:00		Received: 01/25/16 14:34	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	02/08/16		01/29/16	00:00	01/29/16	15:47	

SAMPLE DETECTION SUMMARY

Client ID: MW-1		Lab ID: AZ00150-01					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	2.9		0.015	0.040	mg/L	EPA 350.1	
Arsenic - Total	12.4		6.10	10.0	ug/L	EPA 6020A	
Chloride	21		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	32.64				Ft	Field	
Dissolved Oxygen	0.13		0	0	mg/L	Field	
Mercury - Total	0.0355	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.76	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.42				pH Units	Field	
Sodium - Total	30.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1393		0	0	umhos/cm	Field	
Temperature	24.54		0	0	°C	Field	
Total Dissolved Solids	920		10	10	mg/L	SM 2540C-1997	
Turbidity	2.4		0	0	NTU	Field	
Client ID: MW-1		Lab ID: AZ00150-01RE1					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	9280		190	250	ug/L	EPA 6020A	
Sulfate	230		0.20	15	mg/L	EPA 300.0	
Client ID: MW-9		Lab ID: AZ00150-02					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	250		68.0	100	ug/L	EPA 6020A	
Chloride	20		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	26.8				Ft	Field	
Dissolved Oxygen	0.17		0	0	mg/L	Field	
Iron - Total	40.7	I	38.0	50.0	ug/L	EPA 6020A	
Nitrate as N	0.67	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.54				pH Units	Field	
Sodium - Total	11.6		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	948		0	0	umhos/cm	Field	
Sulfate	74		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.06		0	0	°C	Field	
Total Dissolved Solids	600		10	10	mg/L	SM 2540C-1997	
Turbidity	8.9		0	0	NTU	Field	
Client ID: MW-8		Lab ID: AZ00150-03					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	41		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	29.18				Ft	Field	
Dissolved Oxygen	0.15		0	0	mg/L	Field	
Nitrate as N	1.1		0.052	1.0	mg/L	EPA 300.0	
pH	6.28				pH Units	Field	
Sodium - Total	37.4		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1262		0	0	umhos/cm	Field	
Sulfate	0.29	I	0.07	5.0	mg/L	EPA 300.0	
Temperature	24.85		0	0	°C	Field	
Total Dissolved Solids	710		10	10	mg/L	SM 2540C-1997	
Turbidity	0.7		0	0	NTU	Field	
Client ID: MW-8		Lab ID: AZ00150-03RE1					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	5.8		0.036	0.10	mg/L	EPA 350.1	
Iron - Total	16700		380	500	ug/L	EPA 6020A	

SAMPLE DETECTION SUMMARY

Client ID: MW-6		Lab ID: AZ00150-04					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	2.5	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	35.9				Ft	Field	
Dissolved Oxygen	0.39		0	0	mg/L	Field	
Nitrate as N	1.2		0.052	1.0	mg/L	EPA 300.0	
pH	6.5				pH Units	Field	
Sodium - Total	2.69		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	825		0	0	umhos/cm	Field	
Sulfate	11		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.25		0	0	°C	Field	
Total Dissolved Solids	430		10	10	mg/L	SM 2540C-1997	
Turbidity	2.9		0	0	NTU	Field	
Client ID: MW-5		Lab ID: AZ00150-05					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	82.1	I	68.0	100	ug/L	EPA 6020A	
Chloride	40		0.29	5.0	mg/L	EPA 300.0	
Chromium - Total	9.76	I	4.50	10.0	ug/L	EPA 6020A	
Depth to Water	45.97				Ft	Field	
Dissolved Oxygen	0.14		0	0	mg/L	Field	
Nitrate as N	1.4		0.052	1.0	mg/L	EPA 300.0	
pH	6.2				pH Units	Field	
Sodium - Total	36.8		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1451		0	0	umhos/cm	Field	
Sulfate	27		0.07	5.0	mg/L	EPA 300.0	
Temperature	26.88		0	0	°C	Field	
Total Dissolved Solids	820		10	10	mg/L	SM 2540C-1997	
Turbidity	13.5		0	0	NTU	Field	
Client ID: MW-5		Lab ID: AZ00150-05RE1					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	3.2		0.015	0.040	mg/L	EPA 350.1	
Iron - Total	25500		380	500	ug/L	EPA 6020A	
Client ID: MW-7		Lab ID: AZ00150-06					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	152		68.0	100	ug/L	EPA 6020A	
Ammonia as N	0.051		0.0073	0.020	mg/L	EPA 350.1	
Arsenic - Total	10.8		6.10	10.0	ug/L	EPA 6020A	
Chloride	41		0.29	5.0	mg/L	EPA 300.0	
Chromium - Total	33.9		4.50	10.0	ug/L	EPA 6020A	
Depth to Water	46.56				Ft	Field	
Dissolved Oxygen	0.13		0	0	mg/L	Field	
Mercury - Total	0.100	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.79	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.22				pH Units	Field	
Sodium - Total	26.0		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	1547		0	0	umhos/cm	Field	
Temperature	24.87		0	0	°C	Field	
Total Dissolved Solids	1100		10	10	mg/L	SM 2540C-1997	
Turbidity	5.8		0	0	NTU	Field	
Client ID: MW-7		Lab ID: AZ00150-06RE1					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	22400		380	500	ug/L	EPA 6020A	
Sulfate	380		0.26	20	mg/L	EPA 300.0	

