SEMI-ANNUAL MONITORING REPORT

SECOND HALF 2020

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

July 22, 2020

Robert M. Couch III, P.E.

Digitally signed by Robert M. Couch III, P.E.
cn=Robert M. Couch III, P.E., ou= PE No.: 55311, COA No.: 8692, o= ENVIRO-TECH, Inc., l= Weirsdale, st= FL, c= US, email= envirotech@ymail.com
Date: 2020.07.22 18:56:27 EDT

July 22, 2020

Friends Recycling
2350 NW 27th Avenue
Ocala, FL 34475

Attention: Mr. Nick Giunarelli

RE: Semi-Annual Sampling Activities for the Second Half of 2020
Friends Recycling C&D Landfill
Marion County, Florida

Dear Mr. Giunarelli:

Per your request, Enviro-Technologies, Inc. (ETI) has completed the semi-annual groundwater monitoring report for the Second Half of 2020 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 July 9, 2020, (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 July 9, 2020 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
Iron - Total	10300	300	ug/L	EPA 6020B
Sulfate	1100	250	mg/L	EPA 300.0
Total Dissolved Solids	1300	500	mg/L	SM 2540C-2011

MW-5

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	7.2	2.8	ug/L	EPA 350.1
Iron - Total	4260	300	ug/L	EPA 6020B
Total Dissolved Solids	930	500	mg/L	SM 2540C-2011

MW-6

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	3.1	2.8	ug/L	EPA 350.1
Iron - Total	13700	300	ug/L	EPA 6020B
Arsenic - Total	21.7	10	ug/L	EPA 6020B
Total Dissolved Solids	1000	500	mg/L	SM 2540C-2011

MW-7

Analyte	Results	Groundwater Criteria	Units	Method
Arsenic - Total	16.9	10	ug/L	EPA 6020B
Sulfate	360	250	mg/L	EPA 300.0
Iron - Total	65600	300	ug/L	EPA 6020B
Total Dissolved Solids	1100	500	mg/L	SM 2540C-2011

MW-8

Analyte	Results	Groundwater Criteria	Units	Method
Ammonia as N	13	2.8	ug/L	EPA 350.1
Iron - Total	28700	300	ug/L	EPA 6020B
Total Dissolved Solids	740	500	mg/L	SM 2540C-2011

MW-9

Analyte	Results	Groundwater Criteria	Units	Method
Total Dissolved Solids	680	500	mg/L	SM 2540C-2011

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 noted in monitoring wells MW-1, MW-5, MW-6, MW-7 and MW-8. The iron concentration levels in all wells except MW-6 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 higher than or equal to the previous concentrations for this sampling event. Any higher concentrations are expected to be the result of changes in rainfall amounts.

Ammonia as N was noted slightly above GCTL's in MW-5, MW-6, and MW-8. This change in concentration is expected to be the result of changes in rainfall amounts.

Sulfate levels were noted above GCTL's in MW-1 and MW-7. The sulfate concentration levels in MW-1 were higher than the previous sampling event and the sulfate concentration levels in MW-7 were lower than the previous sampling event. This change in concentration is 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.

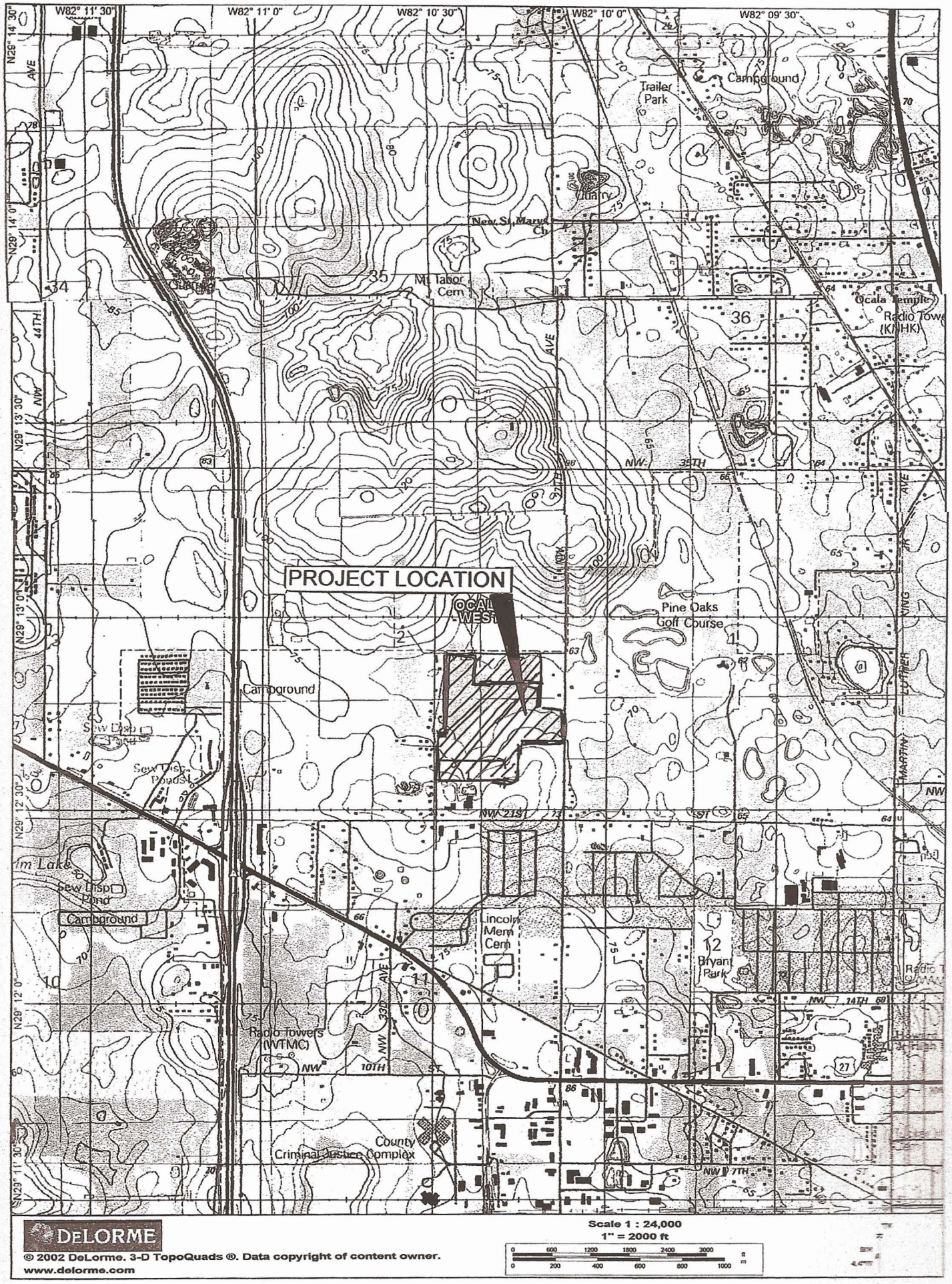
Thank you for the opportunity to provide consulting services to the Friends Recycling C&D Landfill. If you have any questions or comments about this report, please feel free to contact me at (352) 694-1799.

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

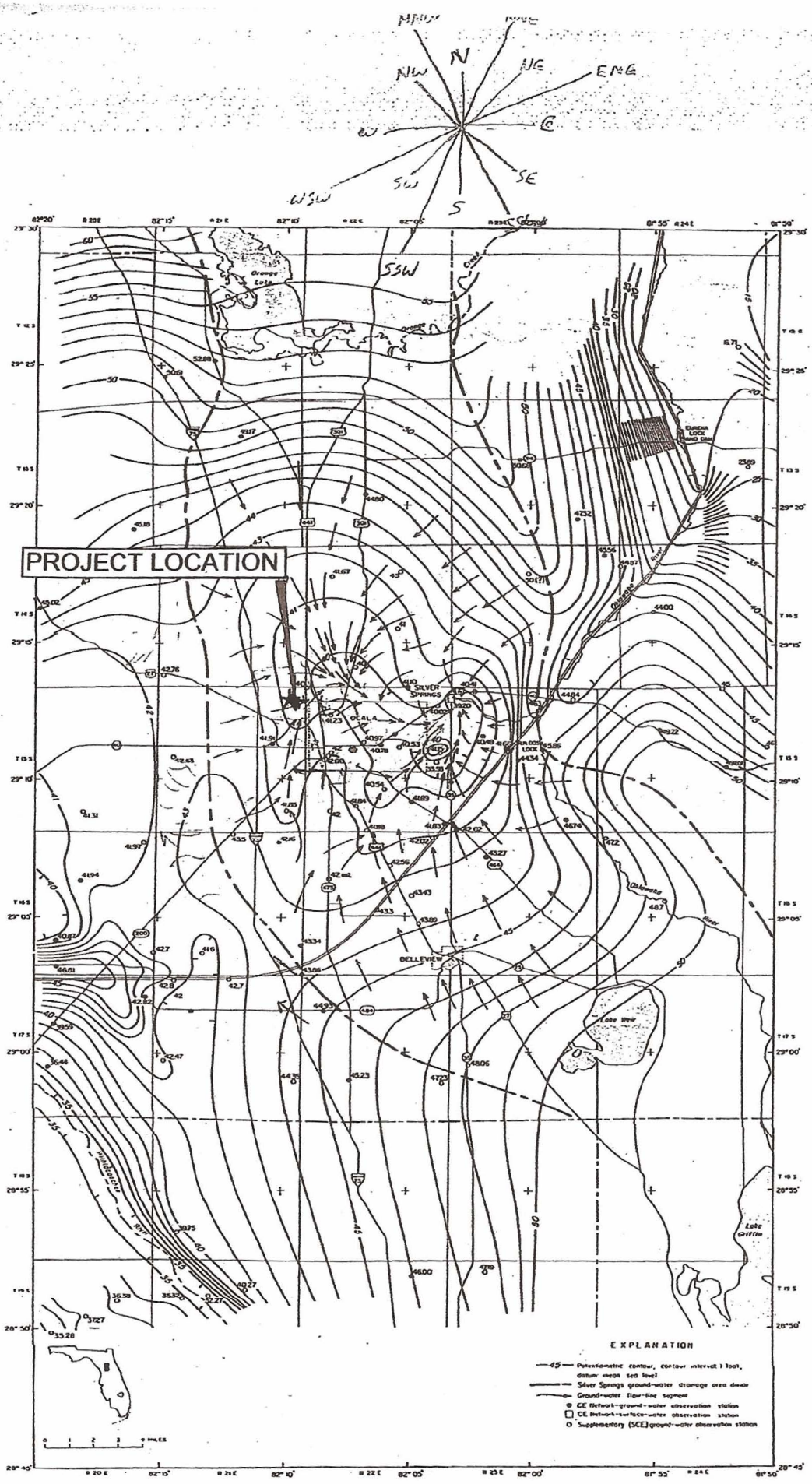


Figure 25. Potentiometric surface of upper part of Floridan Aquifer in May 1968 (low-water period), Ocala vicinity.

