SEMI-ANNUAL MONITORING REPORT

FIRST HALF 2017

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 2, 2017

ROBERT M. COUCH III LICENSE No. 55311 STATE OF FLORIDA PROFESSIONAL ENGINEER

ROBERT M. COUCH III LICENSE NO. 55311 STATE OF FLORIDA PROFESSIONAL ENGINEER 2/2/2017

Robert M. Couch III, P.E.

Digitally signed by Robert M. Couch III, P.E.
DN: cn=Robert M. Couch III, P.E., o=ENVIRO-TECH, Inc., ou=Reg. No. 55311, email=envirotech@ymail.com, c=US
Date: 2017.02.02 23:31:56 -05'00'

February 2, 2017

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the First Half of 2017
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 2017 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 20, 2017, (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 20, 2017 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	2.8	2.8	ug/L	EPA 350.1
Iron - Total	7530	300	ug/L	EPA 6010C
Total Dissolved Solids	780	500	mg/L	SM 2540C-1997

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	3.6	2.8	ug/L	EPA 350.1
Iron - Total	16400	300	ug/L	EPA 6010C
Total Dissolved Solids	810	500	mg/L	SM 2540C-1997

MW-6

Analyte	Results	Groundwater Criteria	Units	Method
ALL ITEMS BELOW	GROUND WATER	TARGET	CLEAN UP	LEVELS
Total Dissolved Solids	500	500	mg/L	SM 2540C-1997

MW-7

Analyte	Results	Groundwater Criteria	Units	Method
Aluminum - Total	279	200	ug/L	EPA 6020A
Arsenic - Total	13.2	10	ug/L	EPA 6010C
Iron - Total	13200	300	ug/L	EPA 6010C
Total Dissolved Solids	750	500	mg/L	SM 2540C-1997

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	7.2	2.8	ug/L	EPA 350.1
Iron - Total	17300	300	ug/L	EPA 6010C
Total Dissolved Solids	720	500	mg/L	SM 2540C-1997

MW-9

Analyte	Results	Groundwater Criteria	Units	Method
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 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-8 were lower or equal to the previous concentrations for this sampling event. Any 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.

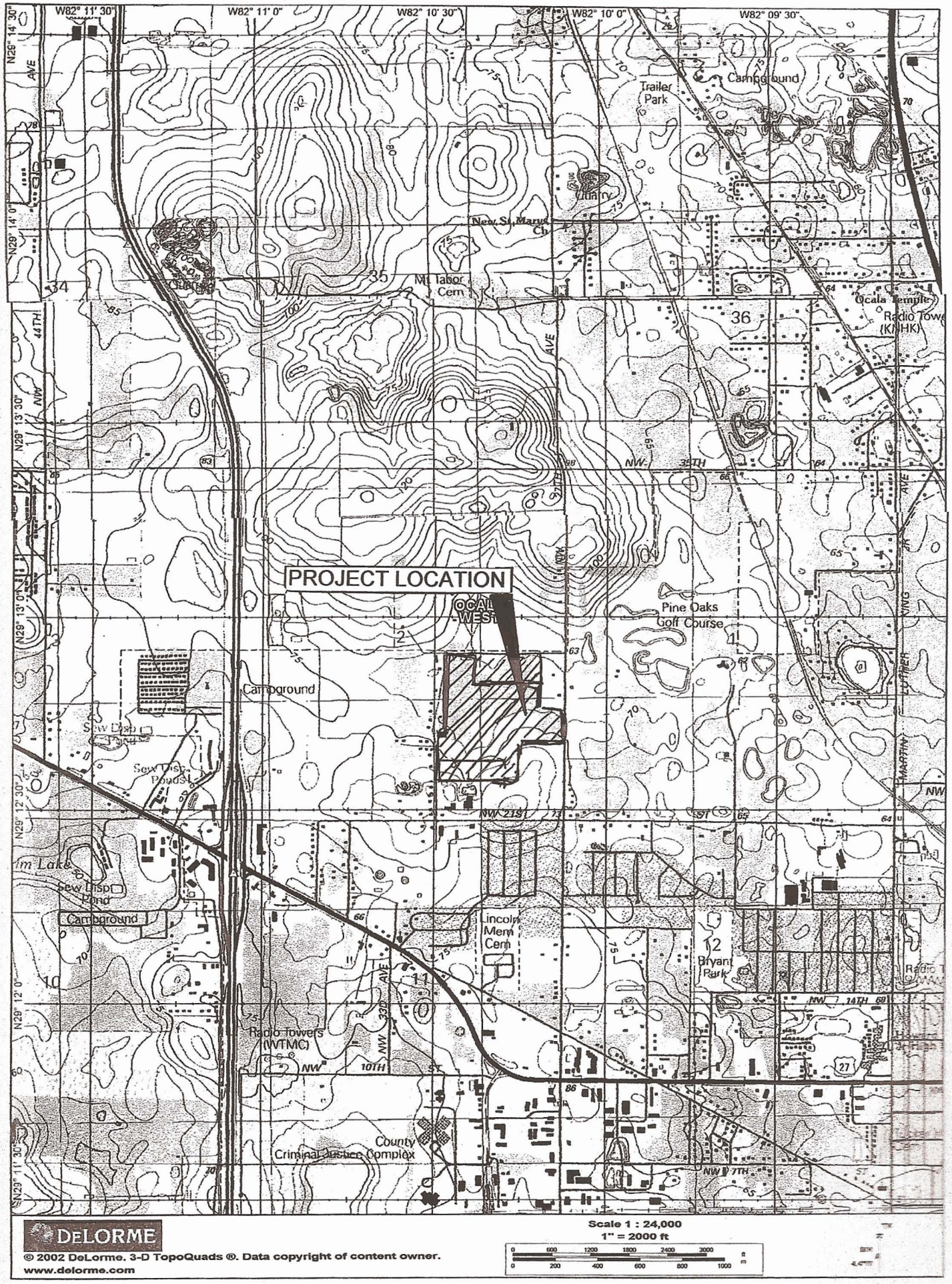
Thank you for the opportunity to provide consulting services to the Friends Recycling C&D Landfill. If you have any questions or comments about this report, please feel free to contact me at (352) 694-1799.

Sincerely,

Robert M. Couch III

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

APPENDIX


W82° 11' 30"
W82° 11' 0"
W82° 10' 30"
W82° 10' 0"
W82° 09' 30"
N29° 14' 30"
N29° 14' 0"
N29° 13' 30"
N29° 13' 0"
N29° 12' 30"
N29° 12' 0"
N29° 11' 30"
PROJECT LOCATION
Trailer Park
Campground
Quarry
New St. Marys Ch
Mt Tabor Cem
Ocala Temple
Radio Towe
(KNHK)
Pine Oaks Golf Course
Campground
Sew Disp Pond
Sew Disp Ponds
Im Lake
Sew Disp Pond
Campground
Lincoln Mem Cem
Bryant Park
Radio Towers (WTMC)
County Criminal Justice Complex
34
35
36
10
11
12
44TH AVE
35TH AVE
MARTIN LUTHER KING
NW 21ST ST
NW 14TH ST
NW 10TH ST
NW 7TH ST
330' NW
DELORME
Scale 1 : 24,000
1" = 2000 ft
© 2002 DeLorme. 3-D TopoQuads ®. Data copyright of content owner.
www.delorme.com