ANALYTICAL RESULTS

Description: MW-1

Lab Sample ID: AZ00150-01

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 09:14

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	QM-07
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	QM-07
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 12:48	KKW	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	46	1	50.0	91 %	41-142	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Dibromofluoromethane	50	1	50.0	99 %	53-146	6A29013	EPA 8260B	01/29/16 12:48	KKW	
Toluene-d8	48	1	50.0	96 %	41-146	6A29013	EPA 8260B	01/29/16 12:48	KKW	

ANALYTICAL RESULTS

Description: MW-1

Lab Sample ID: AZ00150-01

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 09:14

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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]^	0.0355	I	ug/L	1	0.0230	0.200	6A26015	EPA 7470A	01/28/16 09:07	IR	

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	6A26014	EPA 6020A	01/27/16 09:20	JMA	
Arsenic [7440-38-2]^	12.4		ug/L	1	6.10	10.0	6A26014	EPA 6020A	01/27/16 09:20	JMA	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	6A26014	EPA 6020A	01/27/16 09:20	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	6A26014	EPA 6020A	01/27/16 09:20	JMA	
Iron [7439-89-6]^	9280		ug/L	5	190	250	6A26014	EPA 6020A	01/27/16 09:30	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	6A26014	EPA 6020A	01/27/16 09:20	JMA	
Sodium [7440-23-5]^	30.9		mg/L	1	0.320	1.00	6A26014	EPA 6020A	01/27/16 09:20	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]^	2.9		mg/L	2	0.015	0.040	6A28007	EPA 350.1	01/28/16 10:28	KGonz	
Chloride [16887-00-6]^	21		mg/L	1	0.29	5.0	6A26003	EPA 300.0	01/26/16 16:39	RAIfo	
Nitrate as N [14797-55-8]^	0.76	I	mg/L	1	0.052	1.0	6A26003	EPA 300.0	01/26/16 16:39	RAIfo	
Sulfate [14808-79-8]^	230		mg/L	3	0.20	15	6A26003	EPA 300.0	01/26/16 19:18	RAIfo	
Total Dissolved Solids^	920		mg/L	1	10	10	6A27033	SM 2540C-1997	01/28/16 21:40	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	32.64		Ft	1			6B01012	Field	01/25/16 09:14	MCC	
Dissolved Oxygen	0.13		mg/L	1	0	0	6B01012	Field	01/25/16 09:14	MCC	
pH	6.42		pH Units	1			6B01012	Field	01/25/16 09:14	MCC	
Specific Conductance (EC)	1393		umhos/cm	1	0	0	6B01012	Field	01/25/16 09:14	MCC	
Temperature	24.54		°C	1	0	0	6B01012	Field	01/25/16 09:14	MCC	
Turbidity	2.4		NTU	1	0	0	6B01012	Field	01/25/16 09:14	MCC	

ANALYTICAL RESULTS

Description: MW-9

Lab Sample ID: AZ00150-02

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 09:50

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 13:18	KKW	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	49	1	50.0	97 %	41-142	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Dibromofluoromethane	47	1	50.0	93 %	53-146	6A29013	EPA 8260B	01/29/16 13:18	KKW	
Toluene-d8	49	1	50.0	98 %	41-146	6A29013	EPA 8260B	01/29/16 13:18	KKW	

ANALYTICAL RESULTS

Description: MW-9

Lab Sample ID: AZ00150-02

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 09:50

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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	6A26015	EPA 7470A	01/28/16 09:26	IR	

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]^	250		ug/L	1	68.0	100	6A26014	EPA 6020A	01/27/16 09:59	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	6A26014	EPA 6020A	01/27/16 09:59	JMA	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	6A26014	EPA 6020A	01/27/16 09:59	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	6A26014	EPA 6020A	01/27/16 09:59	JMA	
Iron [7439-89-6]^	40.7	I	ug/L	1	38.0	50.0	6A26014	EPA 6020A	01/27/16 09:59	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	6A26014	EPA 6020A	01/27/16 09:59	JMA	
Sodium [7440-23-5]^	11.6		mg/L	1	0.320	1.00	6A26014	EPA 6020A	01/27/16 09:59	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	6A28007	EPA 350.1	01/28/16 10:40	KGonz	
Chloride [16887-00-6]^	20		mg/L	1	0.29	5.0	6A26003	EPA 300.0	01/26/16 16:55	RAIfo	
Nitrate as N [14797-55-8]^	0.67	I	mg/L	1	0.052	1.0	6A26003	EPA 300.0	01/26/16 16:55	RAIfo	
Sulfate [14808-79-8]^	74		mg/L	1	0.07	5.0	6A26003	EPA 300.0	01/26/16 16:55	RAIfo	
Total Dissolved Solids^	600		mg/L	1	10	10	6A27033	SM 2540C-1997	01/28/16 21:40	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	26.8		Ft	1			6B01012	Field	01/25/16 09:50	MCC	
Dissolved Oxygen	0.17		mg/L	1	0	0	6B01012	Field	01/25/16 09:50	MCC	
pH	6.54		pH Units	1			6B01012	Field	01/25/16 09:50	MCC	
Specific Conductance (EC)	948		umhos/cm	1	0	0	6B01012	Field	01/25/16 09:50	MCC	
Temperature	23.06		°C	1	0	0	6B01012	Field	01/25/16 09:50	MCC	
Turbidity	8.9		NTU	1	0	0	6B01012	Field	01/25/16 09:50	MCC	