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

July 9, 2020

GROUNDWATER								
Well No.	**WACS No.**	**Latitude**	**Longitude**	**Ground Surface Elevation**	**Top of Casing (TOC) Elevation**	**Total Well Depth**	**Depth to Water (07/09/2020)**	**Water Table Elevation (07/09/2020)**
MW-1	18811	29d 12' 44.009" N	82d 10' 12.150" W	72.57	74.66	43.45	31.99	42.67
MW-5	22912	29d 12' 35.218" N	82d 10' 22.219" W	85.77	88.01	67.45	45.30	42.71
MW-6	22913	29d 12' 39.697" N	82d 10' 28.570" W	77.85	78.05	53.10	35.24	42.81
MW-7	22914	29d 12' 35.488" N	82d 10' 15.161" W	85.97	88.67	53.80	45.88	42.79
MW-8	22915	29d 12' 41.519" N	82d 10' 25.153" W	67.76	71.17	34.24	28.58	42.59
MW-9	22916	29d 12' 44.853" N	82d 10' 17.931" W	65.51	68.64	32.80	26.23	42.41

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.

7/20/2020 Robert M. Couch III

Date 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

IDEAL TECH SERVICES, INC. GROUNDWATER SAMPLE LOG

Site Name: Friends Recycling	Site Location: Marion County, Florida	
Well No: **MW-1**	WACS Well Number: 18811	Date: 7/9/20

Purging Data

Well Diameter (inches):	Tubing Diameter (inches):	Well Screen Interval (ft):	Static Depth to Water (ft):	Purge Pump Type:
2	0.375	unknown to unknown	31.99	SS ESP

Well Volume Purge: 1 Well Volume = (Total Well Depth - Static Depth To Water) * Well Capacity (gal/ft)

= (43.45 Feet - 31.99 Feet) * 0.16 Gallons/Ft= 1.83 Gallons

Equipment Volume Purge: 1 Equipment Vol. = Pump Volume + (Tubing Capacity * Tubing Length) + Flow Cell Volume (FCV)

Gallons + (0.006 Gallons/Ft * Feet) + FCV = Gallons

Initial Pump or Tubing Depth In Well (ft):	Final Pump or Tubing Depth In Well (ft):	Purging Initiated At:	Purging Ended At:	Total Volume Purged (gal):
33.50	33.50	1530	1539	7.20

Time	Volume Purged (gallons)	Total Volume Purged (gallons)	Purge Rate (gpm)	Depth to Water (feet)	pH (standard units)	Temp (°C)	COND (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)	COLOR (describe)	ODOR (describe)
1535	4.00	4.00	.80	32.25	6.22	24.6	2303	.07	1.70	NONE	NONE
1537	1.60	5.60	.80	32.25	6.18	24.6	2300	.06	1.60	NONE	NONE
1539	1.60	7.20	.80	32.25	6.17	24.6	2309	.06	.80	NONE	NONE

SAMPLING DATA

Sampled By: Ideal Tech Services, Inc. Chris Monaco or Karen LeBeau	Signature:	Sampling Initiated At:	Sampling Ended At:
		1539	1543

Pump or Tubing Depth in Well (ft):	Tubing Material Code:	Field Filtered: ☐ YES ☑ NO	Filter Size:
33.50	PE	Filtration Equipment Type: polyethersulphone	(µm)

Field Decontamination Pump: ☑ YES ☐ NO Tubing Replaced: ☑ YES ☐ NO Duplicate: ☐ YES ☑ NO

Sample Container Specifications				Sample Preservation (including wet ice)			Intended Analysis and/or Method	Sampling Equipment Code	Sample Flow Rate (milliliters per minute)
Sample ID Code	# Containers	Material Code	Volume	Preservative	Total Volume Added In Field	Final pH			
MW-1	3	CG	40 mL	HCl	None	Not Required	8260(Arom/ Halo)	SS ESP	100
MW-1	1	PE	250 mL	4°C	None	Not Required	Chloride, Nitrate, Sulfate, TDS	SS ESP	1136
MW-1	1	PE	250 mL	HNO_3	None	<2	Metals	SS ESP	1136
MW-1	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	SS ESP	1136

Remarks:

DTW = 31.99 Reference Elevation = 74.66 GWTE = 42.67 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; **SS ESP** = Stainless Steel Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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)

ITS Revision 1.0 Date: 11/06/19

IDEAL TECH SERVICES, INC. GROUNDWATER SAMPLE LOG

Site Name: Friends Recycling	Site Location: Marion County, Florida	
Well No: **MW-5**	WACS Well Number: 22912	Date: 7/9/20

Purging Data

Well Diameter (inches):	Tubing Diameter (inches):	Well Screen Interval (ft):	Static Depth to Water (ft):	Purge Pump Type:
2	0.375	unknown to unknown	45.30	SS ESP

Well Volume Purge: 1 Well Volume = (Total Well Depth - Static Depth To Water) * Well Capacity (gal/ft)

= (67.45 Feet - 45.30 Feet) * 0.16 Gallons/Ft= 3.54 Gallons

Equipment Volume Purge: 1 Equipment Vol. = Pump Volume + (Tubing Capacity * Tubing Length) + Flow Cell Volume (FCV)

Gallons + (0.006 Gallons/Ft * Feet) + FCV = Gallons

Initial Pump or Tubing Depth In Well (ft):	Final Pump or Tubing Depth In Well (ft):	Purging Initiated At:	Purging Ended At:	Total Volume Purged (gal):
47.0	47.0	1415	1429	4.90

Time	Volume Purged (gallons)	Total Volume Purged (gallons)	Purge Rate (gpm)	Depth to Water (feet)	pH (standard units)	Temp (°C)	COND (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)	COLOR (describe)	ODOR (describe)
1425	3.50	3.50	.35	45.47	5.99	31.2	1587	.09	5.10	NONE	NONE
1427	0.70	4.20	.35	45.47	5.99	31.2	1589	.09	4.10	NONE	NONE
1429	0.70	4.90	.35	45.47	5.98	31.2	1590	.09	3.40	NONE	NONE

SAMPLING DATA

Sampled By: Ideal Tech Services, Inc. Chris Monaco or Karen LeBeau	Signature:	Sampling Initiated At:	Sampling Ended At:
		1429	1434

Pump or Tubing Depth in Well (ft):	Tubing Material Code:	Field Filtered: ☐ YES ☑ NO	Filter Size:
47.0	PE	Filtration Equipment Type: polyethersulphone	(µm)

Field Decontamination Pump: ☑ YES ☐ NO Tubing Replaced: ☑ YES ☐ NO Duplicate: ☐ YES ☑ NO

Sample Container Specifications				Sample Preservation (including wet ice)			Intended Analysis and/or Method	Sampling Equipment Code	Sample Flow Rate (milliliters per minute)
Sample ID Code	# Containers	Material Code	Volume	Preservative	Total Volume Added In Field	Final pH			
MW-5	3	CG	40 mL	HCl	None	Not Required	8260(Arom/ Halo)	SS ESP	100
MW-5	1	PE	250 mL	4°C	None	Not Required	Chloride, Nitrate, Sulfate, TDS	SS ESP	1325
MW-5	1	PE	250 mL	HNO_3	None	<2	Metals	SS ESP	1325
MW-5	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	SS ESP	1325

Remarks:

DTW = 45.30 Reference Elevation = 88.01 GWTE = 42.71 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; **SS ESP** = Stainless Steel Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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)

ITS Revision 1.0 Date: 11/06/19

IDEAL TECH SERVICES, INC. GROUNDWATER SAMPLE LOG

Site Name: Friends Recycling	Site Location: Marion County, Florida	
Well No: **MW-6**	WACS Well Number: 22913	Date: 7/9/20

Purging Data

Well Diameter (inches):	Tubing Diameter (inches):	Well Screen Interval (ft):			Static Depth to Water (ft):	Purge Pump Type:
2	0.375	40	to	50	35.24	SS ESP

Well Volume Purge: 1 Well Volume = (Total Well Depth - Static Depth To Water) * Well Capacity (gal/ft)

= (53.10 Feet - 35.24 Feet) * 0.16 Gallons/Ft= 2.86 Gallons

Equipment Volume Purge: 1 Equipment Vol. = Pump Volume + (Tubing Capacity * Tubing Length) + Flow Cell Volume (FCV)

Gallons + (0.006 Gallons/Ft * Feet) + FCV = Gallons

Initial Pump or Tubing Depth In Well (ft):	Final Pump or Tubing Depth In Well (ft):	Purging Initiated At:	Purging Ended At:	Total Volume Purged (gal):
37.00	37.00	1338	1352	4.20

Time	Volume Purged (gallons)	Total Volume Purged (gallons)	Purge Rate (gpm)	Depth to Water (feet)	pH (standard units)	Temp (°C)	COND (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)	COLOR (describe)	ODOR (describe)
1348	3.00	3.00	.30	35.62	5.85	24.6	1509	.06	5.50	NONE	NONE
1350	0.60	3.60	.30	35.62	5.85	24.6	1510	.06	5.00	NONE	NONE
1352	0.60	4.20	.30	35.62	5.86	24.6	1513	.06	4.10	NONE	NONE

SAMPLING DATA

Sampled By: Ideal Tech Services, Inc. Chris Monaco or Karen LeBeau	Signature:	Sampling Initiated At:	Sampling Ended At:
		1352	1355

Pump or Tubing Depth in Well (ft):	Tubing Material Code:	Field Filtered: ☐ YES ☑ NO	Filter Size:
37.00	PE	Filtration Equipment Type: polyethersulphone	(µm)

Field Decontamination Pump: ☑ YES ☐ NO Tubing Replaced: ☑ YES ☐ NO Duplicate: ☐ YES ☑ NO

Sample Container Specifications				Sample Preservation (including wet ice)			Intended Analysis and/or Method	Sampling Equipment Code	Sample Flow Rate (milliliters per minute)
Sample ID Code	# Containers	Material Code	Volume	Preservative	Total Volume Added In Field	Final pH			
MW-6	3	CG	40 mL	HCl	None	Not Required	8260(Arom/ Halo)	SS ESP	100
MW-6	1	PE	250 mL	4°C	None	Not Required	Chloride, Nitrate, Sulfate, TDS	SS ESP	1136
MW-6	1	PE	250 mL	HNO_3	None	<2	Metals	SS ESP	1136
MW-6	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	SS ESP	1136

Remarks:

DTW = 35.24 Reference Elevation = 78.05 GWTE = 42.81 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; **SS ESP** = Stainless Steel Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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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)

ITS Revision 1.0 Date: 11/06/19

IDEAL TECH SERVICES, INC. GROUNDWATER SAMPLE LOG

Site Name: Friends Recycling	Site Location: Marion County, Florida	
Well No: **MW-7**	WACS Well Number: 22914	Date: 7/9/20

Purging Data

Well Diameter (inches):	Tubing Diameter (inches):	Well Screen Interval (ft):	Static Depth to Water (ft):	Purge Pump Type:
2	0.375	41 to 51	45.88	SS ESP

Well Volume Purge: 1 Well Volume = (Total Well Depth - Static Depth To Water) * Well Capacity (gal/ft)

= (53.80 Feet - 45.88 Feet) * 0.16 Gallons/Ft= 1.27 Gallons

Equipment Volume Purge: 1 Equipment Vol. = Pump Volume + (Tubing Capacity * Tubing Length) + Flow Cell Volume (FCV)

Gallons + (0.006 Gallons/Ft * Feet) + FCV = Gallons

Initial Pump or Tubing Depth In Well (ft):	Final Pump or Tubing Depth In Well (ft):	Purging Initiated At:	Purging Ended At:	Total Volume Purged (gal):
49.00	49.00	1455	1504	2.70

Time	Volume Purged (gallons)	Total Volume Purged (gallons)	Purge Rate (gpm)	Depth to Water (feet)	pH (standard units)	Temp (°C)	COND (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)	COLOR (describe)	ODOR (describe)
1500	1.50	1.50	.30	47.88	5.84	25.8	1487	.11	1.50	NONE	NONE
1502	0.60	2.10	.30	47.88	5.80	25.8	1494	.10	1.00	NONE	NONE
1504	0.60	2.70	.30	47.88	5.77	25.8	1501	.10	.90	NONE	NONE

SAMPLING DATA

Sampled By:	Signature:	Sampling Initiated At:	Sampling Ended At:
Ideal Tech Services, Inc. Chris Monaco or Karen LeBeau		1504	1509

Pump or Tubing Depth in Well (ft):	Tubing Material Code:	Field Filtered: ☐ YES ☑ NO	Filter Size:
49.00	PE	Filtration Equipment Type: polyethersulphone	(µm)

Field Decontamination Pump: ☑ YES ☐ NO Tubing Replaced: ☑ YES ☐ NO Duplicate: ☐ YES ☑ NO

Sample Container Specifications				Sample Preservation (including wet ice)			Intended Analysis and/or Method	Sampling Equipment Code	Sample Flow Rate (milliliters per minute)
Sample ID Code	# Containers	Material Code	Volume	Preservative	Total Volume Added In Field	Final pH			
MW-7	3	CG	40 mL	HCl	None	Not Required	8260(Arom/ Halo)	SS ESP	100
MW-7	1	PE	250 mL	4°C	None	Not Required	Chloride, Nitrate, Sulfate, TDS	SS ESP	1136
MW-7	1	PE	250 mL	HNO_3	None	<2	Metals	SS ESP	1136
MW-7	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	SS ESP	1136

Remarks:

DTW = 45.88 Reference Elevation = 88.67 GWTE = 42.79 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; **SS ESP** = Stainless Steel Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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)

ITS Revision 1.0 Date: 11/06/19

IDEAL TECH SERVICES, INC. GROUNDWATER SAMPLE LOG

Site Name: Friends Recycling	Site Location: Marion County, Florida	
Well No: **MW-8**	WACS Well Number: 22915	Date: 7/9/20

Purging Data

Well Diameter (inches):	Tubing Diameter (inches):	Well Screen Interval (ft):			Static Depth to Water (ft):	Purge Pump Type:
2	0.375	20	to	30	28.58	SS ESP

Well Volume Purge: 1 Well Volume = (Total Well Depth - Static Depth To Water) * Well Capacity (gal/ft)

= (34.24 Feet - 28.58 Feet) * 0.16 Gallons/Ft= 0.91 Gallons

Equipment Volume Purge: 1 Equipment Vol. = Pump Volume + (Tubing Capacity * Tubing Length) + Flow Cell Volume (FCV)

Gallons + (0.006 Gallons/Ft * Feet) + FCV = Gallons

Initial Pump or Tubing Depth In Well (ft):	Final Pump or Tubing Depth In Well (ft):	Purging Initiated At:	Purging Ended At:	Total Volume Purged (gal):
30.5	30.5	1307	1315	2.00

Time	Volume Purged (gallons)	Total Volume Purged (gallons)	Purge Rate (gpm)	Depth to Water (feet)	pH (standard units)	Temp (°C)	COND (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)	COLOR (describe)	ODOR (describe)
1311	1.00	1.00	.25	28.64	5.96	26.4	1370	.10	1.30	NONE	NONE
1313	0.50	1.50	.25	28.64	5.95	26.4	1374	.10	1.20	NONE	NONE
1315	0.50	2.00	.25	28.64	5.94	26.4	1379	.10	1.10	NONE	NONE

SAMPLING DATA

Sampled By: Ideal Tech Services, Inc. Chris Monaco or Karen LeBeau	Signature:	Sampling Initiated At:	Sampling Ended At:
		1315	1321

Pump or Tubing Depth in Well (ft):	Tubing Material Code:	Field Filtered: ☐ YES ☑ NO	Filter Size:
30.5	PE	Filtration Equipment Type: polyethersulphone	(µm)

Field Decontamination Pump: ☑ YES ☐ NO Tubing Replaced: ☑ YES ☐ NO Duplicate: ☐ YES ☑ NO

Sample Container Specifications				Sample Preservation (including wet ice)			Intended Analysis and/or Method	Sampling Equipment Code	Sample Flow Rate (milliliters per minute)
Sample ID Code	# Containers	Material Code	Volume	Preservative	Total Volume Added In Field	Final pH			
MW-8	3	CG	40 mL	HCl	None	Not Required	8260(Arom/ Halo)	SS ESP	100
MW-8	1	PE	250 mL	4°C	None	Not Required	Chloride, Nitrate, Sulfate, TDS	SS ESP	946
MW-8	1	PE	250 mL	HNO_3	None	<2	Metals	SS ESP	946
MW-8	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	SS ESP	946

Remarks:

DTW = 28.58 Reference Elevation = 71.17 GWTE = 42.59 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; **SS ESP** = Stainless Steel Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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)

ITS Revision 1.0 Date: 11/06/19

IDEAL TECH SERVICES, INC. GROUNDWATER SAMPLE LOG

Site Name: Friends Recycling	Site Location: Marion County, Florida	
Well No: **MW-9**	WACS Well Number: 22916	Date: 7/9/20

Purging Data

Well Diameter (inches):	Tubing Diameter (inches):	Well Screen Interval (ft):	Static Depth to Water (ft):	Purge Pump Type:
2	0.375	Unknown to Unknown	26.23	SS ESP

Well Volume Purge: 1 Well Volume = (Total Well Depth - Static Depth To Water) * Well Capacity (gal/ft)

= (32.80 Feet - 26.23 Feet) * 0.16 Gallons/Ft= 1.05 Gallons

Equipment Volume Purge: 1 Equipment Vol. = Pump Volume + (Tubing Capacity * Tubing Length) + Flow Cell Volume (FCV)

Gallons + (0.006 Gallons/Ft * Feet) + FCV = Gallons

Initial Pump or Tubing Depth In Well (ft):	Final Pump or Tubing Depth In Well (ft):	Purging Initiated At:	Purging Ended At:	Total Volume Purged (gal):
27.0	27.0	1241	1249	3.20

Time	Volume Purged (gallons)	Total Volume Purged (gallons)	Purge Rate (gpm)	Depth to Water (feet)	pH (standard units)	Temp (°C)	COND (µS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)	COLOR (describe)	ODOR (describe)
1245	1.60	1.60	.40	26.46	6.62	23.1	997	.09	1.20	NONE	NONE
1247	0.80	2.40	.40	26.46	6.60	23.1	1001	.09	1.00	NONE	NONE
1249	0.80	3.20	.40	26.46	6.58	23.1	1004	.08	.70	NONE	NONE

SAMPLING DATA

Sampled By: Ideal Tech Services, Inc. Chris Monaco or Karen LeBeau	Signature:	Sampling Initiated At:	Sampling Ended At:
		1249	1255

Pump or Tubing Depth in Well (ft):	Tubing Material Code:	Field Filtered: ☐ YES ☑ NO	Filter Size:
27.0	PE	Filtration Equipment Type: polyethersulphone	(µm)

Field Decontamination Pump: ☑ YES ☐ NO Tubing Replaced: ☑ YES ☐ NO Duplicate: ☐ YES ☑ NO

Sample Container Specifications				Sample Preservation (including wet ice)			Intended Analysis and/or Method	Sampling Equipment Code	Sample Flow Rate (milliliters per minute)
Sample ID Code	# Containers	Material Code	Volume	Preservative	Total Volume Added In Field	Final pH			
MW-9	3	CG	40 mL	HCl	None	Not Required	8260(Arom/ Halo)	SS ESP	100
MW-9	1	PE	250 mL	4°C	None	Not Required	Chloride, Nitrate, Sulfate, TDS	SS ESP	1514
MW-9	1	PE	250 mL	HNO_3	None	<2	Metals	SS ESP	1514
MW-9	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	SS ESP	1514

Remarks: MW-9D DTW= 26.16

DTW = 26.23 Reference Elevation = 68.64 GWTE = 42.41 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; **SS ESP** = Stainless Steel Electric Submersible Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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)

ITS Revision 1.0 Date: 11/06/19

CALIBRATION LOG

ITS Work Order Number: FRL-24-070920

CLIENT: Friends Recycling
ADDRESS: 2350 NW 27th Ave.
CITY, STATE: Ocala, Florida 34475
Site: Friends Recycling C&D Landfill
INITIAL CAL DATE @ TIME: 7/9/20 @ 0700
CCV CALIBRATION DATE @ TIME: 7/9/20 @ 1700

YSI Multi Parameter Meter: YSI-PRO+ ITS #4

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

STANDARD Standard Units	METER READING INITIAL	ICV (± 0.2 SU)	CCV (± 0.2 SU)	LOT NUMBER	EXP DATE
4.005	4.00	4.00	4.00	CC641962	Sep-21
7.000	7.00	7.00	6.99	CC614656	Jul-21
10.012	10.00	10.00	9.98	CC596051	Dec-20
Liquid Temp °C	25.5	25.5	31.0	Standards prepared by USA Blue Book	