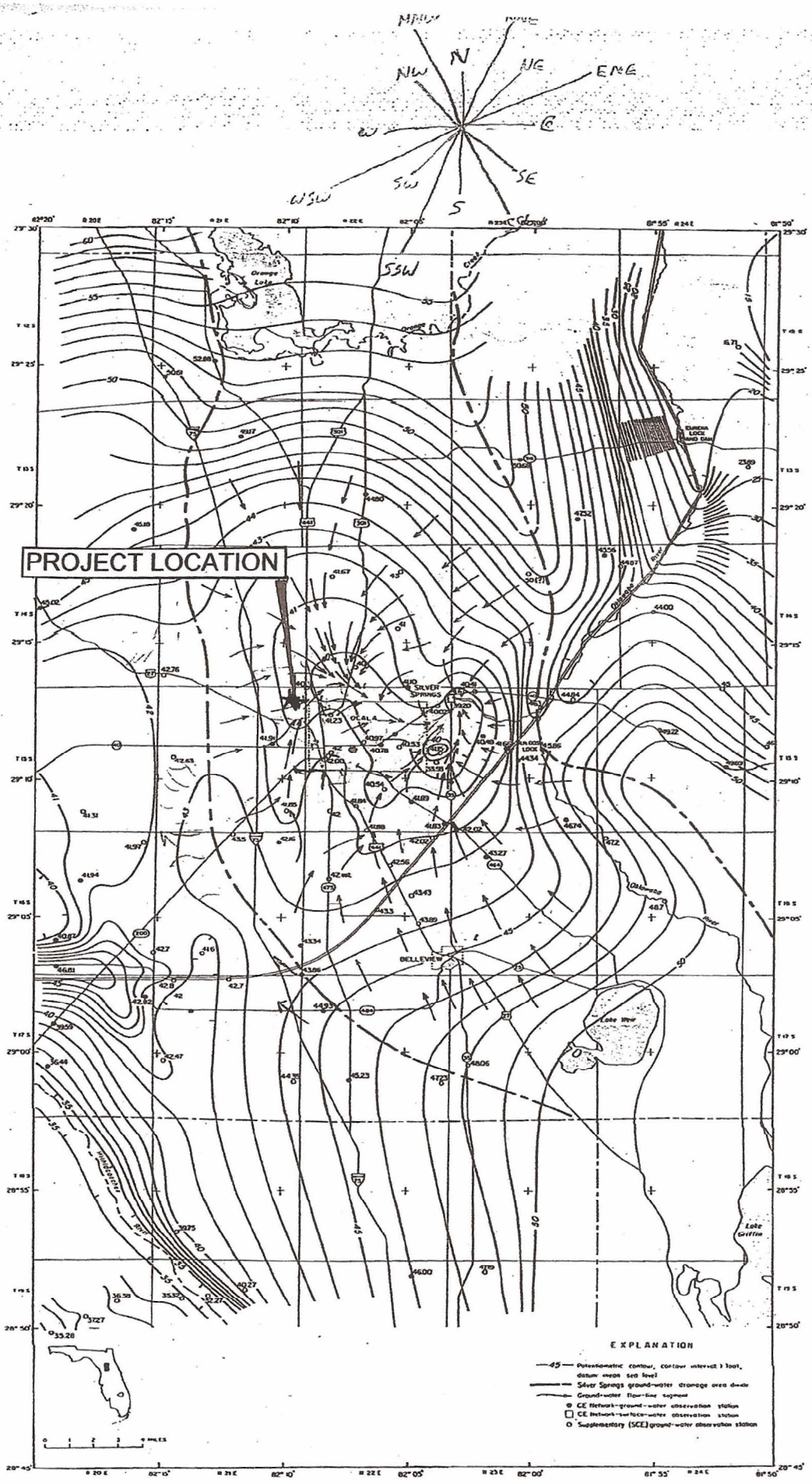


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
WACS Facility: 21012 Friends Recycling Facility

February 2, 2017

GROUNDWATER								
Well No.	**WACS No.**	**Latitude**	**Longitude**	**Ground Surface Elevation**	**Top of Casing (TOC) Elevation**	**Total Well Depth (2/2/2017)**	**Depth to Water (2/2/2017)**	**Water Table Elevation (2/2/2017)**
MW-1	18811	29d 12' 44.009" N	82d 10' 12.150" W	72.57	74.66	43.45	33.83	40.83
MW-5	22912	29d 12' 35.218" N	82d 10' 22.219" W	85.77	88.01	67.45	47.21	40.80
MW-6	22913	29d 12' 39.697" N	82d 10' 28.570" W	77.85	78.05	53.10	37.03	40.97
MW-7	22914	29d 12' 35.488" N	82d 10' 15.161" W	85.97	88.67	53.60	47.75	40.92
MW-8	22915	29d 12' 41.519" N	82d 10' 25.153" W	67.76	71.17	34.24	30.41	40.76
MW-9	22916	29d 12' 44.853" N	82d 10' 17.931" W	65.51	68.64	32.80	28.05	40.59

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.

2/2/2017
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

DEP 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: JAN 20 2017

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	unk. feet to unk. feet	33.83	ESP

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

= (43.45 feet – 33.83 feet) X .16 gallons/foot = 1.54 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
34.50	35.00	0930	0940	4.00

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)
0934	1.60	1.60	.40	34.04	6.65	24.90	1,143	.26	6.10	Clear	None
0937	1.20	1.20	.40	34.04	6.65	24.95	1,159	.19	3.70	Clear	None
0940	1.20	4.00	.40	34.04	6.64	24.92	1,187	.17	2.00	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		0940	0944

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-1	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-1	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-1	1	~~PE~~ AG	250mL	H_2SO_4	None	<2	Ammonia (350.1)	ESP	≈ 1135
MW-1	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135
		(R) 1-20-17							

REMARKS: Slowed pump to sample

DTW = 33.83 Reference Elevation = 74.66 GWTE = 40.83 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; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

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

DEP 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:	JAN 20 2017		

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	.375	WELL SCREEN INTERVAL DEPTH:	unk. feet to unk. feet	STATIC DEPTH TO WATER (feet):	47.21	PURGE PUMP TYPE OR BAILER:	ESP

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

= (67.45 feet – 47.21 feet) X .16 gallons/foot = 3.24 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	48.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	48.50	PURGING INITIATED AT:	1056	PURGING ENDED AT:	1108	TOTAL VOLUME PURGED (gallons):	7.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1102	3.60	3.60	.60	47.38	6.44	27.01	1,419	.20	13.00	Clear	none
1105	1.80	5.40	.60	47.38	6.44	27.02	1,423	.20	10.90	Clear	none
1108	1.80	7.20	.60	47.38	6.44	27.05	1,426	.15	5.70	Clear	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:	1108	SAMPLING ENDED AT:	1112
PUMP OR TUBING DEPTH IN WELL (feet):	48.50	TUBING MATERIAL CODE:	HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:		FILTER SIZE: ____ µm	
FIELD DECONTAMINATION:	PUMP [Y] N	TUBING Y [N] (replaced)		DUPLICATE:	Y [N]		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-5	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-5	1	~~PEAG~~	250mL	H_2SO_4	None	<2	Ammonia (350.1)	ESP	≈ 1135
MW-5	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135
		@ 1-20-17							

REMARKS: Slowed pump to sample

DTW = 47.21 Reference Elevation = 88.01 GWTE = 40.80 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; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Friends Recycling	SITE LOCATION: Marion County, Florida	
MONITORING_SITE_NUM: MW-6	WACS_WELL: 22913	DATE: JAN 20 2017

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 40 feet to 50 feet	STATIC DEPTH TO WATER (feet): 37.08	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (53.10 feet – 37.08 feet) X .16 gallons/foot = 2.56 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): 38.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.50	PURGING INITIATED AT: 1029	PURGING ENDED AT: 1043	TOTAL VOLUME PURGED (gallons): 4.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1037	2.80	2.80	.35	37.50	6.67	23.50	847	.14	10.80	Clear	None
1040	1.05	3.85	.35	37.50	6.67	23.53	852	.13	4.90	Clear	None
1043	1.05	4.90	.35	37.50	6.67	23.53	855	.12	2.10	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1043	SAMPLING ENDED AT: 1047
PUMP OR TUBING DEPTH IN WELL (feet): 38.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N] (replaced)	DUPLICATE: Y [N]	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-6	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-6	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1325
MW-6	1	~~PEAG~~	250mL	H_2SO_4	None	<2	Ammonia (350.1)	ESP	≈ 1325
MW-6	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1325
		@ 1-26-17							

REMARKS:

DTW = 37.08 Reference Elevation = 78.05 GWTE = 40.97 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; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

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

DEP 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: JAN 20 2017

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	41 feet to 51 feet	47.75	ESP

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

= (53.80 feet – 47.75 feet) X .16 gallons/foot = .97 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
48.50	51.00	1129	1140	3.85

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1134	1.75	1.75	.35	50.07	6.41	25.10	1,136	.20	17.00	Clear	None
1137	1.05	2.80	.35	50.07	6.42	25.15	1,142	.20	13.10	Clear	None
1140	1.05	3.85	.35	50.07	6.48	25.17	1,152	.17	7.70	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		1140	1144

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-7	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-7	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1325
MW-7	1	~~PEAG~~	250mL	H_2SO_4	None	<2	Ammonia (350.1)	ESP	≈ 1325
MW-7	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1325
		PP 1-20-17							

REMARKS:

DTW = 47.75 Reference Elevation = 88.67 GWTE = 40.92 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; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP 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: JAN 20 2017

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	20 feet to 30 feet	30.41	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.24 feet – 30.41 feet) X .16 gallons/foot = .61 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
31.50	31.50	1002	1012	2.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1006	1.00	1.00	.25	30.66	6.51	25.08	1,260	.24	14.00	Clear	None
1009	.75	1.75	.25	30.66	6.50	25.13	1,262	.20	3.00	Clear	None
1012	.75	2.50	.25	30.66	6.50	25.15	1,266	.19	1.50	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		1012	1016

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			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	<2	Metals	ESP	≈ 946
MW-8	1	~~PEAG~~	250mL	H_2SO_4	None	<2	Ammonia (350.1)	ESP	≈ 946
MW-8	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 946
		(1-20-17							

REMARKS: Noticed a Slight sulfur odor to purgewater while sampling.

DTW = 30.41 Reference Elevation = 71.17 GWTE = 40.76 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; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP 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: JAN 20 2017

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	.375	unk. feet to unk. feet	28.05	ESP

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

= (32.80 feet – 28.05 feet) X .16 gallons/foot = .76 gallons

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
29.00	29.00	0851	0907	4.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0901	3.00	3.00	.30	28.19	6.76	23.10	868	.17	21.90	Clear	None
0904	.90	3.90	.30	28.19	6.77	23.12	869	.20	7.00	Clear	None
0907	.90	4.80	.30	28.19	6.77	23.13	870	.19	4.60	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Chris Monaco or Karen LeBeau Ideal Tech Services, Inc.		0907	0911

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			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-9	3	CG	40mL	HCL	None	Not Req'd	8260 (Arom / Halo)	ESP	≈ 100
MW-9	1	PE	250mL	HNO_3	None	<2	Metals	ESP	≈ 1135
MW-9	1	~~PE~~AG	250mL	H_2SO_4	None	<2	Ammonia (350.1)	ESP	≈ 1135
MW-9	1	PE	250mL	4° C	None	Not Req'd	Chloride, Nitrate, Sulfate, TDS	ESP	≈ 1135
		(R) 1-20-17							

REMARKS:

DTW @ PD = 27.98

DTW = 28.05 Reference Elevation = 68.64 GWTE = 40.59 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; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

CALIBRATION LOG

ITS Work Order Number: FRL-17-012017

CLIENT: Friends Recycling

ADDRESS: 2350 NW 27th Ave.