ANALYTICAL RESULTS

Description: MW-8

Lab Sample ID: AZ00150-03

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 10:14

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 13:48	KKW	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	48	1	50.0	96 %	41-142	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Dibromofluoromethane	48	1	50.0	96 %	53-146	6A29013	EPA 8260B	01/29/16 13:48	KKW	
Toluene-d8	50	1	50.0	100 %	41-146	6A29013	EPA 8260B	01/29/16 13:48	KKW	

ANALYTICAL RESULTS

Description: MW-8

Lab Sample ID: AZ00150-03

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 10:14

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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	6A26015	EPA 7470A	01/28/16 09:29	IR	

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	6A26014	EPA 6020A	01/27/16 10:02	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	6A26014	EPA 6020A	01/27/16 10:02	JMA	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	6A26014	EPA 6020A	01/27/16 10:02	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	6A26014	EPA 6020A	01/27/16 10:02	JMA	
Iron [7439-89-6]^	16700		ug/L	10	380	500	6A26014	EPA 6020A	01/27/16 10:05	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	6A26014	EPA 6020A	01/27/16 10:02	JMA	
Sodium [7440-23-5]^	37.4		mg/L	1	0.320	1.00	6A26014	EPA 6020A	01/27/16 10:02	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]^	5.8		mg/L	5	0.036	0.10	6A28007	EPA 350.1	01/28/16 10:57	KGonz	
Chloride [16887-00-6]^	41		mg/L	1	0.29	5.0	6A26003	EPA 300.0	01/26/16 17:11	RAIfo	
Nitrate as N [14797-55-8]^	1.1		mg/L	1	0.052	1.0	6A26003	EPA 300.0	01/26/16 17:11	RAIfo	
Sulfate [14808-79-8]^	0.29	I	mg/L	1	0.07	5.0	6A26003	EPA 300.0	01/26/16 17:11	RAIfo	
Total Dissolved Solids^	710		mg/L	1	10	10	6A27033	SM 2540C-1997	01/28/16 21:40	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	29.18		Ft	1			6B01012	Field	01/25/16 10:14	MCC	
Dissolved Oxygen	0.15		mg/L	1	0	0	6B01012	Field	01/25/16 10:14	MCC	
pH	6.28		pH Units	1			6B01012	Field	01/25/16 10:14	MCC	
Specific Conductance (EC)	1262		umhos/cm	1	0	0	6B01012	Field	01/25/16 10:14	MCC	
Temperature	24.85		°C	1	0	0	6B01012	Field	01/25/16 10:14	MCC	
Turbidity	0.7		NTU	1	0	0	6B01012	Field	01/25/16 10:14	MCC	

ANALYTICAL RESULTS

Description: MW-6

Lab Sample ID: AZ00150-04

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 10:38

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 14:18	KKW	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	48	1	50.0	96 %	41-142	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Dibromofluoromethane	48	1	50.0	95 %	53-146	6A29013	EPA 8260B	01/29/16 14:18	KKW	
Toluene-d8	49	1	50.0	98 %	41-146	6A29013	EPA 8260B	01/29/16 14:18	KKW	

ANALYTICAL RESULTS

Description: MW-6

Lab Sample ID: AZ00150-04

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 10:38

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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	6A26015	EPA 7470A	01/28/16 09:39	IR	

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	6A26014	EPA 6020A	01/27/16 10:08	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	6A26014	EPA 6020A	01/27/16 10:08	JMA	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	6A26014	EPA 6020A	01/27/16 10:08	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	6A26014	EPA 6020A	01/27/16 10:08	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	6A26014	EPA 6020A	01/27/16 10:08	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	6A26014	EPA 6020A	01/27/16 10:08	JMA	
Sodium [7440-23-5]^	2.69		mg/L	1	0.320	1.00	6A26014	EPA 6020A	01/27/16 10:08	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	6A28007	EPA 350.1	01/28/16 10:30	KGonz	
Chloride [16887-00-6]^	2.5	I	mg/L	1	0.29	5.0	6A26003	EPA 300.0	01/26/16 17:27	RAIfo	
Nitrate as N [14797-55-8]^	1.2		mg/L	1	0.052	1.0	6A26003	EPA 300.0	01/26/16 17:27	RAIfo	
Sulfate [14808-79-8]^	11		mg/L	1	0.07	5.0	6A26003	EPA 300.0	01/26/16 17:27	RAIfo	
Total Dissolved Solids^	430		mg/L	1	10	10	6A27033	SM 2540C-1997	01/28/16 21:40	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	35.9		Ft	1			6B01012	Field	01/25/16 10:38	MCC	
Dissolved Oxygen	0.39		mg/L	1	0	0	6B01012	Field	01/25/16 10:38	MCC	
pH	6.5		pH Units	1			6B01012	Field	01/25/16 10:38	MCC	
Specific Conductance (EC)	825		umhos/cm	1	0	0	6B01012	Field	01/25/16 10:38	MCC	
Temperature	23.25		°C	1	0	0	6B01012	Field	01/25/16 10:38	MCC	
Turbidity	2.9		NTU	1	0	0	6B01012	Field	01/25/16 10:38	MCC	

ANALYTICAL RESULTS

Description: MW-5

Lab Sample ID: AZ00150-05

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 11:04

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 14:48	KKW	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	49	1	50.0	98 %	41-142	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Dibromofluoromethane	47	1	50.0	94 %	53-146	6A29013	EPA 8260B	01/29/16 14:48	KKW	
Toluene-d8	50	1	50.0	99 %	41-146	6A29013	EPA 8260B	01/29/16 14:48	KKW	