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

Initial Calibration and CCV Daily for D.O. **Date: 07/09/20**

STANDARD (mg/L)	METER READING INITIAL	CCV (± 0.3 mg/L)	LOT NUMBER	EXPIRATION DATE
Barometer mm/Hg	756.9	756.2	No CCV Limit	
0.00	.04	.05	9GL483	Dec-20
Ambient Air Temperature				
26.7 °C	7.99			
31.1 °C		7.44		

Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by USA Blue Book. Limit is ± 0.3 mg/L of theoretical value (see Table FT 1500-1)

Start: ORP Sensor Per DEP-SOP-001/01 FT 2100 End:

STANDARD (mV)	METER READING INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
200	NM	NM	9GJ479	Oct-20
400	NM	NM	0GB164	Feb-21

Standard is ORP solution, prepared by USA Blue Book. Cal Limit is ± 5% @ 25° C

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

STANDARD µmhos/cm	METER READING INITIAL	CCV (± 5%)	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	0GA408	Jan-21
2,764	2,764	2,769	9GI321	Sep-20
84	87	89	0GC1010	Mar-21

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

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

STANDARD °C ERTCO Thermometer ± .5 °C		YSI METER TEMP READING °C LOW	HIGH	METER NUMBER	DATE PERFORMED (Quarterly)
LOW	5.80	5.82		ITS YSI #2	02/08/20
HIGH	29.40		29.43	ITS YSI #2	02/08/20
LOW	5.80	5.80		ITS YSI #4	02/08/20
HIGH	30.40		30.40	ITS YSI #4	02/08/20

Thermometer is N.I.S.T. certified and manufactured by ERTCO, S/N 2206. YSI is checked against ERTCO once per quarter

Fluke Infrared Thermoneter S.N. 1370781 | Certified By Aqua Pure Once Per Year 1/25/19 | +0.1°C

HF SCIENTIFIC DRT-15CE TURBIDITY METER - MODEL # 19057 DRT - 15CE

Per DEP-SOP-001/01 FT 1600 ITSNTU # 1

STANDARD (ntu)	METER READING INITIAL	CCV	CCV Acceptance % of standard value	
1000	NM	NM	± 5.0%	
100	100	100	± 6.5%	
10	10	10	± 10%	
0.02	.02	.02	± 10%	

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 200629 EXP: June / 2022, .02 & 10. EXP: April / 2022, 100 & 1000.

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	.19	.93	1.59
CCV METER mg/L (± 10%)	NM	NM	NM	NM

Standard is HACH DPD Chlorine LR secondary GEL Standard. Lot A5318 Verified 03/02/20

Remarks:

Weather Conditions: 90-95° F Sunny

Equipment Blank with D.I. water
Zephyrhills brand Lot #05192014WF2330937
Exp Date 11/30/21
Equipment Blank Collected @ none collected

Notes: **NA** - **N**ot **A**pplicable, **NM** - **N**ot **M**easured, **ICV** - **I**nitial **C**alibration **V**erification, **CCV** - **C**ontinuing **C**alibration **V**erification Revision 8.90 6/29/20 calibration standard update

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

COPY TO: Nick Giumarelli

SIGNED: Chris Monaco or Karen LeBeau

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

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

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

www.encolabs.com

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

Requested Analyses

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AD04255

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260D Arom/Halo	Chloride 300,Nitrate as N 300,Sulfate 300,TDS SM2540C	Ammonia 350.1	Al,As,Cd,Cr,Fe,Hg,Na,Pb							Sample Comments
							Preservation (See Codes) (Combine as necessary)										
							IH	I	IS	N							
	MW-1	7-9-20	1543	Grab	GW	6	X	X	X	X							
	MW-5	7-9-20	1434	Grab	GW	6	X	X	X	X							
	MW-6	7-9-20	1355	Grab	GW	6	X	X	X	X							
	MW-7	7-9-20	1509	Grab	GW	6	X	X	X	X							
	MW-8	7-9-20	1321	Grab	GW	6	X	X	X	X							
	MW-9	7-9-20	1255	Grab	GW	6	X	X	X	X							
	TRIP BLANK	-	-	-	WA	2	X										Lab Supplied
							<-- Total # of Containers										

Sample Kit Prepared By: ECG	Date/Time: 06/29/20 16:35	Relinquished By	Date/Time: 06/29/20 16:35	Received By	Date/Time: 7/1/20 1200
Comments/Special Reporting Requirements		Relinquished By	Date/Time: 7/1/20 1043	Received By: M Bad	Date/Time: 7/1/20 1043
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: Mel-342 2.7°C		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

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

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

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

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

Friday, July 17, 2020
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): AD04255

Dear Nick Giumarelli,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, July 8, 2020.

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 if applicable. 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

Carlene S Pasipanki

Project Manager

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1 **Lab ID: AD04255-01** **Sampled: 07/09/20 15:43** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	07/11/20	15:43			07/10/20	11:30	07/10/20 13:10
EPA 300.0	NA	08/06/20				07/10/20	11:30	07/10/20 13:10
EPA 350.1	Same	08/06/20				07/14/20	06:49	07/14/20 08:27
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/15/20 19:35
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/16/20 13:09
EPA 7470A	EPA 7470A	08/06/20				07/13/20	11:35	07/14/20 09:35
EPA 8260D	EPA 5030B_MS	07/23/20				07/11/20	12:16	07/11/20 14:57
Field	NO PREP	07/09/20	15:57			07/09/20	15:43	07/09/20 15:43
Field	NO PREP	07/10/20	15:43	07/10/20	15:43	07/09/20	15:43	07/09/20 15:43
Field	NO PREP	07/11/20	15:43			07/09/20	15:43	07/09/20 15:43
SM 2540C-2011	NO PREP	07/16/20				07/13/20	13:29	07/15/20 11:06

Client ID: MW-1 **Lab ID: AD04255-01RE1** **Sampled: 07/09/20 15:43** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	08/06/20	07/10/20	13:59	07/10/20 18:52

Client ID: MW-5 **Lab ID: AD04255-02** **Sampled: 07/09/20 14:34** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	07/11/20	14:34			07/10/20	11:30	07/10/20 13:25
EPA 300.0	NA	08/06/20				07/10/20	11:30	07/10/20 13:25
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/15/20 20:07
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/16/20 13:25
EPA 7470A	EPA 7470A	08/06/20				07/13/20	11:35	07/14/20 09:48
EPA 8260D	EPA 5030B_MS	07/23/20				07/11/20	12:16	07/11/20 15:28
Field	NO PREP	07/09/20	14:48			07/09/20	14:34	07/09/20 14:34
Field	NO PREP	07/10/20	14:34	07/10/20	14:34	07/09/20	14:34	07/09/20 14:34
Field	NO PREP	07/11/20	14:34			07/09/20	14:34	07/09/20 14:34
SM 2540C-2011	NO PREP	07/16/20				07/13/20	13:29	07/15/20 11:06

Client ID: MW-5 **Lab ID: AD04255-02RE1** **Sampled: 07/09/20 14:34** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 350.1	Same	08/06/20	07/14/20	06:49	07/14/20 08:43

Client ID: MW-6 **Lab ID: AD04255-03** **Sampled: 07/09/20 13:55** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	07/11/20	13:55			07/10/20	11:30	07/10/20 13:40
EPA 300.0	NA	08/06/20				07/10/20	11:30	07/10/20 13:40
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/15/20 20:11
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/16/20 13:56
EPA 7470A	EPA 7470A	08/06/20				07/13/20	11:35	07/14/20 09:51
EPA 8260D	EPA 5030B_MS	07/23/20				07/11/20	12:16	07/11/20 16:00
Field	NO PREP	07/09/20	14:09			07/09/20	13:55	07/09/20 13:55
Field	NO PREP	07/10/20	13:55	07/10/20	13:55	07/09/20	13:55	07/09/20 13:55
Field	NO PREP	07/11/20	13:55			07/09/20	13:55	07/09/20 13:55
SM 2540C-2011	NO PREP	07/16/20				07/13/20	13:29	07/15/20 11:06

Client ID: MW-6 **Lab ID: AD04255-03RE1** **Sampled: 07/09/20 13:55** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	08/06/20	07/10/20	13:59	07/10/20 19:07
EPA 350.1	Same	08/06/20	07/14/20	06:49	07/14/20 08:45
EPA 6020B	EPA 3005A	01/05/21	07/13/20	09:23	07/16/20 13:27

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-7 **Lab ID: AD04255-04** **Sampled: 07/09/20 15:09** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	07/11/20	15:09			07/10/20	11:30	07/10/20 13:55
EPA 300.0	NA	08/06/20				07/10/20	11:30	07/10/20 13:55
EPA 350.1	Same	08/06/20				07/14/20	06:49	07/14/20 08:33
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/15/20 21:19
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/16/20 14:10
EPA 7470A	EPA 7470A	08/06/20				07/13/20	11:35	07/14/20 09:54
EPA 8260D	EPA 5030B_MS	07/23/20				07/11/20	12:16	07/11/20 16:31
Field	NO PREP	07/09/20	15:23			07/09/20	15:09	07/09/20 15:09
Field	NO PREP	07/10/20	15:09	07/10/20	15:09	07/09/20	15:09	07/09/20 15:09
Field	NO PREP	07/11/20	15:09			07/09/20	15:09	07/09/20 15:09
SM 2540C-2011	NO PREP	07/16/20				07/13/20	13:29	07/15/20 11:06

Client ID: MW-7 **Lab ID: AD04255-04RE1** **Sampled: 07/09/20 15:09** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	08/06/20	07/10/20	13:59	07/10/20 19:22
EPA 6020B	EPA 3005A	01/05/21	07/13/20	09:23	07/16/20 13:58

Client ID: MW-8 **Lab ID: AD04255-05** **Sampled: 07/09/20 13:21** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	07/11/20	13:21			07/10/20	11:30	07/10/20 14:10
EPA 300.0	NA	08/06/20				07/10/20	11:30	07/10/20 14:10
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/15/20 21:43
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/16/20 14:12
EPA 7470A	EPA 7470A	08/06/20				07/13/20	11:35	07/14/20 10:06
EPA 8260D	EPA 5030B_MS	07/23/20				07/11/20	12:16	07/11/20 17:03
Field	NO PREP	07/09/20	13:35			07/09/20	13:21	07/09/20 13:21
Field	NO PREP	07/10/20	13:21	07/10/20	13:21	07/09/20	13:21	07/09/20 13:21
Field	NO PREP	07/11/20	13:21			07/09/20	13:21	07/09/20 13:21
SM 2540C-2011	NO PREP	07/16/20				07/13/20	13:29	07/15/20 11:06

Client ID: MW-8 **Lab ID: AD04255-05RE1** **Sampled: 07/09/20 13:21** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020B	EPA 3005A	01/05/21	07/13/20	09:23	07/16/20 14:14