CITY, STATE: Ocala, Florida 34475

Site: Friends Recycling C&D Landfill

START CAL DATE @ TIME: 01/20/17 @ 0750

END CALIBRATION DATE @ TIME: 01/20/17 @ 1340

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.35

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

Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE
	INITIAL	CCV			
4.005	4.00	3.99	-	CC321306	May-17
7.000	7.00	7.01	7.00	CC381652	Oct-17
10.012	10.01	10.00	/	CC375186	Sep-17

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

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

STANDARD (ERTCO Thermometer)		YSI METER TEMP READING		LOT NUMBER	DATE PERFORMED (Quarterly)
		LOW	HIGH		
LOW	5.20	5.22		NA	10/18/16
HIGH	29.10		29.09		10/18/16

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

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

STANDARD (ppm)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
0.00	.13	.18	6GC1072	Mar-17
fresh air @				
19.37 °C	9.17			
24.93 °C		8.25		

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

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

STANDARD µmhos	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
8,974	NM	NM	6GC051	Mar-17
2,764	2764	2777	6GB696	Feb-17
447	NM	NM	No Stock	No Stock
84	84	84	6GB199	Feb-17

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

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

STANDARD (mV)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
200	NM	NM	6GA1036	Oct-16
400	NM	NM	5GL455	Dec-16

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

HACH POCKET COLORIMETER II S/N 06070D052733

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

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)

STANDARD (ntu)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
1000	NM	NM	See Below	Sep-18
100	100	100	See Below	Sep-18
10	10	10	See Below	Sep-18
0.02	.02	.02	See Below	Sep-18

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 60973

Remarks:

Weather Conditions: Partly Sunny 70-75°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #102716301WF2330710

Exp Date 04/30/18

Equipment Blank Data - Collected @ none collected

pH = / Cond = /

Temp = / D.O. = /

Turbidity = /

Notes: **NA** - Not Applicable, **NM** - Not Measured, **CCV** - Continuing Calibration Verification Form Rev 5.35 on 11/28/16: Update for Calibration Solutions

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

COPY TO: Nick Giumarelli

SIGNED: Karen LeBeau

Chris Monaco or Karen LeBeau

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

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

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

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

www.encolabs.com

Page 1 of 1

Client Name: FL Glass Recycling	Project Number: 21012
Address: 2350 NW 27th Ave.	Project Name/Desc: Florida Recycling Services Ocala Recycling
City/ST/Zip: Ocala, FL 34475	PO # / Billing Info:
Tel: 352 266-4953 Fax: 352-622-4909	Reporting Contact: Nick Giumarelli
Sampler(s) Name, Affiliation (Print): Chris Nance Field Tech Services Inc.	Billing Contact: Nick Giumarelli
Sampler(s) Signature:	Site Location / Time Zone: FLEST

Requested Analyses

8260 Aromatics/MTBE	RCRA As, Cd, Cr, Fe, Ni, Pb, Se	Ammonia 350.1	Chloride 300	Nitrate as N 300	Sulfate 300	TDS SM2540C	Field Parameters		

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	H	N	S	I	I	I	I	-			Sample Comments
	MW-1	1-20-17	0944	G-Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-5	1-20-17	1112	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-6	1-20-17	1017	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-7	1-20-17	1114	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-8	1-20-17	1016	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-9	1-20-17	0911	Grab	GW	6	X	X	X	X	X	X	X	X			
	trip blank	—	—	Grab	OT	2	X	—	—	—	—	—	—	—			VT-VOA DI WATER

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
					1/5/17 1445
Comments/Special Reporting Requirements		Relinquished By	1/20/17 1211	Received By	1/20/17 1310
		Relinquished By	1/20/17 1315	Received By	1/20 1315
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

Preservation: **I**-Ice **H**-HCl **N**-HNO3 **S**-H2SO4 **NO**-NaOH **O**-Other (detail in comments)

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

ENCO Laboratories
Accurate. Timely. Responsive. Innovative.

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

Friday, January 27, 2017
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): AA00001

Dear Nick Giumarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, January 20, 2017.

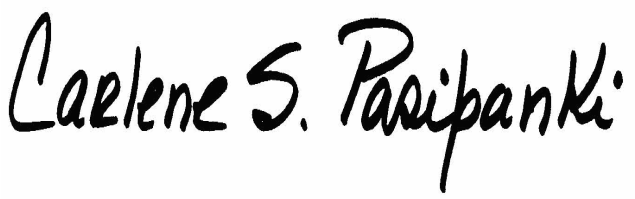
Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

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,



Carlene S Pasipanki For Kaitlin Dylnicki

Project Manager

Enclosure(s)

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1 **Lab ID: AA00001-01** **Sampled: 01/20/17 09:44** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/22/17	09:44			01/20/17	11:59	01/20/17	21:46
EPA 300.0	02/17/17				01/20/17	11:59	01/20/17	21:46
EPA 6020A	07/19/17				01/23/17	10:17	01/24/17	11:43
EPA 7470A	02/17/17				01/23/17	12:24	01/24/17	08:48
EPA 8260B	02/03/17				01/23/17	00:00	01/23/17	10:55
Field	01/20/17	09:58			01/20/17	09:44	01/20/17	09:44
Field	01/21/17	09:44	01/21/17	09:44	01/20/17	09:44	01/20/17	09:44
Field	01/22/17	09:44			01/20/17	09:44	01/20/17	09:44
SM 2540C-1997	01/27/17				01/24/17	16:58	01/25/17	21:25

Client ID: MW-1 **Lab ID: AA00001-01RE1** **Sampled: 01/20/17 09:44** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	02/17/17	01/26/17	17:00	01/27/17	02:36
EPA 350.1	02/17/17	01/24/17	08:32	01/24/17	11:19
EPA 6020A	07/19/17	01/23/17	10:17	01/26/17	08:21

Client ID: MW-5 **Lab ID: AA00001-02** **Sampled: 01/20/17 11:12** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/22/17	11:12			01/20/17	11:59	01/20/17	22:02
EPA 300.0	02/17/17				01/20/17	11:59	01/20/17	22:02
EPA 6020A	07/19/17				01/23/17	10:17	01/24/17	11:51
EPA 7470A	02/17/17				01/23/17	12:24	01/24/17	09:13
EPA 8260B	02/03/17				01/23/17	00:00	01/23/17	11:24
Field	01/20/17	11:26			01/20/17	11:12	01/20/17	11:12
Field	01/21/17	11:12	01/21/17	11:12	01/20/17	11:12	01/20/17	11:12
Field	01/22/17	11:12			01/20/17	11:12	01/20/17	11:12
SM 2540C-1997	01/27/17				01/24/17	16:58	01/25/17	21:25

Client ID: MW-5 **Lab ID: AA00001-02RE1** **Sampled: 01/20/17 11:12** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 350.1	02/17/17	01/24/17	08:32	01/24/17	11:20
EPA 6020A	07/19/17	01/23/17	10:17	01/24/17	11:54
EPA 6020A	07/19/17	01/23/17	10:17	01/26/17	08:23

Client ID: MW-6 **Lab ID: AA00001-03** **Sampled: 01/20/17 10:47** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	01/22/17	10:47			01/20/17	11:59	01/20/17	22:18
EPA 300.0	02/17/17				01/20/17	11:59	01/20/17	22:18
EPA 350.1	02/17/17				01/24/17	08:32	01/24/17	11:02
EPA 6020A	07/19/17				01/23/17	10:17	01/24/17	11:58
EPA 7470A	02/17/17				01/23/17	12:24	01/24/17	09:15
EPA 8260B	02/03/17				01/23/17	00:00	01/23/17	13:19
Field	01/20/17	11:01			01/20/17	10:47	01/20/17	10:47
Field	01/21/17	10:47	01/21/17	10:47	01/20/17	10:47	01/20/17	10:47
Field	01/22/17	10:47			01/20/17	10:47	01/20/17	10:47
SM 2540C-1997	01/27/17				01/24/17	16:58	01/25/17	21:25

Client ID: MW-6 **Lab ID: AA00001-03RE1** **Sampled: 01/20/17 10:47** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6020A	07/19/17	01/23/17	10:17	01/26/17	08:24

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-7 **Lab ID: AA00001-04** **Sampled: 01/20/17 11:44** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/22/17	11:44			01/20/17	11:59	01/20/17 22:34
EPA 300.0	02/17/17				01/20/17	11:59	01/20/17 22:34
EPA 350.1	02/17/17				01/24/17	08:32	01/24/17 11:03
EPA 6020A	07/19/17				01/23/17	10:17	01/24/17 12:01
EPA 7470A	02/17/17				01/23/17	12:24	01/24/17 09:19
EPA 8260B	02/03/17				01/23/17	00:00	01/23/17 13:48
Field	01/20/17	11:58			01/20/17	11:44	01/20/17 11:44
Field	01/21/17	11:44	01/21/17	11:44	01/20/17	11:44	01/20/17 11:44
Field	01/22/17	11:44			01/20/17	11:44	01/20/17 11:44
SM 2540C-1997	01/27/17				01/24/17	16:58	01/25/17 21:25