ANALYTICAL RESULTS

Description: MW-5

Lab Sample ID: AZ00150-05

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 11:04

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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	6A26015	EPA 7470A	01/28/16 09:42	IR	

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]^	82.1	I	ug/L	1	68.0	100	6A26014	EPA 6020A	01/27/16 10:11	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	6A26014	EPA 6020A	01/27/16 10:11	JMA	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	6A26014	EPA 6020A	01/27/16 10:11	JMA	
Chromium [7440-47-3]^	9.76	I	ug/L	1	4.50	10.0	6A26014	EPA 6020A	01/27/16 10:11	JMA	
Iron [7439-89-6]^	25500		ug/L	10	380	500	6A26014	EPA 6020A	01/27/16 10:14	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	6A26014	EPA 6020A	01/27/16 10:11	JMA	
Sodium [7440-23-5]^	36.8		mg/L	1	0.320	1.00	6A26014	EPA 6020A	01/27/16 10:11	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]^	3.2		mg/L	2	0.015	0.040	6A28007	EPA 350.1	01/28/16 10:58	KGonz	
Chloride [16887-00-6]^	40		mg/L	1	0.29	5.0	6A26003	EPA 300.0	01/26/16 17:43	RAIfo	
Nitrate as N [14797-55-8]^	1.4		mg/L	1	0.052	1.0	6A26003	EPA 300.0	01/26/16 17:43	RAIfo	
Sulfate [14808-79-8]^	27		mg/L	1	0.07	5.0	6A26003	EPA 300.0	01/26/16 17:43	RAIfo	
Total Dissolved Solids^	820		mg/L	1	10	10	6A27033	SM 2540C-1997	01/28/16 21:40	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	45.97		Ft	1			6B01012	Field	01/25/16 11:04	MCC	
Dissolved Oxygen	0.14		mg/L	1	0	0	6B01012	Field	01/25/16 11:04	MCC	
pH	6.2		pH Units	1			6B01012	Field	01/25/16 11:04	MCC	
Specific Conductance (EC)	1451		umhos/cm	1	0	0	6B01012	Field	01/25/16 11:04	MCC	
Temperature	26.88		°C	1	0	0	6B01012	Field	01/25/16 11:04	MCC	
Turbidity	13.5		NTU	1	0	0	6B01012	Field	01/25/16 11:04	MCC	

ANALYTICAL RESULTS

Description: MW-7

Lab Sample ID: AZ00150-06

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 11:48

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 15:18	KKW	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	47	1	50.0	94 %	41-142	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Dibromofluoromethane	51	1	50.0	102 %	53-146	6A29013	EPA 8260B	01/29/16 15:18	KKW	
Toluene-d8	47	1	50.0	94 %	41-146	6A29013	EPA 8260B	01/29/16 15:18	KKW	

ANALYTICAL RESULTS

Description: MW-7

Lab Sample ID: AZ00150-06

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 11:48

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: Chris Monaco

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]^	0.100	I	ug/L	1	0.0230	0.200	6A26015	EPA 7470A	01/28/16 09:45	IR	

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]^	152		ug/L	1	68.0	100	6A26014	EPA 6020A	01/27/16 10:18	JMA	
Arsenic [7440-38-2]^	10.8		ug/L	1	6.10	10.0	6A26014	EPA 6020A	01/27/16 10:18	JMA	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	6A26014	EPA 6020A	01/27/16 10:18	JMA	
Chromium [7440-47-3]^	33.9		ug/L	1	4.50	10.0	6A26014	EPA 6020A	01/27/16 10:18	JMA	
Iron [7439-89-6]^	22400		ug/L	10	380	500	6A26014	EPA 6020A	01/27/16 10:25	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	6A26014	EPA 6020A	01/27/16 10:18	JMA	
Sodium [7440-23-5]^	26.0		mg/L	1	0.320	1.00	6A26014	EPA 6020A	01/27/16 10:18	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]^	0.051		mg/L	1	0.0073	0.020	6A28007	EPA 350.1	01/28/16 10:44	KGonz	
Chloride [16887-00-6]^	41		mg/L	1	0.29	5.0	6A26003	EPA 300.0	01/26/16 19:02	RAIfo	
Nitrate as N [14797-55-8]^	0.79	I	mg/L	1	0.052	1.0	6A26003	EPA 300.0	01/26/16 19:02	RAIfo	
Sulfate [14808-79-8]^	380		mg/L	4	0.26	20	6A26003	EPA 300.0	01/26/16 20:06	RAIfo	
Total Dissolved Solids^	1100		mg/L	1	10	10	6A27033	SM 2540C-1997	01/28/16 21:40	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	46.56		Ft	1			6B01012	Field	01/25/16 11:48	MCC	
Dissolved Oxygen	0.13		mg/L	1	0	0	6B01012	Field	01/25/16 11:48	MCC	
pH	6.22		pH Units	1			6B01012	Field	01/25/16 11:48	MCC	
Specific Conductance (EC)	1547		umhos/cm	1	0	0	6B01012	Field	01/25/16 11:48	MCC	
Temperature	24.87		°C	1	0	0	6B01012	Field	01/25/16 11:48	MCC	
Turbidity	5.8		NTU	1	0	0	6B01012	Field	01/25/16 11:48	MCC	