Client ID: MW-8 **Lab ID: AD04255-05RE2** **Sampled: 07/09/20 13:21** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 350.1	Same	08/06/20	07/14/20	06:49	07/14/20 09:00

Client ID: MW-9 **Lab ID: AD04255-06** **Sampled: 07/09/20 12:55** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	07/11/20	12:55			07/10/20	11:30	07/10/20 14:25
EPA 300.0	NA	08/06/20				07/10/20	11:30	07/10/20 14:25
EPA 350.1	Same	08/06/20				07/14/20	06:49	07/14/20 08:41
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/15/20 21:51
EPA 6020B	EPA 3005A	01/05/21				07/13/20	09:23	07/16/20 14:16
EPA 7470A	EPA 7470A	08/06/20				07/13/20	11:35	07/14/20 10:09
EPA 8260D	EPA 5030B_MS	07/23/20				07/11/20	12:16	07/11/20 17:34
Field	NO PREP	07/09/20	13:09			07/09/20	12:55	07/09/20 12:55
Field	NO PREP	07/10/20	12:55	07/10/20	12:55	07/09/20	12:55	07/09/20 12:55
Field	NO PREP	07/11/20	12:55			07/09/20	12:55	07/09/20 12:55
SM 2540C-2011	NO PREP	07/16/20				07/13/20	13:29	07/15/20 11:06

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-9 **Lab ID: AD04255-06RE1** **Sampled: 07/09/20 12:55** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	NA	08/06/20	07/10/20 13:59	07/10/20 19:37

Client ID: TRIP BLANK **Lab ID: AD04255-07** **Sampled: 07/09/20 00:00** **Received: 07/08/20 10:43**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260D	EPA 5030B_MS	07/23/20	07/11/20 12:16	07/11/20 18:05

SAMPLE DETECTION SUMMARY

Client ID: MW-1 **Lab ID: AD04255-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.98		0.0098	0.020	mg/L	EPA 350.1	
Cadmium - Total	0.514	I	0.500	3.00	ug/L	EPA 6020B	
Chloride	17		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	31.99				Ft	Field	
Dissolved Oxygen	0.06		0	0	mg/L	Field	
Iron - Total	4900		25.0	50.0	ug/L	EPA 6020B	
Mercury - Total	0.0546	I	0.0230	0.200	ug/L	EPA 7470A	
pH	6.17				pH Units	Field	
Sodium - Total	44.5		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	2309		0	0	umhos/cm	Field	
Temperature	24.6		0	0	°C	Field	
Total Dissolved Solids	2300		10	10	mg/L	SM 2540C-2011	
Turbidity	0.8		0	0	NTU	Field	
Water Elevation	42.67				Ft	Field	

Client ID: MW-1 **Lab ID: AD04255-01RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sulfate	1100		1.3	100	mg/L	EPA 300.0	

Client ID: MW-5 **Lab ID: AD04255-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	26		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	45.3				Ft	Field	
Dissolved Oxygen	0.09		0	0	mg/L	Field	
Iron - Total	4260		25.0	50.0	ug/L	EPA 6020B	
pH	5.98				pH Units	Field	
Sodium - Total	40.0		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	1590		0	0	umhos/cm	Field	
Sulfate	7.8		0.07	5.0	mg/L	EPA 300.0	
Temperature	31.2		0	0	°C	Field	
Total Dissolved Solids	930		10	10	mg/L	SM 2540C-2011	
Turbidity	3.4		0	0	NTU	Field	
Water Elevation	42.71				Ft	Field	

Client ID: MW-5 **Lab ID: AD04255-02RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	7.2		0.049	0.10	mg/L	EPA 350.1	

Client ID: MW-6 **Lab ID: AD04255-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	21.7		5.00	10.0	ug/L	EPA 6020B	
Benzene	0.71	I	0.71	1.0	ug/L	EPA 8260D	
Chloride	18		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	35.24				Ft	Field	
Dissolved Oxygen	0.06		0	0	mg/L	Field	
pH	5.86				pH Units	Field	
Sodium - Total	28.1		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	1513		0	0	umhos/cm	Field	
Temperature	24.6		0	0	°C	Field	
Total Dissolved Solids	1000		10	10	mg/L	SM 2540C-2011	
Turbidity	4.1		0	0	NTU	Field	
Water Elevation	42.81				Ft	Field	

Client ID: MW-6 **Lab ID: AD04255-03RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	3.1		0.020	0.040	mg/L	EPA 350.1	
Iron - Total	13700		250	500	ug/L	EPA 6020B	
Sulfate	150		0.13	10	mg/L	EPA 300.0	

SAMPLE DETECTION SUMMARY

Client ID: MW-7 **Lab ID: AD04255-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.90		0.0098	0.020	mg/L	EPA 350.1	
Arsenic - Total	16.9		5.00	10.0	ug/L	EPA 6020B	
Chloride	23		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	45.88				Ft	Field	
Dissolved Oxygen	0.1		0	0	mg/L	Field	
Mercury - Total	0.0468	I	0.0230	0.200	ug/L	EPA 7470A	
pH	5.77				pH Units	Field	
Sodium - Total	34.7		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	1501		0	0	umhos/cm	Field	
Temperature	25.8		0	0	°C	Field	
Total Dissolved Solids	1100		10	10	mg/L	SM 2540C-2011	
Turbidity	0.9		0	0	NTU	Field	
Water Elevation	42.79				Ft	Field	

Client ID: MW-7 **Lab ID: AD04255-04RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	65600		250	500	ug/L	EPA 6020B	
Sulfate	360		0.33	25	mg/L	EPA 300.0	

Client ID: MW-8 **Lab ID: AD04255-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	49		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	28.58				Ft	Field	
Dissolved Oxygen	0.1		0	0	mg/L	Field	
o-Xylene	0.53	I	0.53	1.0	ug/L	EPA 8260D	
pH	5.94				pH Units	Field	
Sodium - Total	51.4		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	1379		0	0	umhos/cm	Field	
Temperature	26.4		0	0	°C	Field	
Total Dissolved Solids	740		10	10	mg/L	SM 2540C-2011	
Turbidity	1.1		0	0	NTU	Field	
Water Elevation	42.59				Ft	Field	

Client ID: MW-8 **Lab ID: AD04255-05RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	28700		250	500	ug/L	EPA 6020B	

Client ID: MW-8 **Lab ID: AD04255-05RE2**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	13		0.098	0.20	mg/L	EPA 350.1	

Client ID: MW-9 **Lab ID: AD04255-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.31		0.0098	0.020	mg/L	EPA 350.1	
Chloride	20		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	26.23				Ft	Field	
Dissolved Oxygen	0.08		0	0	mg/L	Field	
Iron - Total	221		25.0	50.0	ug/L	EPA 6020B	
pH	6.58				pH Units	Field	
Sodium - Total	13.6		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	1004		0	0	umhos/cm	Field	
Temperature	23.1		0	0	°C	Field	
Total Dissolved Solids	680		10	10	mg/L	SM 2540C-2011	
Turbidity	0.7		0	0	NTU	Field	
Water Elevation	42.41				Ft	Field	

Client ID: MW-9 **Lab ID: AD04255-06RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Sulfate	120		0.13	10	mg/L	EPA 300.0	

ANALYTICAL RESULTS

Description: MW-1 **Lab Sample ID:** AD04255-01 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 15:43 **Work Order:** AD04255

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	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	QM-07
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 14:57	KKW	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*103 %*	*41-142*	*0G11004*	*EPA 8260D*	*07/11/20 14:57*	*KKW*	
Dibromofluoromethane	*51*	*1*	*50.0*	*103 %*	*53-146*	*0G11004*	*EPA 8260D*	*07/11/20 14:57*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*0G11004*	*EPA 8260D*	*07/11/20 14:57*	*KKW*	

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ANALYTICAL RESULTS

Description: MW-1 **Lab Sample ID:** AD04255-01 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 15:43 **Work Order:** AD04255

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]^	**0.0546**	I	ug/L	1	0.0230	0.200	0G13025	EPA 7470A	07/14/20 09:35	JSS	

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]^	50.0	U	ug/L	1	50.0	100	0G13003	EPA 6020B	07/15/20 19:35	SSE	
Arsenic [7440-38-2]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 19:35	SSE	
Cadmium [7440-43-9]^	**0.514**	I	ug/L	1	0.500	3.00	0G13003	EPA 6020B	07/15/20 19:35	SSE	
Chromium [7440-47-3]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 19:35	SSE	
Iron [7439-89-6]^	**4900**		ug/L	1	25.0	50.0	0G13003	EPA 6020B	07/16/20 13:09	SSE	
Lead [7439-92-1]^	2.50	U	ug/L	1	2.50	5.00	0G13003	EPA 6020B	07/16/20 13:09	SSE	
Sodium [7440-23-5]^	**44.5**		mg/L	1	0.320	1.00	0G13003	EPA 6020B	07/16/20 13:09	SSE	

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]^	**0.98**		mg/L	1	0.0098	0.020	0G14003	EPA 350.1	07/14/20 08:27	cbarr	
Chloride [16887-00-6]^	**17**		mg/L	1	0.29	5.0	0G10001	EPA 300.0	07/10/20 13:10	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	0G10001	EPA 300.0	07/10/20 13:10	RSA	
Sulfate [14808-79-8]^	**1100**		mg/L	20	1.3	100	0G10001	EPA 300.0	07/10/20 18:52	RSA	
Total Dissolved Solids^	**2300**		mg/L	1	10	10	0G13013	SM 2540C-2011	07/15/20 11:06	AMP	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**31.99**		Ft	1			0G16042	Field	07/09/20 15:43	CSP	
Dissolved Oxygen	**0.06**		mg/L	1	0	0	0G16042	Field	07/09/20 15:43	CSP	
pH	**6.17**		pH Units	1			0G16042	Field	07/09/20 15:43	CSP	
Specific Conductance (EC)	**2309**		umhos/cm	1	0	0	0G16042	Field	07/09/20 15:43	CSP	
Temperature	**24.6**		°C	1	0	0	0G16042	Field	07/09/20 15:43	CSP	
Turbidity	**0.8**		NTU	1	0	0	0G16042	Field	07/09/20 15:43	CSP	
Water Elevation	**42.67**		Ft	1			0G16042	Field	07/09/20 15:43	CSP	

ANALYTICAL RESULTS

Description: MW-5 **Lab Sample ID:** AD04255-02 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 14:34 **Work Order:** AD04255

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	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 15:28	KKW	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*102 %*	*41-142*	*0G11004*	*EPA 8260D*	*07/11/20 15:28*	*KKW*	
Dibromofluoromethane	*54*	*1*	*50.0*	*109 %*	*53-146*	*0G11004*	*EPA 8260D*	*07/11/20 15:28*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*0G11004*	*EPA 8260D*	*07/11/20 15:28*	*KKW*	