Client ID: MW-7 **Lab ID: AA00001-04RE1** **Sampled: 01/20/17 11:44** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	02/17/17	01/26/17	17:00	01/27/17 02:52
EPA 6020A	07/19/17	01/23/17	10:17	01/24/17 12:05
EPA 6020A	07/19/17	01/23/17	10:17	01/26/17 08:25

Client ID: MW-8 **Lab ID: AA00001-05** **Sampled: 01/20/17 10:16** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/22/17	10:16			01/20/17	11:59	01/20/17 22:50
EPA 300.0	02/17/17				01/20/17	11:59	01/20/17 22:50
EPA 6020A	07/19/17				01/23/17	10:17	01/24/17 12:40
EPA 7470A	02/17/17				01/23/17	12:24	01/24/17 09:22
EPA 8260B	02/03/17				01/23/17	00:00	01/23/17 14:17
Field	01/20/17	10:30			01/20/17	10:16	01/20/17 10:16
Field	01/21/17	10:16	01/21/17	10:16	01/20/17	10:16	01/20/17 10:16
Field	01/22/17	10:16			01/20/17	10:16	01/20/17 10:16
SM 2540C-1997	01/27/17				01/24/17	16:58	01/25/17 21:25

Client ID: MW-8 **Lab ID: AA00001-05RE1** **Sampled: 01/20/17 10:16** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 350.1	02/17/17	01/24/17	08:32	01/24/17 11:21
EPA 6020A	07/19/17	01/23/17	10:17	01/24/17 12:43
EPA 6020A	07/19/17	01/23/17	10:17	01/26/17 08:26

Client ID: MW-9 **Lab ID: AA00001-06** **Sampled: 01/20/17 09:11** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	01/22/17	09:11			01/20/17	11:59	01/20/17 23:06
EPA 300.0	02/17/17				01/20/17	11:59	01/20/17 23:06
EPA 350.1	02/17/17				01/24/17	08:32	01/24/17 11:06
EPA 6020A	07/19/17				01/23/17	10:17	01/24/17 12:47
EPA 7470A	02/17/17				01/23/17	12:24	01/24/17 09:25
EPA 8260B	02/03/17				01/23/17	00:00	01/23/17 14:46
Field	01/20/17	09:25			01/20/17	09:11	01/20/17 09:11
Field	01/21/17	09:11	01/21/17	09:11	01/20/17	09:11	01/20/17 09:11
Field	01/22/17	09:11			01/20/17	09:11	01/20/17 09:11
SM 2540C-1997	01/27/17				01/24/17	16:58	01/25/17 21:25

Client ID: MW-9 **Lab ID: AA00001-06RE1** **Sampled: 01/20/17 09:11** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	07/19/17	01/23/17	10:17	01/26/17 08:27

Client ID: TRIP BLANK **Lab ID: AA00001-07** **Sampled: 01/20/17 00:00** **Received: 01/20/17 14:50**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	02/03/17	01/23/17	00:00	01/23/17 15:15

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SAMPLE DETECTION SUMMARY

Client ID: MW-1 **Lab ID: AA00001-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	8.82	I	6.10	10.0	ug/L	EPA 6020A	
Chloride	21		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	33.83				Ft	Field	
Dissolved Oxygen	0.17		0	0	mg/L	Field	
Iron - Total	7370		38.0	50.0	ug/L	EPA 6020A	
pH	6.64				pH Units	Field	
Specific Conductance (EC)	1187		0	0	umhos/cm	Field	
Temperature	24.92		0	0	°C	Field	
Total Dissolved Solids	780		10	10	mg/L	SM 2540C-1997	
Turbidity	2		0	0	NTU	Field	
Water Elevation	40.83				Ft	Field	

Client ID: MW-1 **Lab ID: AA00001-01RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	2.8		0.015	0.040	mg/L	EPA 350.1	
Sodium - Total	25.0		0.320	1.00	mg/L	EPA 6020A	
Sulfate	150		0.13	10	mg/L	EPA 300.0	

Client ID: MW-5 **Lab ID: AA00001-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	36		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	47.21				Ft	Field	
Dissolved Oxygen	0.15		0	0	mg/L	Field	
Nitrate as N	0.054	I	0.052	1.0	mg/L	EPA 300.0	
pH	6.44				pH Units	Field	
Specific Conductance (EC)	1426		0	0	umhos/cm	Field	
Sulfate	15		0.07	5.0	mg/L	EPA 300.0	
Temperature	27.05		0	0	°C	Field	
Total Dissolved Solids	810		10	10	mg/L	SM 2540C-1997	
Turbidity	5.7		0	0	NTU	Field	
Water Elevation	40.8				Ft	Field	

Client ID: MW-5 **Lab ID: AA00001-02RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	3.6		0.015	0.040	mg/L	EPA 350.1	
Iron - Total	16400		380	500	ug/L	EPA 6020A	
Sodium - Total	39.2		0.320	1.00	mg/L	EPA 6020A	

Client ID: MW-6 **Lab ID: AA00001-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.0	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	37.08				Ft	Field	
Dissolved Oxygen	0.12		0	0	mg/L	Field	
Mercury - Total	0.719		0.0230	0.200	ug/L	EPA 7470A	
pH	6.67				pH Units	Field	
Specific Conductance (EC)	855		0	0	umhos/cm	Field	
Sulfate	24		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.53		0	0	°C	Field	
Total Dissolved Solids	500		10	10	mg/L	SM 2540C-1997	
Turbidity	2.1		0	0	NTU	Field	
Water Elevation	40.97				Ft	Field	

Client ID: MW-6 **Lab ID: AA00001-03RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sodium - Total	3.38		0.320	1.00	mg/L	EPA 6020A	

SAMPLE DETECTION SUMMARY

Client ID: MW-7 **Lab ID: AA00001-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	279		68.0	100	ug/L	EPA 6020A	
Arsenic - Total	13.2		6.10	10.0	ug/L	EPA 6020A	
Chloride	23		0.29	5.0	mg/L	EPA 300.0	
Chromium - Total	5.71	I	4.50	10.0	ug/L	EPA 6020A	
Depth to Water	47.75				Ft	Field	
Dissolved Oxygen	0.17		0	0	mg/L	Field	
Mercury - Total	0.0489	I	0.0230	0.200	ug/L	EPA 7470A	
pH	6.48				pH Units	Field	
Specific Conductance (EC)	1152		0	0	umhos/cm	Field	
Temperature	25.17		0	0	°C	Field	
Total Dissolved Solids	750		10	10	mg/L	SM 2540C-1997	
Turbidity	7.7		0	0	NTU	Field	
Water Elevation	40.92				Ft	Field	

Client ID: MW-7 **Lab ID: AA00001-04RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	13200		380	500	ug/L	EPA 6020A	
Sodium - Total	16.8		0.320	1.00	mg/L	EPA 6020A	
Sulfate	160		0.13	10	mg/L	EPA 300.0	

Client ID: MW-8 **Lab ID: AA00001-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	52		0.29	5.0	mg/L	EPA 300.0	
cis-1,2-Dichloroethene	0.65	I	0.53	1.0	ug/L	EPA 8260B	
Depth to Water	30.41				Ft	Field	
Dissolved Oxygen	0.19		0	0	mg/L	Field	
o-Xylene	0.71	I	0.53	1.0	ug/L	EPA 8260B	
pH	6.5				pH Units	Field	
Specific Conductance (EC)	1266		0	0	umhos/cm	Field	
Sulfate	0.23	I	0.07	5.0	mg/L	EPA 300.0	
Temperature	25.15		0	0	°C	Field	
Total Dissolved Solids	720		10	10	mg/L	SM 2540C-1997	
Turbidity	1.5		0	0	NTU	Field	
Water Elevation	40.76				Ft	Field	

Client ID: MW-8 **Lab ID: AA00001-05RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	7.2		0.036	0.10	mg/L	EPA 350.1	
Iron - Total	17300		380	500	ug/L	EPA 6020A	
Sodium - Total	45.2		0.320	1.00	mg/L	EPA 6020A	

Client ID: MW-9 **Lab ID: AA00001-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aluminum - Total	71.0	I	68.0	100	ug/L	EPA 6020A	
Chloride	14		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	28.05				Ft	Field	
Dissolved Oxygen	0.19		0	0	mg/L	Field	
pH	6.77				pH Units	Field	
Specific Conductance (EC)	870		0	0	umhos/cm	Field	
Sulfate	83		0.07	5.0	mg/L	EPA 300.0	
Temperature	23.13		0	0	°C	Field	
Total Dissolved Solids	550		10	10	mg/L	SM 2540C-1997	
Turbidity	4.6		0	0	NTU	Field	
Water Elevation	40.59				Ft	Field	

Client ID: MW-9 **Lab ID: AA00001-06RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sodium - Total	9.02		0.320	1.00	mg/L	EPA 6020A	

ANALYTICAL RESULTS

Description: MW-1 **Lab Sample ID:** AA00001-01 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 09:44 **Work Order:** AA00001

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	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	100	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 10:55	JAJ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*41-142*	*7A23003*	*EPA 8260B*	*01/23/17 10:55*	*JAJ*	
Dibromofluoromethane	*47*	*1*	*50.0*	*93 %*	*53-146*	*7A23003*	*EPA 8260B*	*01/23/17 10:55*	*JAJ*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*41-146*	*7A23003*	*EPA 8260B*	*01/23/17 10:55*	*JAJ*	

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ANALYTICAL RESULTS

Description: MW-1 **Lab Sample ID:** AA00001-01 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 09:44 **Work Order:** AA00001