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AZ00150-07

Received: 01/25/16 14:34

Matrix: Ground Water

Sampled: 01/25/16 00:00

Work Order: AZ00150

Project: FRIENDS RECYCLING FORMERLY OCALA
RECYCLING

Sampled By: ENCO

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	6A29013	EPA 8260B	01/29/16 15:47	KKW	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	50	1	50.0	100 %	41-142	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Dibromofluoromethane	50	1	50.0	100 %	53-146	6A29013	EPA 8260B	01/29/16 15:47	KKW	
Toluene-d8	47	1	50.0	94 %	41-146	6A29013	EPA 8260B	01/29/16 15:47	KKW	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6A29013 - EPA 5030B_MS

Blank (6A29013-BLK1)

Prepared: 01/29/2016 00:00 Analyzed: 01/29/2016 10:19

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							
1,1-Dichloroethane	0.62	U	1.0	ug/L							
1,1-Dichloroethene	0.94	U	1.0	ug/L							
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							
1,2-Dichloroethane	0.63	U	1.0	ug/L							
1,2-Dichloropropane	0.80	U	1.0	ug/L							
1,3-Dichlorobenzene	0.77	U	1.0	ug/L							
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	1.9	U	5.0	ug/L							
Benzene	0.71	U	1.0	ug/L							
Bromodichloromethane	0.52	U	1.0	ug/L							
Bromoform	0.75	U	1.0	ug/L							
Bromomethane	0.95	U	1.0	ug/L							
Carbon tetrachloride	0.94	U	1.0	ug/L							
Chlorobenzene	0.72	U	1.0	ug/L							
Chloroethane	0.98	U	1.0	ug/L							
Chloroform	0.80	U	1.0	ug/L							
Chloromethane	0.82	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							
Dibromochloromethane	0.44	U	1.0	ug/L							
Dichlorodifluoromethane	0.74	U	1.0	ug/L							
Ethylbenzene	0.69	U	1.0	ug/L							
m,p-Xylenes	1.3	U	2.0	ug/L							
Methylene chloride	2.0	U	5.0	ug/L							
Methyl-tert-Butyl Ether	0.60	U	1.0	ug/L							
o-Xylene	0.53	U	1.0	ug/L							
Tetrachloroethene	0.76	U	1.0	ug/L							
Toluene	0.72	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							
Trichloroethene	0.89	U	1.0	ug/L							
Trichlorofluoromethane	0.94	U	1.0	ug/L							
Vinyl chloride	0.71	U	1.0	ug/L							
Xylenes (Total)	1.3	U	2.0	ug/L							
4-Bromofluorobenzene	48			ug/L	50.0		95	41-142			
Dibromofluoromethane	48			ug/L	50.0		96	53-146			
Toluene-d8	51			ug/L	50.0		101	41-146			

LCS (6A29013-BS1)

Prepared: 01/29/2016 00:00 Analyzed: 01/29/2016 09:19

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0		102	47-139			
Benzene	20		1.0	ug/L	20.0		99	56-136			
Chlorobenzene	20		1.0	ug/L	20.0		100	51-139			
Toluene	20		1.0	ug/L	20.0		98	64-131			
Trichloroethene	20		1.0	ug/L	20.0		102	62-135			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6A29013 - EPA 5030B_MS - Continued

LCS (6A29013-BS1) Continued

Prepared: 01/29/2016 00:00 Analyzed: 01/29/2016 09:19

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Bromofluorobenzene	47			ug/L	50.0		94	41-142			
Dibromofluoromethane	51			ug/L	50.0		103	53-146			
Toluene-d8	50			ug/L	50.0		100	41-146			

Matrix Spike (6A29013-MS1)

Prepared: 01/29/2016 00:00 Analyzed: 01/29/2016 19:46

Source: AZ00150-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.94 U	110	47-139			
Benzene	20		1.0	ug/L	20.0	0.71 U	98	56-136			
Chlorobenzene	21		1.0	ug/L	20.0	0.72 U	104	51-139			
Toluene	21		1.0	ug/L	20.0	0.72 U	107	64-131			
Trichloroethene	20		1.0	ug/L	20.0	0.89 U	98	62-135			
4-Bromofluorobenzene	50			ug/L	50.0		100	41-142			
Dibromofluoromethane	48			ug/L	50.0		95	53-146			
Toluene-d8	47			ug/L	50.0		93	41-146			

Matrix Spike Dup (6A29013-MSD1)

Prepared: 01/29/2016 00:00 Analyzed: 01/29/2016 20:15

Source: AZ00150-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.94 U	110	47-139	0.4	16	
Benzene	21		1.0	ug/L	20.0	0.71 U	103	56-136	6	14	
Chlorobenzene	21		1.0	ug/L	20.0	0.72 U	103	51-139	0.4	13	
Toluene	21		1.0	ug/L	20.0	0.72 U	104	64-131	3	16	
Trichloroethene	22		1.0	ug/L	20.0	0.89 U	110	62-135	12	20	
4-Bromofluorobenzene	49			ug/L	50.0		99	41-142			
Dibromofluoromethane	49			ug/L	50.0		99	53-146			
Toluene-d8	47			ug/L	50.0		94	41-146			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 6A26015 - EPA 7470A

Blank (6A26015-BLK1)

Prepared: 01/27/2016 11:32 Analyzed: 01/28/2016 08:48

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 (6A26015-BLK2)

Prepared: 01/27/2016 11:32 Analyzed: 01/28/2016 08:51

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

Blank (6A26015-BLK3)