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ANALYTICAL RESULTS

Description: MW-5 **Lab Sample ID:** AD04255-02 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 14:34 **Work Order:** AD04255

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	0G13025	EPA 7470A	07/14/20 09:48	JSS	

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]^	50.0	U	ug/L	1	50.0	100	0G13003	EPA 6020B	07/15/20 20:07	SSE	
Arsenic [7440-38-2]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 20:07	SSE	
Cadmium [7440-43-9]^	0.500	U	ug/L	1	0.500	3.00	0G13003	EPA 6020B	07/15/20 20:07	SSE	
Chromium [7440-47-3]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 20:07	SSE	
Iron [7439-89-6]^	**4260**		ug/L	1	25.0	50.0	0G13003	EPA 6020B	07/16/20 13:25	SSE	
Lead [7439-92-1]^	2.50	U	ug/L	1	2.50	5.00	0G13003	EPA 6020B	07/16/20 13:25	SSE	
Sodium [7440-23-5]^	**40.0**		mg/L	1	0.320	1.00	0G13003	EPA 6020B	07/16/20 13:25	SSE	

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	0.049	0.10	0G14003	EPA 350.1	07/14/20 08:43	cbarr	
Chloride [16887-00-6]^	**26**		mg/L	1	0.29	5.0	0G10001	EPA 300.0	07/10/20 13:25	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	0G10001	EPA 300.0	07/10/20 13:25	RSA	
Sulfate [14808-79-8]^	**7.8**		mg/L	1	0.07	5.0	0G10001	EPA 300.0	07/10/20 13:25	RSA	
Total Dissolved Solids^	**930**		mg/L	1	10	10	0G13013	SM 2540C-2011	07/15/20 11:06	AMP	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**45.3**		Ft	1			0G16042	Field	07/09/20 14:34	CSP	
Dissolved Oxygen	**0.09**		mg/L	1	0	0	0G16042	Field	07/09/20 14:34	CSP	
pH	**5.98**		pH Units	1			0G16042	Field	07/09/20 14:34	CSP	
Specific Conductance (EC)	**1590**		umhos/cm	1	0	0	0G16042	Field	07/09/20 14:34	CSP	
Temperature	**31.2**		°C	1	0	0	0G16042	Field	07/09/20 14:34	CSP	
Turbidity	**3.4**		NTU	1	0	0	0G16042	Field	07/09/20 14:34	CSP	
Water Elevation	**42.71**		Ft	1			0G16042	Field	07/09/20 14:34	CSP	

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AD04255-03 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 13:55 **Work Order:** AD04255

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	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Benzene [71-43-2]^	**0.71**	I	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 16:00	KKW	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*101 %*	*41-142*	*0G11004*	*EPA 8260D*	*07/11/20 16:00*	*KKW*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*53-146*	*0G11004*	*EPA 8260D*	*07/11/20 16:00*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*0G11004*	*EPA 8260D*	*07/11/20 16:00*	*KKW*	

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ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AD04255-03 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 13:55 **Work Order:** AD04255

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	0G13025	EPA 7470A	07/14/20 09:51	JSS	

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]^	50.0	U	ug/L	1	50.0	100	0G13003	EPA 6020B	07/15/20 20:11	SSE	
Arsenic [7440-38-2]^	**21.7**		ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 20:11	SSE	
Cadmium [7440-43-9]^	0.500	U	ug/L	1	0.500	3.00	0G13003	EPA 6020B	07/15/20 20:11	SSE	
Chromium [7440-47-3]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 20:11	SSE	
Iron [7439-89-6]^	**13700**		ug/L	10	250	500	0G13003	EPA 6020B	07/16/20 13:27	SSE	
Lead [7439-92-1]^	2.50	U	ug/L	1	2.50	5.00	0G13003	EPA 6020B	07/16/20 13:56	SSE	
Sodium [7440-23-5]^	**28.1**		mg/L	1	0.320	1.00	0G13003	EPA 6020B	07/16/20 13:56	SSE	

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]^	**3.1**		mg/L	2	0.020	0.040	0G14003	EPA 350.1	07/14/20 08:45	cbarr	
Chloride [16887-00-6]^	**18**		mg/L	1	0.29	5.0	0G10001	EPA 300.0	07/10/20 13:40	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	0G10001	EPA 300.0	07/10/20 13:40	RSA	
Sulfate [14808-79-8]^	**150**		mg/L	2	0.13	10	0G10001	EPA 300.0	07/10/20 19:07	RSA	
Total Dissolved Solids^	**1000**		mg/L	1	10	10	0G13013	SM 2540C-2011	07/15/20 11:06	AMP	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**35.24**		Ft	1			0G16042	Field	07/09/20 13:55	CSP	
Dissolved Oxygen	**0.06**		mg/L	1	0	0	0G16042	Field	07/09/20 13:55	CSP	
pH	**5.86**		pH Units	1			0G16042	Field	07/09/20 13:55	CSP	
Specific Conductance (EC)	**1513**		umhos/cm	1	0	0	0G16042	Field	07/09/20 13:55	CSP	
Temperature	**24.6**		°C	1	0	0	0G16042	Field	07/09/20 13:55	CSP	
Turbidity	**4.1**		NTU	1	0	0	0G16042	Field	07/09/20 13:55	CSP	
Water Elevation	**42.81**		Ft	1			0G16042	Field	07/09/20 13:55	CSP	

ANALYTICAL RESULTS

Description: MW-7 **Lab Sample ID:** AD04255-04 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 15:09 **Work Order:** AD04255

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	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 16:31	KKW	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*103 %*	*41-142*	*0G11004*	*EPA 8260D*	*07/11/20 16:31*	*KKW*	
Dibromofluoromethane	*53*	*1*	*50.0*	*106 %*	*53-146*	*0G11004*	*EPA 8260D*	*07/11/20 16:31*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*0G11004*	*EPA 8260D*	*07/11/20 16:31*	*KKW*	

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ANALYTICAL RESULTS

Description: MW-7 **Lab Sample ID:** AD04255-04 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 15:09 **Work Order:** AD04255

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]^	**0.0468**	I	ug/L	1	0.0230	0.200	0G13025	EPA 7470A	07/14/20 09:54	JSS	

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]^	50.0	U	ug/L	1	50.0	100	0G13003	EPA 6020B	07/15/20 21:19	SSE	
Arsenic [7440-38-2]^	**16.9**		ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 21:19	SSE	
Cadmium [7440-43-9]^	0.500	U	ug/L	1	0.500	3.00	0G13003	EPA 6020B	07/15/20 21:19	SSE	
Chromium [7440-47-3]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 21:19	SSE	
Iron [7439-89-6]^	**65600**		ug/L	10	250	500	0G13003	EPA 6020B	07/16/20 13:58	SSE	
Lead [7439-92-1]^	2.50	U	ug/L	1	2.50	5.00	0G13003	EPA 6020B	07/16/20 14:10	SSE	
Sodium [7440-23-5]^	**34.7**		mg/L	1	0.320	1.00	0G13003	EPA 6020B	07/16/20 14:10	SSE	

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]^	**0.90**		mg/L	1	0.0098	0.020	0G14003	EPA 350.1	07/14/20 08:33	cbarr	
Chloride [16887-00-6]^	**23**		mg/L	1	0.29	5.0	0G10001	EPA 300.0	07/10/20 13:55	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	0G10001	EPA 300.0	07/10/20 13:55	RSA	
Sulfate [14808-79-8]^	**360**		mg/L	5	0.33	25	0G10001	EPA 300.0	07/10/20 19:22	RSA	
Total Dissolved Solids^	**1100**		mg/L	1	10	10	0G13013	SM 2540C-2011	07/15/20 11:06	AMP	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**45.88**		Ft	1			0G16042	Field	07/09/20 15:09	CSP	
Dissolved Oxygen	**0.1**		mg/L	1	0	0	0G16042	Field	07/09/20 15:09	CSP	
pH	**5.77**		pH Units	1			0G16042	Field	07/09/20 15:09	CSP	
Specific Conductance (EC)	**1501**		umhos/cm	1	0	0	0G16042	Field	07/09/20 15:09	CSP	
Temperature	**25.8**		°C	1	0	0	0G16042	Field	07/09/20 15:09	CSP	
Turbidity	**0.9**		NTU	1	0	0	0G16042	Field	07/09/20 15:09	CSP	
Water Elevation	**42.79**		Ft	1			0G16042	Field	07/09/20 15:09	CSP	

ANALYTICAL RESULTS

Description: MW-8 **Lab Sample ID:** AD04255-05 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 13:21 **Work Order:** AD04255

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	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
o-Xylene [95-47-6]^	**0.53**	I	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 17:03	KKW	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*105 %*	*41-142*	*0G11004*	*EPA 8260D*	*07/11/20 17:03*	*KKW*	
Dibromofluoromethane	*57*	*1*	*50.0*	*115 %*	*53-146*	*0G11004*	*EPA 8260D*	*07/11/20 17:03*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*0G11004*	*EPA 8260D*	*07/11/20 17:03*	*KKW*	

ANALYTICAL RESULTS

Description: MW-8 **Lab Sample ID:** AD04255-05 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 13:21 **Work Order:** AD04255

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	0G13025	EPA 7470A	07/14/20 10:06	JSS	

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]^	50.0	U	ug/L	1	50.0	100	0G13003	EPA 6020B	07/15/20 21:43	SSE	
Arsenic [7440-38-2]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 21:43	SSE	
Cadmium [7440-43-9]^	0.500	U	ug/L	1	0.500	3.00	0G13003	EPA 6020B	07/15/20 21:43	SSE	
Chromium [7440-47-3]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 21:43	SSE	
Iron [7439-89-6]^	**28700**		ug/L	10	250	500	0G13003	EPA 6020B	07/16/20 14:14	SSE	
Lead [7439-92-1]^	2.50	U	ug/L	1	2.50	5.00	0G13003	EPA 6020B	07/16/20 14:12	SSE	
Sodium [7440-23-5]^	**51.4**		mg/L	1	0.320	1.00	0G13003	EPA 6020B	07/16/20 14:12	SSE	