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	7A23009	EPA 7470A	01/24/17 08:48	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	7A20029	EPA 6020A	01/24/17 11:43	JMA	
Arsenic [7440-38-2]^	**8.82**	I	ug/L	1	6.10	10.0	7A20029	EPA 6020A	01/24/17 11:43	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	7A20029	EPA 6020A	01/24/17 11:43	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	7A20029	EPA 6020A	01/24/17 11:43	JMA	
Iron [7439-89-6]^	**7370**		ug/L	1	38.0	50.0	7A20029	EPA 6020A	01/24/17 11:43	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	7A20029	EPA 6020A	01/24/17 11:43	JMA	
Sodium [7440-23-5]^	**25.0**		mg/L	1	0.320	1.00	7A20029	EPA 6020A	01/26/17 08:21	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]^	**2.8**		mg/L	2	0.015	0.040	7A24005	EPA 350.1	01/24/17 11:19	KGonz	
Chloride [16887-00-6]^	**21**		mg/L	1	0.29	5.0	7A20019	EPA 300.0	01/20/17 21:46	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	7A20019	EPA 300.0	01/20/17 21:46	RSA	
Sulfate [14808-79-8]^	**150**		mg/L	2	0.13	10	7A26001	EPA 300.0	01/27/17 02:36	RSA	
Total Dissolved Solids^	**780**		mg/L	1	10	10	7A24029	SM 2540C-1997	01/25/17 21:25	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**33.83**		Ft	1			7A23012	Field	01/20/17 09:44	K1D	
Dissolved Oxygen	**0.17**		mg/L	1	0	0	7A23012	Field	01/20/17 09:44	K1D	
pH	**6.64**		pH Units	1			7A23012	Field	01/20/17 09:44	K1D	
Specific Conductance (EC)	**1187**		umhos/cm	1	0	0	7A23012	Field	01/20/17 09:44	K1D	
Temperature	**24.92**		°C	1	0	0	7A23012	Field	01/20/17 09:44	K1D	
Turbidity	**2**		NTU	1	0	0	7A23012	Field	01/20/17 09:44	K1D	
Water Elevation	**40.83**		Ft	1			7A23012	Field	01/20/17 09:44	K1D	

ANALYTICAL RESULTS

Description: MW-5 **Lab Sample ID:** AA00001-02 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 11:12 **Work Order:** AA00001

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	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	100	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 11:24	JAJ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*41-142*	*7A23003*	*EPA 8260B*	*01/23/17 11:24*	*JAJ*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*53-146*	*7A23003*	*EPA 8260B*	*01/23/17 11:24*	*JAJ*	
Toluene-d8	*49*	*1*	*50.0*	*98 %*	*41-146*	*7A23003*	*EPA 8260B*	*01/23/17 11:24*	*JAJ*	

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ANALYTICAL RESULTS

Description: MW-5 **Lab Sample ID:** AA00001-02 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 11:12 **Work Order:** AA00001

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	7A23009	EPA 7470A	01/24/17 09:13	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	7A20029	EPA 6020A	01/24/17 11:51	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	7A20029	EPA 6020A	01/24/17 11:51	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	7A20029	EPA 6020A	01/24/17 11:51	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	7A20029	EPA 6020A	01/24/17 11:51	JMA	
Iron [7439-89-6]^	**16400**		ug/L	10	380	500	7A20029	EPA 6020A	01/24/17 11:54	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	7A20029	EPA 6020A	01/24/17 11:51	JMA	
Sodium [7440-23-5]^	**39.2**		mg/L	1	0.320	1.00	7A20029	EPA 6020A	01/26/17 08:23	JMA	

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	**3.6**		mg/L	2	0.015	0.040	7A24005	EPA 350.1	01/24/17 11:20	KGonz	
Chloride [16887-00-6]^	**36**		mg/L	1	0.29	5.0	7A20019	EPA 300.0	01/20/17 22:02	RSA	
Nitrate as N [14797-55-8]^	**0.054**	I	mg/L	1	0.052	1.0	7A20019	EPA 300.0	01/20/17 22:02	RSA	
Sulfate [14808-79-8]^	**15**		mg/L	1	0.07	5.0	7A20019	EPA 300.0	01/20/17 22:02	RSA	
Total Dissolved Solids^	**810**		mg/L	1	10	10	7A24029	SM 2540C-1997	01/25/17 21:25	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**47.21**		Ft	1			7A23012	Field	01/20/17 11:12	K1D	
Dissolved Oxygen	**0.15**		mg/L	1	0	0	7A23012	Field	01/20/17 11:12	K1D	
pH	**6.44**		pH Units	1			7A23012	Field	01/20/17 11:12	K1D	
Specific Conductance (EC)	**1426**		umhos/cm	1	0	0	7A23012	Field	01/20/17 11:12	K1D	
Temperature	**27.05**		°C	1	0	0	7A23012	Field	01/20/17 11:12	K1D	
Turbidity	**5.7**		NTU	1	0	0	7A23012	Field	01/20/17 11:12	K1D	
Water Elevation	**40.8**		Ft	1			7A23012	Field	01/20/17 11:12	K1D	

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AA00001-03 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 10:47 **Work Order:** AA00001

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	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	100	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 13:19	JAJ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*89 %*	*41-142*	*7A23003*	*EPA 8260B*	*01/23/17 13:19*	*JAJ*	
Dibromofluoromethane	*44*	*1*	*50.0*	*89 %*	*53-146*	*7A23003*	*EPA 8260B*	*01/23/17 13:19*	*JAJ*	
Toluene-d8	*44*	*1*	*50.0*	*88 %*	*41-146*	*7A23003*	*EPA 8260B*	*01/23/17 13:19*	*JAJ*	

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AA00001-03 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 10:47 **Work Order:** AA00001

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]^	**0.719**		ug/L	1	0.0230	0.200	7A23009	EPA 7470A	01/24/17 09:15	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	7A20029	EPA 6020A	01/24/17 11:58	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	7A20029	EPA 6020A	01/24/17 11:58	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	7A20029	EPA 6020A	01/24/17 11:58	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	7A20029	EPA 6020A	01/24/17 11:58	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	7A20029	EPA 6020A	01/24/17 11:58	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	7A20029	EPA 6020A	01/24/17 11:58	JMA	
Sodium [7440-23-5]^	**3.38**		mg/L	1	0.320	1.00	7A20029	EPA 6020A	01/26/17 08:24	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	7A24005	EPA 350.1	01/24/17 11:02	KGonz	
Chloride [16887-00-6]^	**3.0**	I	mg/L	1	0.29	5.0	7A20019	EPA 300.0	01/20/17 22:18	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	7A20019	EPA 300.0	01/20/17 22:18	RSA	
Sulfate [14808-79-8]^	**24**		mg/L	1	0.07	5.0	7A20019	EPA 300.0	01/20/17 22:18	RSA	
Total Dissolved Solids^	**500**		mg/L	1	10	10	7A24029	SM 2540C-1997	01/25/17 21:25	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**37.08**		Ft	1			7A23012	Field	01/20/17 10:47	K1D	
Dissolved Oxygen	**0.12**		mg/L	1	0	0	7A23012	Field	01/20/17 10:47	K1D	
pH	**6.67**		pH Units	1			7A23012	Field	01/20/17 10:47	K1D	
Specific Conductance (EC)	**855**		umhos/cm	1	0	0	7A23012	Field	01/20/17 10:47	K1D	
Temperature	**23.53**		°C	1	0	0	7A23012	Field	01/20/17 10:47	K1D	
Turbidity	**2.1**		NTU	1	0	0	7A23012	Field	01/20/17 10:47	K1D	
Water Elevation	**40.97**		Ft	1			7A23012	Field	01/20/17 10:47	K1D	

ANALYTICAL RESULTS

Description: MW-7 **Lab Sample ID:** AA00001-04 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 11:44 **Work Order:** AA00001

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	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	100	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 13:48	JAJ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*41-142*	*7A23003*	*EPA 8260B*	*01/23/17 13:48*	*JAJ*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*53-146*	*7A23003*	*EPA 8260B*	*01/23/17 13:48*	*JAJ*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*41-146*	*7A23003*	*EPA 8260B*	*01/23/17 13:48*	*JAJ*	

ANALYTICAL RESULTS

Description: MW-7 **Lab Sample ID:** AA00001-04 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 11:44 **Work Order:** AA00001

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]^	**0.0489**	I	ug/L	1	0.0230	0.200	7A23009	EPA 7470A	01/24/17 09:19	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]^	**279**		ug/L	1	68.0	100	7A20029	EPA 6020A	01/24/17 12:01	JMA	
Arsenic [7440-38-2]^	**13.2**		ug/L	1	6.10	10.0	7A20029	EPA 6020A	01/24/17 12:01	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	7A20029	EPA 6020A	01/24/17 12:01	JMA	
Chromium [7440-47-3]^	**5.71**	I	ug/L	1	4.50	10.0	7A20029	EPA 6020A	01/24/17 12:01	JMA	
Iron [7439-89-6]^	**13200**		ug/L	10	380	500	7A20029	EPA 6020A	01/24/17 12:05	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	7A20029	EPA 6020A	01/24/17 12:01	JMA	
Sodium [7440-23-5]^	**16.8**		mg/L	1	0.320	1.00	7A20029	EPA 6020A	01/26/17 08:25	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	7A24005	EPA 350.1	01/24/17 11:03	KGonz	
Chloride [16887-00-6]^	**23**		mg/L	1	0.29	5.0	7A20019	EPA 300.0	01/20/17 22:34	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	7A20019	EPA 300.0	01/20/17 22:34	RSA	
Sulfate [14808-79-8]^	**160**		mg/L	2	0.13	10	7A26001	EPA 300.0	01/27/17 02:52	RSA	
Total Dissolved Solids^	**750**		mg/L	1	10	10	7A24029	SM 2540C-1997	01/25/17 21:25	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**47.75**		Ft	1			7A23012	Field	01/20/17 11:44	K1D	
Dissolved Oxygen	**0.17**		mg/L	1	0	0	7A23012	Field	01/20/17 11:44	K1D	
pH	**6.48**		pH Units	1			7A23012	Field	01/20/17 11:44	K1D	
Specific Conductance (EC)	**1152**		umhos/cm	1	0	0	7A23012	Field	01/20/17 11:44	K1D	
Temperature	**25.17**		°C	1	0	0	7A23012	Field	01/20/17 11:44	K1D	
Turbidity	**7.7**		NTU	1	0	0	7A23012	Field	01/20/17 11:44	K1D	
Water Elevation	**40.92**		Ft	1			7A23012	Field	01/20/17 11:44	K1D	