Prepared: 01/27/2016 11:32 Analyzed: 01/28/2016 09:01

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

QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 6A26015 - EPA 7470A - Continued

LCS (6A26015-BS1)

Prepared: 01/27/2016 11:32 Analyzed: 01/28/2016 09:04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.96		0.200	ug/L	5.00		99	80-120			

Matrix Spike (6A26015-MS1)

Prepared: 01/27/2016 11:32 Analyzed: 01/28/2016 09:11

Source: AZ00150-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.13		0.200	ug/L	5.00	0.0355	82	75-125			

Matrix Spike Dup (6A26015-MSD1)

Prepared: 01/27/2016 11:32 Analyzed: 01/28/2016 09:14

Source: AZ00150-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.12		0.200	ug/L	5.00	0.0355	82	75-125	0.3	20	

Post Spike (6A26015-PS1)

Prepared: 01/28/2016 06:00 Analyzed: 01/28/2016 09:17

Source: AZ00150-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.08		0.200	ug/L	5.61	0.0335	90	80-120			

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

Batch 6A26014 - EPA 3005A

Blank (6A26014-BLK1)

Prepared: 01/26/2016 09:24 Analyzed: 01/27/2016 09:14

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

LCS (6A26014-BS1)

Prepared: 01/26/2016 09:24 Analyzed: 01/27/2016 09:17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	996		100	ug/L	1000		100	80-120			
Arsenic	475		10.0	ug/L	500		95	80-120			
Cadmium	48.8		3.00	ug/L	50.0		98	80-120			
Chromium	505		10.0	ug/L	500		101	80-120			
Iron	1000		50.0	ug/L	1000		100	80-120			
Lead	497		5.00	ug/L	500		99	80-120			
Sodium	25.4		1.00	mg/L	25.0		102	80-120			

Matrix Spike (6A26014-MS1)

Prepared: 01/26/2016 09:24 Analyzed: 01/27/2016 09:24

Source: AZ00150-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	981		100	ug/L	1000	68.0 U	98	75-125			
Arsenic	523		10.0	ug/L	500	12.4	102	75-125			

QUALITY CONTROL DATA

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

Batch 6A26014 - EPA 3005A - Continued

Matrix Spike (6A26014-MS1) Continued

Prepared: 01/26/2016 09:24 Analyzed: 01/27/2016 09:24

Source: AZ00150-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cadmium	48.9		3.00	ug/L	50.0	1.10 U	98	75-125			
Chromium	528		10.0	ug/L	500	4.50 U	106	75-125			
Iron	9900	L	50.0	ug/L	1000	8690	120	75-125			E
Lead	479		5.00	ug/L	500	1.60 U	96	75-125			
Sodium	56.6		1.00	mg/L	25.0	30.9	103	75-125			

Matrix Spike Dup (6A26014-MSD1)

Prepared: 01/26/2016 09:24 Analyzed: 01/27/2016 09:24

Source: AZ00150-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	991		100	ug/L	1000	68.0 U	99	75-125	1	20	
Arsenic	504		10.0	ug/L	500	12.4	98	75-125	4	20	
Cadmium	49.6		3.00	ug/L	50.0	1.10 U	99	75-125	1	20	
Chromium	512		10.0	ug/L	500	4.50 U	102	75-125	3	20	
Iron	10100	L	50.0	ug/L	1000	8690	138	75-125	2	20	E, QM-17
Lead	495		5.00	ug/L	500	1.60 U	99	75-125	3	20	
Sodium	56.9		1.00	mg/L	25.0	30.9	104	75-125	0.7	20	

Post Spike (6A26014-PS1)

Prepared: 01/27/2016 08:00 Analyzed: 01/27/2016 09:33

Source: AZ00150-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	101		10.0	ug/L	98.0	2.22	101	80-120			
Arsenic	48.2		1.00	ug/L	49.0	1.22	96	80-120			
Cadmium	4.79		0.300	ug/L	4.90	0.0195	97	80-120			
Chromium	51.0		1.00	ug/L	49.0	-0.0649	104	80-120			
Iron	979	L	5.00	ug/L	98.0	852	129	80-120			E, QM-08
Lead	46.7		0.500	ug/L	49.0	0.0315	95	80-120			
Sodium	5580		100	ug/L	2450	3030	104	80-120			

Batch AA37317 - 6A26014

Serial Dilution (AA37317-SRD1)

Prepared: 01/26/2016 09:24 Analyzed: 01/27/2016 09:39

Source: AZ00150-01RE1

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	8830		1000	ug/L		9280			5		

Classical Chemistry Parameters - Quality Control

Batch 6A26003 - NO PREP

Blank (6A26003-BLK1)

Prepared: 01/26/2016 02:02 Analyzed: 01/26/2016 12:19

Analyte	Result	Flaq	POL	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 (6A26003-BS1)

Prepared: 01/26/2016 02:02 Analyzed: 01/26/2016 12:55

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 6A26003 - NO PREP - Continued

LCS (6A26003-BS1) Continued

Prepared: 01/26/2016 02:02 Analyzed: 01/26/2016 12:55

Analyte	Result	Flag	POL	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		100	90-110			
Sulfate	52		5.0	mg/L	50.0		104	90-110			

Matrix Spike (6A26003-MS1)

Prepared: 01/26/2016 02:02 Analyzed: 01/26/2016 13:11

Source: AZ00194-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	70		5.0	mg/L	50.0	16	107	90-110			
Nitrate as N	9.9		1.0	mg/L	10.0	0.052 U	99	90-110			
Sulfate	57		5.0	mg/L	50.0	2.6	109	90-110			