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]^	**13**		mg/L	10	0.098	0.20	0G14003	EPA 350.1	07/14/20 09:00	cbarr	
Chloride [16887-00-6]^	**49**		mg/L	1	0.29	5.0	0G10001	EPA 300.0	07/10/20 14:10	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	0G10001	EPA 300.0	07/10/20 14:10	RSA	
Sulfate [14808-79-8]^	0.07	U	mg/L	1	0.07	5.0	0G10001	EPA 300.0	07/10/20 14:10	RSA	
Total Dissolved Solids^	**740**		mg/L	1	10	10	0G13013	SM 2540C-2011	07/15/20 11:06	AMP	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**28.58**		Ft	1			0G16042	Field	07/09/20 13:21	CSP	
Dissolved Oxygen	**0.1**		mg/L	1	0	0	0G16042	Field	07/09/20 13:21	CSP	
pH	**5.94**		pH Units	1			0G16042	Field	07/09/20 13:21	CSP	
Specific Conductance (EC)	**1379**		umhos/cm	1	0	0	0G16042	Field	07/09/20 13:21	CSP	
Temperature	**26.4**		°C	1	0	0	0G16042	Field	07/09/20 13:21	CSP	
Turbidity	**1.1**		NTU	1	0	0	0G16042	Field	07/09/20 13:21	CSP	
Water Elevation	**42.59**		Ft	1			0G16042	Field	07/09/20 13:21	CSP	

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ANALYTICAL RESULTS

Description: MW-9 **Lab Sample ID:** AD04255-06 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 12:55 **Work Order:** AD04255

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	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 17:34	KKW	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*41-142*	*0G11004*	*EPA 8260D*	*07/11/20 17:34*	*KKW*	
Dibromofluoromethane	*54*	*1*	*50.0*	*108 %*	*53-146*	*0G11004*	*EPA 8260D*	*07/11/20 17:34*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*0G11004*	*EPA 8260D*	*07/11/20 17:34*	*KKW*	

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ANALYTICAL RESULTS

Description: MW-9 **Lab Sample ID:** AD04255-06 **Received:** 07/08/20 10:43

Matrix: Ground Water **Sampled:** 07/09/20 12:55 **Work Order:** AD04255

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	0G13025	EPA 7470A	07/14/20 10:09	JSS	

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]^	50.0	U	ug/L	1	50.0	100	0G13003	EPA 6020B	07/15/20 21:51	SSE	
Arsenic [7440-38-2]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 21:51	SSE	
Cadmium [7440-43-9]^	0.500	U	ug/L	1	0.500	3.00	0G13003	EPA 6020B	07/15/20 21:51	SSE	
Chromium [7440-47-3]^	5.00	U	ug/L	1	5.00	10.0	0G13003	EPA 6020B	07/15/20 21:51	SSE	
Iron [7439-89-6]^	**221**		ug/L	1	25.0	50.0	0G13003	EPA 6020B	07/16/20 14:16	SSE	
Lead [7439-92-1]^	2.50	U	ug/L	1	2.50	5.00	0G13003	EPA 6020B	07/16/20 14:16	SSE	
Sodium [7440-23-5]^	**13.6**		mg/L	1	0.320	1.00	0G13003	EPA 6020B	07/16/20 14:16	SSE	

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]^	**0.31**		mg/L	1	0.0098	0.020	0G14003	EPA 350.1	07/14/20 08:41	cbarr	
Chloride [16887-00-6]^	**20**		mg/L	1	0.29	5.0	0G10001	EPA 300.0	07/10/20 14:25	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	0G10001	EPA 300.0	07/10/20 14:25	RSA	
Sulfate [14808-79-8]^	**120**		mg/L	2	0.13	10	0G10001	EPA 300.0	07/10/20 19:37	RSA	
Total Dissolved Solids^	**680**		mg/L	1	10	10	0G13013	SM 2540C-2011	07/15/20 11:06	AMP	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**26.23**		Ft	1			0G16042	Field	07/09/20 12:55	CSP	
Dissolved Oxygen	**0.08**		mg/L	1	0	0	0G16042	Field	07/09/20 12:55	CSP	
pH	**6.58**		pH Units	1			0G16042	Field	07/09/20 12:55	CSP	
Specific Conductance (EC)	**1004**		umhos/cm	1	0	0	0G16042	Field	07/09/20 12:55	CSP	
Temperature	**23.1**		°C	1	0	0	0G16042	Field	07/09/20 12:55	CSP	
Turbidity	**0.7**		NTU	1	0	0	0G16042	Field	07/09/20 12:55	CSP	
Water Elevation	**42.41**		Ft	1			0G16042	Field	07/09/20 12:55	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AD04255-07
Sampled: 07/09/20 00:00
Sampled By: ENCO

Received: 07/08/20 10:43
Work Order: AD04255

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	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.9	U	ug/L	1	1.9	5.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Methyl-tert-Butyl Ether [1634-04-4]^	0.60	U	ug/L	1	0.60	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	0G11004	EPA 8260D	07/11/20 18:05	KKW	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*103 %*	*41-142*	*0G11004*	*EPA 8260D*	*07/11/20 18:05*	*KKW*	
Dibromofluoromethane	*55*	*1*	*50.0*	*110 %*	*53-146*	*0G11004*	*EPA 8260D*	*07/11/20 18:05*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*0G11004*	*EPA 8260D*	*07/11/20 18:05*	*KKW*	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 0G11004 - EPA 5030B_MS

Blank (0G11004-BLK1) Prepared: 07/11/2020 00:00 Analyzed: 07/11/2020 12:20

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	*50*			*ug/L*	*50.0*		*100*	*41-142*			
Dibromofluoromethane	*54*			*ug/L*	*50.0*		*107*	*53-146*			
Toluene-d8	*49*			*ug/L*	*50.0*		*98*	*41-146*			

LCS (0G11004-BS1) Prepared: 07/11/2020 00:00 Analyzed: 07/11/2020 10:46

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0		81	47-139			
Benzene	18		1.0	ug/L	20.0		92	56-136			
Chlorobenzene	21		1.0	ug/L	20.0		104	51-139			
Toluene	19		1.0	ug/L	20.0		97	64-131			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 0G11004 - EPA 5030B_MS - Continued

LCS (0G11004-BS1) Continued Prepared: 07/11/2020 00:00 Analyzed: 07/11/2020 10:46

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	19		1.0	ug/L	20.0		94	62-135			
4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*99*	*41-142*			
Dibromofluoromethane	*57*			*ug/L*	*50.0*		*114*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*101*	*41-146*			

Matrix Spike (0G11004-MS1) Prepared: 07/11/2020 00:00 Analyzed: 07/11/2020 20:41

Source: AD04255-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0	0.94 U	81	47-139			
Benzene	19		1.0	ug/L	20.0	0.71 U	97	56-136			
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	110	51-139			
Toluene	21		1.0	ug/L	20.0	0.72 U	106	64-131			
Trichloroethene	21		1.0	ug/L	20.0	0.89 U	105	62-135			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*41-142*			
Dibromofluoromethane	*55*			*ug/L*	*50.0*		*109*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Matrix Spike Dup (0G11004-MSD1) Prepared: 07/11/2020 00:00 Analyzed: 07/11/2020 21:12

Source: AD04255-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0	0.94 U	83	47-139	3	16	
Benzene	19		1.0	ug/L	20.0	0.71 U	94	56-136	3	14	
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	108	51-139	2	13	
Toluene	20		1.0	ug/L	20.0	0.72 U	98	64-131	8	16	
Trichloroethene	19		1.0	ug/L	20.0	0.89 U	94	62-135	10	20	
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*106*	*41-142*			
Dibromofluoromethane	*55*			*ug/L*	*50.0*		*109*	*53-146*			
Toluene-d8	*50*			*ug/L*	*50.0*		*100*	*41-146*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0G13025 - EPA 7470A

Blank (0G13025-BLK1) Prepared: 07/13/2020 11:35 Analyzed: 07/14/2020 09:29

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

LCS (0G13025-BS1) Prepared: 07/13/2020 11:35 Analyzed: 07/14/2020 09:32

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

Matrix Spike (0G13025-MS1) Prepared: 07/13/2020 11:35 Analyzed: 07/14/2020 09:38

Source: AD04255-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.20		0.200	ug/L	5.00	0.0546	103	75-125			

QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 0G13025 - EPA 7470A - Continued

Matrix Spike Dup (0G13025-MSD1) Prepared: 07/13/2020 11:35 Analyzed: 07/14/2020 09:42

Source: AD04255-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.28		0.200	ug/L	5.00	0.0546	104	75-125	1	20	

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

Batch 0G13003 - EPA 3005A

Blank (0G13003-BLK1) Prepared: 07/13/2020 09:23 Analyzed: 07/15/2020 19:23

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	50.0	U	100	ug/L							
Arsenic	5.00	U	10.0	ug/L							
Cadmium	0.500	U	3.00	ug/L							
Chromium	5.00	U	10.0	ug/L							

Blank (0G13003-BLK2) Prepared: 07/13/2020 09:23 Analyzed: 07/15/2020 19:27

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	5.00	U	10.0	ug/L							
Arsenic	0.500	U	1.00	ug/L							
Cadmium	0.0500	U	0.300	ug/L							
Chromium	0.500	U	1.00	ug/L							

Blank (0G13003-BLK3) Prepared: 07/13/2020 09:23 Analyzed: 07/16/2020 13:03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	25.0	U	50.0	ug/L							
Lead	2.50	U	5.00	ug/L							
Sodium	0.500	U	1.00	mg/L							

Blank (0G13003-BLK4) Prepared: 07/13/2020 09:23 Analyzed: 07/16/2020 13:05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	2.50	U	5.00	ug/L							
Lead	0.250	U	0.500	ug/L							
Sodium	0.0500	U	0.100	mg/L							

LCS (0G13003-BS1) Prepared: 07/13/2020 09:23 Analyzed: 07/15/2020 19:31

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	490		10.0	ug/L	500		98	80-120			
Cadmium	48.2		3.00	ug/L	50.0		96	80-120			
Chromium	506		10.0	ug/L	500		101	80-120			

LCS (0G13003-BS2) Prepared: 07/13/2020 09:23 Analyzed: 07/16/2020 13:07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	1020		50.0	ug/L	1000		102	80-120			

QUALITY CONTROL DATA

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

Batch 0G13003 - EPA 3005A - Continued

LCS (0G13003-BS2) Continued Prepared: 07/13/2020 09:23 Analyzed: 07/16/2020 13:07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	499		5.00	ug/L	500		100	80-120			
Sodium	25.2		1.00	mg/L	25.0		101	80-120			

Matrix Spike (0G13003-MS1) Prepared: 07/13/2020 09:23 Analyzed: 07/15/2020 19:43

Source: AD04255-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1010		100	ug/L	1000	50.0 U	101	75-125			
Arsenic	506		10.0	ug/L	500	5.00 U	101	75-125			
Cadmium	49.0		3.00	ug/L	50.0	0.514	97	75-125			
Chromium	513		10.0	ug/L	500	5.00 U	103	75-125			