ANALYTICAL RESULTS

Description: MW-8 **Lab Sample ID:** AA00001-05 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 10:16 **Work Order:** AA00001

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	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	100	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	**0.65**	I	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
o-Xylene [95-47-6]^	**0.71**	I	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 14:17	JAJ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*41-142*	*7A23003*	*EPA 8260B*	*01/23/17 14:17*	*JAJ*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*53-146*	*7A23003*	*EPA 8260B*	*01/23/17 14:17*	*JAJ*	
Toluene-d8	*46*	*1*	*50.0*	*91 %*	*41-146*	*7A23003*	*EPA 8260B*	*01/23/17 14:17*	*JAJ*	

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ANALYTICAL RESULTS

Description: MW-8 **Lab Sample ID:** AA00001-05 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 10:16 **Work Order:** AA00001

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	7A23009	EPA 7470A	01/24/17 09:22	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	7A20029	EPA 6020A	01/24/17 12:40	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	7A20029	EPA 6020A	01/24/17 12:40	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	7A20029	EPA 6020A	01/24/17 12:40	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	7A20029	EPA 6020A	01/24/17 12:40	JMA	
Iron [7439-89-6]^	**17300**		ug/L	10	380	500	7A20029	EPA 6020A	01/24/17 12:43	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	7A20029	EPA 6020A	01/24/17 12:40	JMA	
Sodium [7440-23-5]^	**45.2**		mg/L	1	0.320	1.00	7A20029	EPA 6020A	01/26/17 08:26	JMA	

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	**7.2**		mg/L	5	0.036	0.10	7A24005	EPA 350.1	01/24/17 11:21	KGonz	
Chloride [16887-00-6]^	**52**		mg/L	1	0.29	5.0	7A20019	EPA 300.0	01/20/17 22:50	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	7A20019	EPA 300.0	01/20/17 22:50	RSA	
Sulfate [14808-79-8]^	**0.23**	I	mg/L	1	0.07	5.0	7A20019	EPA 300.0	01/20/17 22:50	RSA	
Total Dissolved Solids^	**720**		mg/L	1	10	10	7A24029	SM 2540C-1997	01/25/17 21:25	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**30.41**		Ft	1			7A23012	Field	01/20/17 10:16	K1D	
Dissolved Oxygen	**0.19**		mg/L	1	0	0	7A23012	Field	01/20/17 10:16	K1D	
pH	**6.5**		pH Units	1			7A23012	Field	01/20/17 10:16	K1D	
Specific Conductance (EC)	**1266**		umhos/cm	1	0	0	7A23012	Field	01/20/17 10:16	K1D	
Temperature	**25.15**		°C	1	0	0	7A23012	Field	01/20/17 10:16	K1D	
Turbidity	**1.5**		NTU	1	0	0	7A23012	Field	01/20/17 10:16	K1D	
Water Elevation	**40.76**		Ft	1			7A23012	Field	01/20/17 10:16	K1D	

ANALYTICAL RESULTS

Description: MW-9 **Lab Sample ID:** AA00001-06 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 09:11 **Work Order:** AA00001

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	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	100	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 14:46	JAJ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*41-142*	*7A23003*	*EPA 8260B*	*01/23/17 14:46*	*JAJ*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*53-146*	*7A23003*	*EPA 8260B*	*01/23/17 14:46*	*JAJ*	
Toluene-d8	*48*	*1*	*50.0*	*97 %*	*41-146*	*7A23003*	*EPA 8260B*	*01/23/17 14:46*	*JAJ*	

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ANALYTICAL RESULTS

Description: MW-9 **Lab Sample ID:** AA00001-06 **Received:** 01/20/17 14:50

Matrix: Ground Water **Sampled:** 01/20/17 09:11 **Work Order:** AA00001

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	7A23009	EPA 7470A	01/24/17 09:25	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]^	**71.0**	I	ug/L	1	68.0	100	7A20029	EPA 6020A	01/24/17 12:47	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	7A20029	EPA 6020A	01/24/17 12:47	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	7A20029	EPA 6020A	01/24/17 12:47	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	7A20029	EPA 6020A	01/24/17 12:47	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	7A20029	EPA 6020A	01/24/17 12:47	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	7A20029	EPA 6020A	01/24/17 12:47	JMA	
Sodium [7440-23-5]^	**9.02**		mg/L	1	0.320	1.00	7A20029	EPA 6020A	01/26/17 08:27	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	7A24005	EPA 350.1	01/24/17 11:06	KGonz	
Chloride [16887-00-6]^	**14**		mg/L	1	0.29	5.0	7A20019	EPA 300.0	01/20/17 23:06	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	7A20019	EPA 300.0	01/20/17 23:06	RSA	
Sulfate [14808-79-8]^	**83**		mg/L	1	0.07	5.0	7A20019	EPA 300.0	01/20/17 23:06	RSA	
Total Dissolved Solids^	**550**		mg/L	1	10	10	7A24029	SM 2540C-1997	01/25/17 21:25	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**28.05**		Ft	1			7A23012	Field	01/20/17 09:11	K1D	
Dissolved Oxygen	**0.19**		mg/L	1	0	0	7A23012	Field	01/20/17 09:11	K1D	
pH	**6.77**		pH Units	1			7A23012	Field	01/20/17 09:11	K1D	
Specific Conductance (EC)	**870**		umhos/cm	1	0	0	7A23012	Field	01/20/17 09:11	K1D	
Temperature	**23.13**		°C	1	0	0	7A23012	Field	01/20/17 09:11	K1D	
Turbidity	**4.6**		NTU	1	0	0	7A23012	Field	01/20/17 09:11	K1D	
Water Elevation	**40.59**		Ft	1			7A23012	Field	01/20/17 09:11	K1D	

ANALYTICAL RESULTS

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

Lab Sample ID: AA00001-07
Sampled: 01/20/17 00:00
Sampled By: ENCO

Received: 01/20/17 14:50
Work Order: AA00001

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	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	100	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	7A23003	EPA 8260B	01/23/17 15:15	JAJ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*41-142*	*7A23003*	*EPA 8260B*	*01/23/17 15:15*	*JAJ*	
Dibromofluoromethane	*45*	*1*	*50.0*	*89 %*	*53-146*	*7A23003*	*EPA 8260B*	*01/23/17 15:15*	*JAJ*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*41-146*	*7A23003*	*EPA 8260B*	*01/23/17 15:15*	*JAJ*	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 7A23003 - EPA 5030B_MS

Blank (7A23003-BLK1) Prepared: 01/23/2017 00:00 Analyzed: 01/23/2017 10:26

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							
1,1-Dichloroethane	0.62	U	1.0	ug/L							
1,1-Dichloroethene	0.94	U	1.0	ug/L							
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							
1,2-Dichloroethane	0.63	U	1.0	ug/L							
1,2-Dichloropropane	0.80	U	1.0	ug/L							
1,3-Dichlorobenzene	0.77	U	1.0	ug/L							
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	1.9	U	5.0	ug/L							
Benzene	0.71	U	1.0	ug/L							
Bromodichloromethane	0.52	U	1.0	ug/L							
Bromoform	0.75	U	1.0	ug/L							
Bromomethane	0.95	U	1.0	ug/L							
Carbon tetrachloride	0.94	U	1.0	ug/L							
Chlorobenzene	0.72	U	1.0	ug/L							
Chloroethane	0.98	U	1.0	ug/L							
Chloroform	0.80	U	1.0	ug/L							
Chloromethane	0.82	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							
Dibromochloromethane	0.44	U	1.0	ug/L							
Dichlorodifluoromethane	0.74	U	1.0	ug/L							
Ethylbenzene	0.69	U	1.0	ug/L							
m,p-Xylenes	1.3	U	2.0	ug/L							
Methylene chloride	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	*46*			*ug/L*	*50.0*		*93*	*41-142*			
Dibromofluoromethane	*47*			*ug/L*	*50.0*		*93*	*53-146*			
Toluene-d8	*49*			*ug/L*	*50.0*		*97*	*41-146*			

LCS (7A23003-BS1) Prepared: 01/23/2017 00:00 Analyzed: 01/23/2017 09:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0		85	47-139			
Benzene	18		1.0	ug/L	20.0		88	56-136			
Chlorobenzene	18		1.0	ug/L	20.0		90	51-139			
Toluene	19		1.0	ug/L	20.0		93	64-131			
Trichloroethene	18		1.0	ug/L	20.0		89	62-135			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 7A23003 - EPA 5030B_MS - Continued