Matrix Spike (6A26003-MS2)

Prepared: 01/26/2016 02:02 Analyzed: 01/26/2016 16:07

Source: AZ00194-05

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	65		5.0	mg/L	50.0	12	107	90-110			
Nitrate as N	9.7		1.0	mg/L	10.0	0.052 U	97	90-110			
Sulfate	52		5.0	mg/L	50.0	0.27	102	90-110			

Matrix Spike Dup (6A26003-MSD1)

Prepared: 01/26/2016 02:02 Analyzed: 01/26/2016 13:27

Source: AZ00194-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	70		5.0	mg/L	50.0	16	107	90-110	0.3	10	
Nitrate as N	9.7		1.0	mg/L	10.0	0.052 U	97	90-110	1	10	
Sulfate	55		5.0	mg/L	50.0	2.6	105	90-110	4	10	

Matrix Spike Dup (6A26003-MSD2)

Prepared: 01/26/2016 02:02 Analyzed: 01/26/2016 16:23

Source: AZ00194-05

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	68		5.0	mg/L	50.0	12	113	90-110	4	10	QM-07
Nitrate as N	10		1.0	mg/L	10.0	0.052 U	103	90-110	5	10	
Sulfate	54		5.0	mg/L	50.0	0.27	108	90-110	5	10	

Batch 6A27033 - NO PREP

Blank (6A27033-BLK1)

Prepared: 01/27/2016 20:51 Analyzed: 01/28/2016 21:40

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

LCS (6A27033-BS1)

Prepared: 01/27/2016 20:51 Analyzed: 01/28/2016 21:40

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

Duplicate (6A27033-DUP1)

Prepared: 01/27/2016 20:51 Analyzed: 01/28/2016 21:40

Source: A508465-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 6A27033 - NO PREP - Continued

Duplicate (6A27033-DUP1) Continued

Prepared: 01/27/2016 20:51 Analyzed: 01/28/2016 21:40

Source: A508465-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	380		10	mg/L		370			3	5	

Batch 6A28007 - NO PREP

Blank (6A28007-BLK1)

Prepared: 01/28/2016 08:39 Analyzed: 01/28/2016 10:27

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

LCS (6A28007-BS1)

Prepared: 01/28/2016 08:39 Analyzed: 01/28/2016 10:39

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.0		0.020	mg/L	1.00		102	90-110			

Matrix Spike (6A28007-MS1)

Prepared: 01/28/2016 08:39 Analyzed: 01/28/2016 10:32

Source: AZ00150-04

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.86		0.020	mg/L	1.00	0.0073 U	86	90-110			QM-07

Matrix Spike (6A28007-MS2)

Prepared: 01/28/2016 08:39 Analyzed: 01/28/2016 10:38

Source: A506933-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.1		0.020	mg/L	1.00	0.16	98	90-110			

Matrix Spike Dup (6A28007-MSD1)

Prepared: 01/28/2016 08:39 Analyzed: 01/28/2016 10:33

Source: AZ00150-04

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.83		0.020	mg/L	1.00	0.0073 U	83	90-110	4	10	QM-07

FLAGS/NOTES AND DEFINITIONS

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

ENVIRONMENTAL CONSERVATION LABORATORIES

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

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

CHAIN-OF-CUSTODY RECORD

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

www.encolabs.com

Page 1 of 1

Client Name Friends Recycling (FR008)		Project Number 21012		8260B Arom/Halo Al,As,Cd,Cr,Fe,Na,Pb,Hg Ammonia 350.1 Chloride 300 Nitrate as N 300 Sulfate 300 TDS SM2540C	Requested Analyses					Requested Turnaround Times	
Address 2350 NW 27th Avenue		Project Name/Desc FRIENDS RECYCLING FORMERLY OCALA RECYCLING								Note : Rush requests subject to acceptance by the facility	
City/ST/Zip Ocala, FL 34475		PO # / Billing Info								☒ Standard	
Tel (352) 266-4853	Fax (352) 622-4999	Reporting Contact Nick Giumarelli								☐ Expedited	
Sampler(s) Name, Affiliation (Print) Chris Monaco, ENCO		Billing Contact Nick Giumarelli								Due ___/___/___	
Sampler(s) Signature 		Site Location / Time Zone FL/EST							Lab Workorder A700150		