Matrix Spike (0G13003-MS2) Prepared: 07/13/2020 09:23 Analyzed: 07/16/2020 13:13

Source: AD04255-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	6070		50.0	ug/L	1000	4900	116	75-125			
Lead	488		5.00	ug/L	500	2.50 U	98	75-125			
Sodium	71.3		1.00	mg/L	25.0	44.5	107	75-125			

Matrix Spike Dup (0G13003-MSD1) Prepared: 07/13/2020 09:23 Analyzed: 07/15/2020 19:47

Source: AD04255-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Aluminum	1010		100	ug/L	1000	50.0 U	101	75-125	0.3	20	
Arsenic	515		10.0	ug/L	500	5.00 U	103	75-125	2	20	
Cadmium	49.7		3.00	ug/L	50.0	0.514	98	75-125	1	20	
Chromium	517		10.0	ug/L	500	5.00 U	103	75-125	0.7	20	

Matrix Spike Dup (0G13003-MSD2) Prepared: 07/13/2020 09:23 Analyzed: 07/16/2020 13:15

Source: AD04255-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	6150		50.0	ug/L	1000	4900	124	75-125	1	20	
Lead	486		5.00	ug/L	500	2.50 U	97	75-125	0.5	20	
Sodium	71.2		1.00	mg/L	25.0	44.5	107	75-125	0.2	20	

Classical Chemistry Parameters - Quality Control

Batch 0G10001 - NO PREP

Blank (0G10001-BLK1) Prepared: 07/10/2020 08:30 Analyzed: 07/10/2020 09:42

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 (0G10001-BS1) Prepared: 07/10/2020 08:30 Analyzed: 07/10/2020 09:57

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			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 0G10001 - NO PREP - Continued

LCS (0G10001-BS1) Continued Prepared: 07/10/2020 08:30 Analyzed: 07/10/2020 09:57

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate as N	27		1.0	mg/L	25.0		106	90-110			
Sulfate	49		5.0	mg/L	50.0		98	90-110			

Matrix Spike (0G10001-MS1) Prepared: 07/10/2020 13:59 Analyzed: 07/10/2020 16:09

Source: AD04526-10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	56		5.0	mg/L	50.0	1.4	109	90-110			
Nitrate as N	27		1.0	mg/L	25.0	0.052 U	109	90-110			
Sulfate	50		5.0	mg/L	50.0	0.07 U	100	90-110			

Matrix Spike (0G10001-MS2) Prepared: 07/10/2020 13:59 Analyzed: 07/10/2020 16:38

Source: AD04526-11

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	51		5.0	mg/L	50.0	1.5	100	90-110			
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	99	90-110			
Sulfate	47		5.0	mg/L	50.0	0.46	92	90-110			

Matrix Spike Dup (0G10001-MSD1) Prepared: 07/10/2020 13:59 Analyzed: 07/10/2020 16:24

Source: AD04526-10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	59		5.0	mg/L	50.0	1.4	115	90-110	6	10	QM-07
Nitrate as N	29		1.0	mg/L	25.0	0.052 U	115	90-110	5	10	QM-07
Sulfate	53		5.0	mg/L	50.0	0.07 U	106	90-110	6	10	

Matrix Spike Dup (0G10001-MSD2) Prepared: 07/10/2020 13:59 Analyzed: 07/10/2020 16:53

Source: AD04526-11

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	52		5.0	mg/L	50.0	1.5	100	90-110	0.7	10	
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	100	90-110	0.8	10	
Sulfate	47		5.0	mg/L	50.0	0.46	93	90-110	0.5	10	

Batch 0G13013 - NO PREP

Blank (0G13013-BLK1) Prepared: 07/13/2020 13:29 Analyzed: 07/15/2020 11:06

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 (0G13013-BS1) Prepared: 07/13/2020 13:29 Analyzed: 07/15/2020 11:06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	100		10	mg/L	100		100	90-110			

Duplicate (0G13013-DUP1) Prepared: 07/13/2020 13:29 Analyzed: 07/15/2020 11:06

Source: AD04526-11

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	86		10	mg/L		92			7	20	

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 0G14003 - NO PREP

Blank (0G14003-BLK1) Prepared: 07/14/2020 06:49 Analyzed: 07/14/2020 08:14

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.0098	U	0.020	mg/L							

LCS (0G14003-BS1) Prepared: 07/14/2020 06:49 Analyzed: 07/14/2020 08:15

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

Matrix Spike (0G14003-MS3) Prepared: 07/14/2020 06:49 Analyzed: 07/14/2020 08:37

Source: AD03791-01RE1

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	3.1		0.040	mg/L	1.00	2.2	94	90-110			

Matrix Spike (0G14003-MS4) Prepared: 07/14/2020 06:49 Analyzed: 07/14/2020 08:51

Source: AD04070-01RE1

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	2.2		0.040	mg/L	1.00	1.2	99	90-110			

Matrix Spike Dup (0G14003-MSD3) Prepared: 07/14/2020 06:49 Analyzed: 07/14/2020 08:38

Source: AD03791-01RE1

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	3.1		0.040	mg/L	1.00	2.2	94	90-110	0	10	

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit. The PQL presented is the laboratory MRL.
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.
[CALC]	Calculated analyte - MDL/MRL reported to the highest reporting limit of the component analyses.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

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

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

www.encolabs.com

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

Requested Analyses

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260D Arom/Halo	Chloride 300,Nitrate as N 300,Sulfate 300,TDS SM2540C	Ammonia 350.1	Al,As,Cd,Cr,Fe,Hg,Na,Pb							Sample Comments
							Preservation (See Codes) (Combine as necessary)										
							IH	I	IS	N							
	MW-1	7-9-20	1543	Grab	GW	6	X	X	X	X							
	MW-5	7-9-20	1434	Grab	GW	6	X	X	X	X							
	MW-6	7-9-20	1355	Grab	GW	6	X	X	X	X							
	MW-7	7-9-20	1509	Grab	GW	6	X	X	X	X							
	MW-8	7-9-20	1321	Grab	GW	6	X	X	X	X							
	MW-9	7-9-20	1255	Grab	GW	6	X	X	X	X							
	TRIP BLANK	-	-	-	WA	2	X										Lab Supplied

<-- Total # of Containers

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder

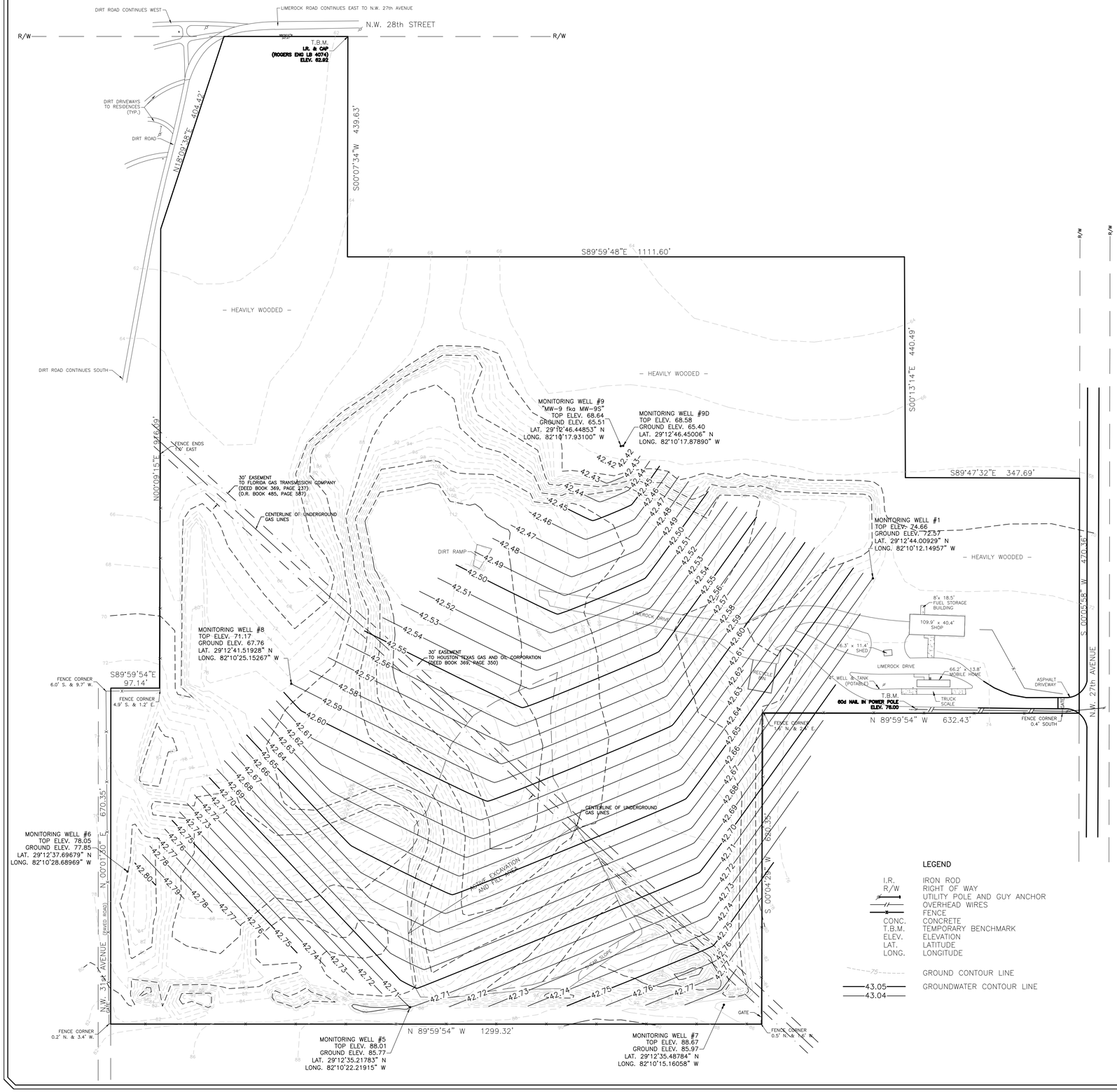
AD04255

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
ECG	06/29/20 16:35		06/29/20 16:35		7/1/20 1200
Comments/Special Reporting Requirements		Relinquished By	Date/Time 7/1/20 1043	Received By M Bradl	Date/Time 7/10/20 1043
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt Med-342 2.7°C		Condition Upon Receipt ___ Acceptable ___ Unacceptable	

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

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

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



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
	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

	Groundwater contours revised 7-21-2020	
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

FRIENDS RECYCLING, LLC.
MARION COUNTY, FLORIDA

ENVIROTECH INC. ENVIRONMENTAL & CIVIL ENGINEERING CONSULTANTS
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WEIRSDALE, FLORIDA 32195
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EMAIL: ENVIROTECH@YMAIL.COM

SITE PLAN
P.N. 2009-
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