LCS (7A23003-BS1) Continued Prepared: 01/23/2017 00:00 Analyzed: 01/23/2017 09:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*93*	*41-142*			
Dibromofluoromethane	*46*			*ug/L*	*50.0*		*92*	*53-146*			
Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*41-146*			

Matrix Spike (7A23003-MS1) Prepared: 01/23/2017 00:00 Analyzed: 01/23/2017 11:53

Source: AA00001-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.94 U	95	47-139			
Benzene	19		1.0	ug/L	20.0	0.71 U	93	56-136			
Chlorobenzene	19		1.0	ug/L	20.0	0.72 U	95	51-139			
Toluene	20		1.0	ug/L	20.0	0.72 U	99	64-131			
Trichloroethene	19		1.0	ug/L	20.0	0.89 U	95	62-135			
4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*89*	*41-142*			
Dibromofluoromethane	*44*			*ug/L*	*50.0*		*88*	*53-146*			
Toluene-d8	*45*			*ug/L*	*50.0*		*90*	*41-146*			

Matrix Spike Dup (7A23003-MSD1) Prepared: 01/23/2017 00:00 Analyzed: 01/23/2017 12:22

Source: AA00001-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.94 U	95	47-139	0.05	16	
Benzene	19		1.0	ug/L	20.0	0.71 U	95	56-136	2	14	
Chlorobenzene	19		1.0	ug/L	20.0	0.72 U	96	51-139	1	13	
Toluene	20		1.0	ug/L	20.0	0.72 U	100	64-131	0.8	16	
Trichloroethene	19		1.0	ug/L	20.0	0.89 U	97	62-135	2	20	
4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*41-142*			
Dibromofluoromethane	*47*			*ug/L*	*50.0*		*93*	*53-146*			
Toluene-d8	*49*			*ug/L*	*50.0*		*98*	*41-146*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7A23009 - EPA 7470A

Blank (7A23009-BLK1) Prepared: 01/23/2017 12:24 Analyzed: 01/24/2017 08:41

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

LCS (7A23009-BS1) Prepared: 01/23/2017 12:24 Analyzed: 01/24/2017 08:44

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.87		0.200	ug/L	5.00		97	80-120			

Matrix Spike (7A23009-MS1) Prepared: 01/23/2017 12:24 Analyzed: 01/24/2017 08:51

Source: AA00001-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.96		0.200	ug/L	5.00	0.0230 U	79	75-125			

QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7A23009 - EPA 7470A - Continued

Matrix Spike Dup (7A23009-MSD1) Prepared: 01/23/2017 12:24 Analyzed: 01/24/2017 08:54

Source: AA00001-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	3.99		0.200	ug/L	5.00	0.0230 U	80	75-125	0.8	20	

Post Spike (7A23009-PS1) Prepared: 01/24/2017 06:00 Analyzed: 01/24/2017 09:03

Source: AA00001-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.10		0.200	ug/L	5.61	-0.000248	91	80-120			

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

Batch 7A20029 - EPA 3005A

Blank (7A20029-BLK1) Prepared: 01/23/2017 10:17 Analyzed: 01/24/2017 10:30

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	0.900	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							

Blank (7A20029-BLK2) Prepared: 01/23/2017 10:17 Analyzed: 01/24/2017 10:34

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	6.80	U	10.0	ug/L							
Arsenic	0.610	U	1.00	ug/L							
Cadmium	0.0900	U	0.300	ug/L							
Chromium	0.450	U	1.00	ug/L							
Iron	3.80	U	5.00	ug/L							
Lead	0.160	U	0.500	ug/L							
Sodium	0.0320	U	0.100	mg/L							

LCS (7A20029-BS1) Prepared: 01/23/2017 10:17 Analyzed: 01/24/2017 10:41

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1010		100	ug/L	1000		101	80-120			
Arsenic	495		10.0	ug/L	500		99	80-120			
Cadmium	47.9		3.00	ug/L	50.0		96	80-120			
Chromium	505		10.0	ug/L	500		101	80-120			
Iron	1010		50.0	ug/L	1000		101	80-120			
Lead	472		5.00	ug/L	500		94	80-120			
Sodium	26.7		1.00	mg/L	25.0		107	80-120			

Matrix Spike (7A20029-MS1) Prepared: 01/23/2017 10:17 Analyzed: 01/24/2017 10:48

Source: AA00486-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	963		100	ug/L	1000	68.0 U	96	75-125			

QUALITY CONTROL DATA

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

Batch 7A20029 - EPA 3005A - Continued

Matrix Spike (7A20029-MS1) Continued Prepared: 01/23/2017 10:17 Analyzed: 01/24/2017 10:48

Source: AA00486-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	494		10.0	ug/L	500	6.10 U	99	75-125			
Cadmium	48.6		3.00	ug/L	50.0	0.900 U	97	75-125			
Chromium	503		10.0	ug/L	500	4.50 U	101	75-125			
Iron	1030		50.0	ug/L	1000	38.0 U	103	75-125			
Lead	472		5.00	ug/L	500	1.60 U	94	75-125			
Sodium	29.2		1.00	mg/L	25.0	3.56	103	75-125			

Matrix Spike Dup (7A20029-MSD1) Prepared: 01/23/2017 10:17 Analyzed: 01/24/2017 10:52

Source: AA00486-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1020		100	ug/L	1000	68.0 U	102	75-125	5	20	
Arsenic	485		10.0	ug/L	500	6.10 U	97	75-125	2	20	
Cadmium	47.6		3.00	ug/L	50.0	0.900 U	95	75-125	2	20	
Chromium	500		10.0	ug/L	500	4.50 U	100	75-125	0.7	20	
Iron	1030		50.0	ug/L	1000	38.0 U	103	75-125	0.3	20	
Lead	479		5.00	ug/L	500	1.60 U	96	75-125	1	20	
Sodium	30.6		1.00	mg/L	25.0	3.56	108	75-125	5	20	

Post Spike (7A20029-PS1) Prepared: 01/24/2017 08:00 Analyzed: 01/24/2017 10:59

Source: AA00486-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	95.4		10.0	ug/L	98.0	-1.01	97	80-120			
Arsenic	46.4		1.00	ug/L	49.0	-0.0207	95	80-120			
Cadmium	4.60		0.300	ug/L	4.90	0.00676	94	80-120			
Chromium	47.4		1.00	ug/L	49.0	0.0303	97	80-120			
Iron	98.1		5.00	ug/L	98.0	-0.179	100	80-120			
Lead	45.8		0.500	ug/L	49.0	0.0728	93	80-120			
Sodium	2900		100	ug/L	2450	349	104	80-120			

Classical Chemistry Parameters - Quality Control

Batch 7A20019 - NO PREP

Blank (7A20019-BLK1) Prepared: 01/20/2017 09:00 Analyzed: 01/20/2017 09:45

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

LCS (7A20019-BS1) Prepared: 01/20/2017 09:00 Analyzed: 01/20/2017 14:53

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	54		5.0	mg/L	50.0		107	90-110			
Nitrate as N	27		1.0	mg/L	25.0		108	90-110			
Sulfate	54		5.0	mg/L	50.0		107	90-110			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 7A20019 - NO PREP - Continued

Matrix Spike (7A20019-MS1) Prepared: 01/20/2017 11:59 Analyzed: 01/20/2017 15:09

Source: AA00486-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	60		5.0	mg/L	50.0	6.4	107	90-110			
Nitrate as N	26		1.0	mg/L	25.0	0.052 U	103	90-110			
Sulfate	58		5.0	mg/L	50.0	4.7	106	90-110			

Matrix Spike (7A20019-MS2) Prepared: 01/20/2017 11:59 Analyzed: 01/20/2017 16:31

Source: AZ08828-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	76		5.0	mg/L	50.0	22	109	90-110			
Nitrate as N	32		1.0	mg/L	25.0	4.9	109	90-110			
Sulfate	130	L	5.0	mg/L	50.0	76	103	90-110			E

Matrix Spike Dup (7A20019-MSD1) Prepared: 01/20/2017 11:59 Analyzed: 01/20/2017 15:25

Source: AA00486-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	60		5.0	mg/L	50.0	6.4	106	90-110	0.3	10	
Nitrate as N	26		1.0	mg/L	25.0	0.052 U	102	90-110	0.4	10	
Sulfate	57		5.0	mg/L	50.0	4.7	106	90-110	0.4	10	

Matrix Spike Dup (7A20019-MSD2) Prepared: 01/20/2017 11:59 Analyzed: 01/20/2017 16:48

Source: AZ08828-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	76		5.0	mg/L	50.0	22	108	90-110	0.3	10	
Nitrate as N	32		1.0	mg/L	25.0	4.9	108	90-110	0.5	10	
Sulfate	130	L	5.0	mg/L	50.0	76	102	90-110	0.2	10	E

Batch 7A24005 - NO PREP

Blank (7A24005-BLK1) Prepared: 01/24/2017 08:32 Analyzed: 01/24/2017 10:55

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

LCS (7A24005-BS1) Prepared: 01/24/2017 08:32 Analyzed: 01/24/2017 10:56

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.97		0.020	mg/L	1.00		97	90-110			

Matrix Spike (7A24005-MS1) Prepared: 01/24/2017 08:32 Analyzed: 01/24/2017 11:08

Source: AA00525-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.4		0.020	mg/L	1.00	0.39	100	90-110			