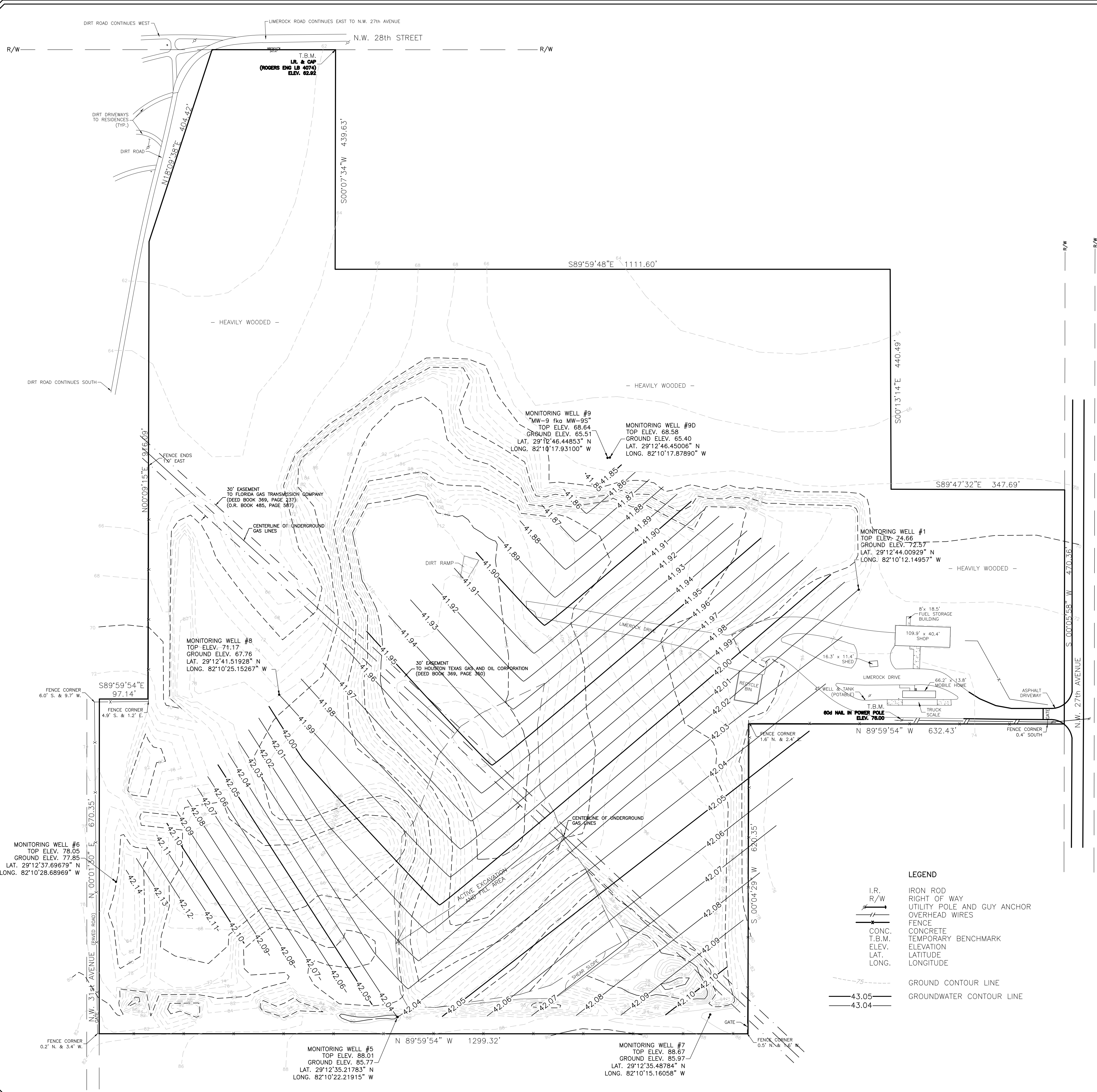
[illegible]

Sample Kit Prepared By <i>SR</i>	Date/Time <i>01/13/16 1300</i>	Relinquished By <i>[Signature]</i>	Date/Time <i>01/13/16 1300</i>	Received By <i>[Signature]</i>	Date/Time <i>1/14/16 1630</i>
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time <i>1/25/16 1434</i>	Received By <i>S. Casny</i>	Date/Time <i>1/25/16 1434</i>
		Relinquished By <i>[Signature]</i>	Date/Time <i>1/25/16 1434</i>	Received By <i>[Signature]</i>	Date/Time <i>01/25/16 1434</i>
		Cooler #1's & Temps on Receipt <i>LG-339 @ -1.3°C</i>			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.



NOTES:

1. THIS PROPERTY CONTAINS AN ACTIVE LANDFILL OPERATION THAT ALTERS THE GROUND CONTOUR ELEVATIONS IN CERTAIN AREAS ON A DAILY BASIS. THE CONTOUR LINES SHOWN HEREON REPRESENT THE PROPERTY CONDITION ON THE DATE OF THE SURVEY.
2. FIELD SURVEY DATE : 12-21-2012.
3. ELEVATIONS AND CONTOURS SHOWN HEREON ARE BASED ON N.G.V.D. DATUM; CITY OF OCALA BM @ N.W. 27th AVENUE AND N.W. 18th STREET; ELEVATION 69.47 (NAVD-88).
4. THE TOP ELEVATION OF THE MONITORING WELLS, AS SHOWN HEREON, REPRESENT THE ELEVATION OF THE TOP OF THE WELL CASING ON THE NORTH EDGE. THE GROUND ELEVATION REPRESENTS THE ELEVATION OF THE GROUND, NEXT TO THE WELL CASING ON THE NORTH SIDE.

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

ROBERT M. COUCH III, P.E. :
FLORIDA REG. No. 55311
DATE :
C.O.A. No. 8692

ENVIRO-TECH, INC. ENVIRONMENTAL & CIVIL ENGINEERING CONSULTANTS		FRIENDS RECYCLING, LLC. MARION COUNTY, FLORIDA		GROUNDWATER CONTOURS		REVISIONS	
15290 SE HWY 42, PO BOX 152 WEIRSDALE, FLORIDA 32195				PHONE: (352) 694-1799 FAX: (866) 832-0250		PLOTTED: RMC-3 N/A	
SITE PLAN						DRAWN: RMC-3 N/A	
P.N. 2009-						DESIGNED: RMC-3 N/A	
Sht. 1 of 1						CHECKED: RMC-3 N/A	
				SCALE: 1" = 100'			