Matrix Spike Dup (7A24005-MSD1) Prepared: 01/24/2017 08:32 Analyzed: 01/24/2017 11:09

Source: AA00525-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.4		0.020	mg/L	1.00	0.39	101	90-110	0.7	10	

Batch 7A24029 - NO PREP

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 7A24029 - NO PREP - Continued

Blank (7A24029-BLK1) Prepared: 01/24/2017 16:58 Analyzed: 01/25/2017 21:25

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

LCS (7A24029-BS1) Prepared: 01/24/2017 16:58 Analyzed: 01/25/2017 21:25

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	970		10	mg/L	1000		97	90-110			

Duplicate (7A24029-DUP1) Prepared: 01/24/2017 16:58 Analyzed: 01/25/2017 21:25

Source: AA00001-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	770		10	mg/L		780			2	5	

Batch 7A26001 - NO PREP

Blank (7A26001-BLK1) Prepared: 01/26/2017 17:00 Analyzed: 01/26/2017 18:50

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	0.07	U	5.0	mg/L							

LCS (7A26001-BS1) Prepared: 01/26/2017 17:00 Analyzed: 01/26/2017 19:06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	55		5.0	mg/L	50.0		110	90-110			

Matrix Spike (7A26001-MS1) Prepared: 01/26/2017 17:00 Analyzed: 01/26/2017 19:22

Source: AA00682-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	52		5.0	mg/L	50.0	8.0	89	90-110			QM-07

Matrix Spike (7A26001-MS2) Prepared: 01/26/2017 17:00 Analyzed: 01/26/2017 20:58

Source: AA00682-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	62		5.0	mg/L	50.0	0.18	124	90-110			QM-07

Matrix Spike Dup (7A26001-MSD1) Prepared: 01/26/2017 17:00 Analyzed: 01/26/2017 19:38

Source: AA00682-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	61		5.0	mg/L	50.0	8.0	107	90-110	16	10	QM-07

Matrix Spike Dup (7A26001-MSD2) Prepared: 01/26/2017 17:00 Analyzed: 01/26/2017 21:15

Source: AA00682-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	53		5.0	mg/L	50.0	0.18	106	90-110	16	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).
QB-02	The method blank contains analyte at a concentration above the MDL, but since it was not detected in the sample, there is no impact on data quality.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
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-19	The spike recovery was outside acceptance limits for the MS and/or MSD.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

www.encolabs.com

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

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

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

Client Name: ~~Florida~~ Friends Recycling	Project Number: 21012
Address: 2350 NW 27th Ave.	Project Name/Desc: Friends Recycling, Formerly Ocala Recycling
City/ST/Zip: Ocala, FL 34475	PO # / Billing Info:
Tel: 352-266-4853 Fax: 352-622-4999	Reporting Contact: Nick Giumarelli
Sampler(s) Name, Affiliation (Print): Chris Monaco Ideal Tech Services Inc.	Billing Contact: Nick Giumarelli
Sampler(s) Signature:	Site Location / Time Zone: FLEST

Requested Analyses

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AA00001

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260 Aroms/Halo	Al, As, Cd, Cr, Fe, Na, Pb, Hg	Ammonia 350.1	Chloride 300	Nitrate as N 300	Sulfate 300	TDS SM2540C	Field Parameters			Sample Comments
						Preservation (See Codes) (Combine as necessary)	H	N	S	I	I	I	I	-			
	MW-1	1-20-17	0944	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-5	1-20-17	1112	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-6	1-20-17	1047	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-7	1-20-17	1144	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-8	1-20-17	1016	Grab	GW	6	X	X	X	X	X	X	X	X			
	MW-9	1-20-17	0911	Grab	GW	6	X	X	X	X	X	X	X	X			
	tripblank	—	—	Grab	OT	2	X	—	—	—	—	—	—	—			OT=Lab DI Water
						<-- Total # of Containers											

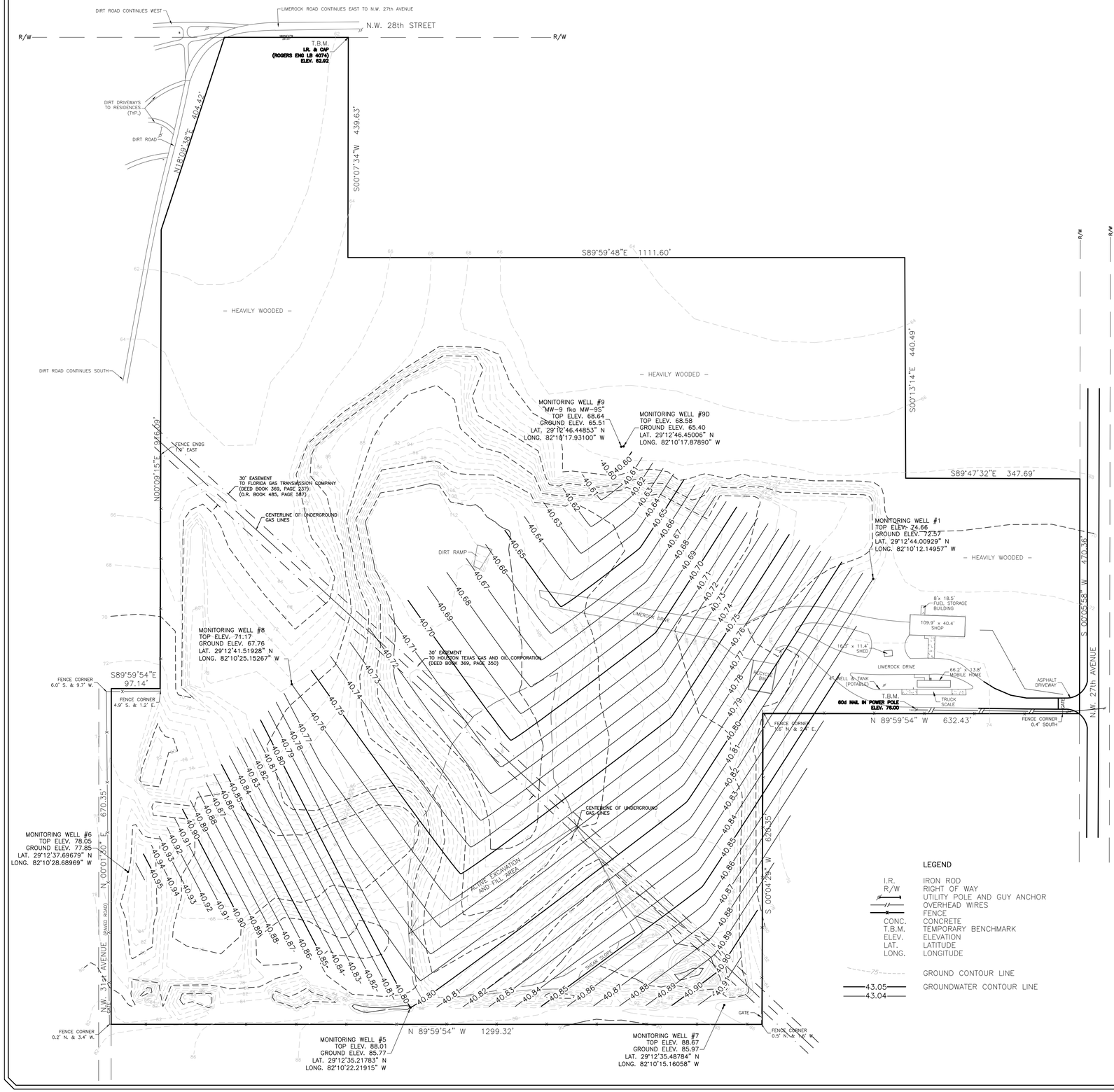
Sample Kit Prepared By / Date/Time	Relinquished By / Date/Time	Received By / Date/Time	1/5/17 1445
Comments/Special Reporting Requirements	Relinquished By / Date/Time 1/20/17 1210	Received By / Date/Time 1/20/17 1210	
	Relinquished By / Date/Time 1/20/17 1315	Received By / Date/Time 1/20 1315	
	Cooler #'s & Temps on Receipt 1/20 1460	Condition Upon Receipt: X Acceptable ___ Unacceptable	

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

Preservation: I-Ice 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

C-22B-16-C



N

ETI

GRAPHIC SCALE

100 0 50 100 200

(IN FEET)
1 inch = 100 ft.

LEGEND

I.R.	IRON ROD
R/W	RIGHT OF WAY
	UTILITY POLE AND GUY ANCHOR
	OVERHEAD WIRES
	FENCE
CONC.	CONCRETE
T.B.M.	TEMPORARY BENCHMARK
ELEV.	ELEVATION
LAT.	LATITUDE
LONG.	LONGITUDE
75	GROUND CONTOUR LINE
43.05	GROUNDWATER CONTOUR LINE
43.04	

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

REVISIONS

PLOTTED:	RMC-3	N/A
DRAWN:	RMC-3	N/A
DESIGNED:	RMC-3	N/A
CHECKED:	RMC-3	N/A
SCALE:	1" = 100'	

Groundwater contours revised 1-30-17

GROUNDWATER CONTOURS

FRIENDS RECYCLING, LLC.
MARION COUNTY, FLORIDA

ENVIRONMENTAL & CIVIL ENGINEERING CONSULTANTS
PHONE: (352) 694-1799
FAX: (866) 832-0250
15290 SE HWY 42, PO BOX 152
WEIRSDALE, FLORIDA 32195

SITE PLAN
P.N. 2009-
Sht. 1 of 1