ENTERPRISE CLASS III LANDFILL
AND RECYCLING FACILITY
SECOND SEMIANNUAL COMPLIANCE MONITORING REPORT 2019
AND FIRST QUARTERLY GAS REPORT 2019

DEP PERMIT NO. 177982-028-SO/T3, WACS No. 87895

Prepared by:

LOCKLEAR AND ASSOCIATES, INC.
4140 NW 37th Place, Suite A
Gainesville, Florida 32606

C. Walker Wrenn
P.G. No. 2792

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Enterprise Class III Landfill and Recycling Facility

Address 41111 Enterprise Road

City Dade City, Florida Zip 33525 County Pasco

Telephone Number (813) 477-1719

(2) WACS Facility ID 87895

(3) DEP Permit Number 177982-028-SO/T3

(4) Authorized Representative's Name Walker Wrenn, P.G. Title Environmental Division

Address 4140 NW 37th Place, Suite A

City Gainesville, Florida Zip 32606 County Alachua

Telephone Number (352)672-6867

Email address (if available) walker@locklearconsulting.com

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.

1/23/20
(Date)

(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Ideal Tech Services

Analytical Lab NELAC / HRS Certification # E83079

Lab Name Environmental Conservation Laboratories, Inc.

Address 10775 Central Port Drive, Orlando, Florida 32824

Phone Number (407)826-5314

Email address (if available)

Locklear & Associates

TEL (352) 672-6867
FAX (352) 692-5930
4140 NW 37th Place, Suite A,
Gainesville, FL 32606
www.locklearconsulting.com

January 2, 2020

Justin Chamberlain, P.G.
Florida Department of Environmental Protection – Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

RE: Compliance Monitoring Report – Second Semiannual 2019
Enterprise Class III Landfill and Recycling Facility
Permit No. 177982-020-SC/T3
WACS No. 87895

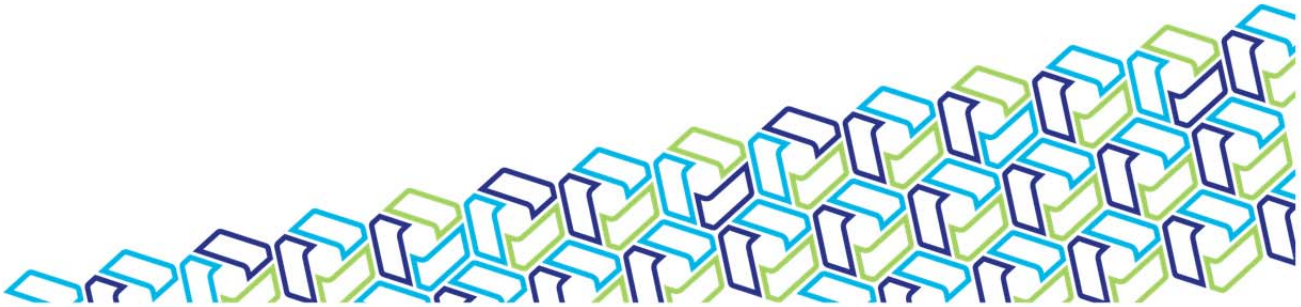
Dear Mr. Chamberlain:

This report presents data from the second 2019 (19S2) semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on September 16, 17 and 18, 2019.

All groundwater wells which require semiannual sampling were sampled and analyzed for the parameters listed in Appendix 3.4.c of the permit with the exception of BW-1A, MW-4, MW-8, MW-9 and MW-10 which were dry or contained insufficient water for sampling. The supply well was sampled for parameters listed in Appendix 3.4.c of the permit. Quality Assurance/Quality Control samples were also collected. All sampling was performed by Ideal Tech Services, Inc. Samples were submitted to Environmental Conservation Laboratories, Inc. (ENCO) in Orlando, Florida.

Surficial monitoring wells BW-1A, MW-4, MW-8, MW-9 and MW-10 routinely do not contain sufficient water for sampling and are therefore paired with Floridan aquifer wells. Groundwater samples were collected from each of the Floridan aquifer wells.

Parameters reported at or outside groundwater standards are presented in Attachment 2. Parameters outside groundwater standards are consistent with historical results. Parameters above the Method Detection Levels (MDL) are presented in Attachment 3. Sampling field forms are present in Attachment 4. All parameters in the QAQC samples collected during this sampling event fell below the laboratory MDL. Automated Data Processing Tool (ADaPT), Electronic Data Deliverable (EDDs), and Laboratory Reports digitally delivered in accordance with the facility permit. We recommend continued semiannual monitoring as specified in the facility permit.



If you have any questions regarding this report, please contact me or John Locklear at (352) 672-6867.

Sincerely,

Walker Wrenn, P.G.
Environmental Services Division Director

P:\P Drive Files\ANGELOS (FLORIDA)\Enterprise Class III\COMPLIANCE MONITORING\2019\19S2\Figures\19S2 Text.docx

Xc: John Arnold, P.E.

Attachment 1: Groundwater Elevation Data, and Groundwater Contour Map
Attachment 2: Analysis Results Compared to Groundwater Standards
Attachment 3: Groundwater Parameters At or Above the Laboratory Detection Limit
Attachment 4: Field Forms
Attachment 5: Laboratory Reports

Attachment 1
Groundwater Elevation Data and Groundwater Contour Maps

GROUNDWATER ELEVATION DATA

Enterprise Class III Landfill and Recycling Facility
2019 - Second Semiannual Compliance Monitoring Event

WELL NAME	TOP OF CASING	CONTOUR MAP		TIME OF SAMPLING	
		DEPTH TO WATER	GROUDWATER ELEVATION	DEPTH TO WATER	GROUDWATER ELEVATION
	(NGVD,FT)	(FT)	(NGVD,FT)	(FT)	(NGVD,FT)
MW-1A	173.77	NA	NA	NA	NA
BW-1A	122.50	49.61	72.89	49.61	72.89
MW-1B	174.11	101.41	72.70	101.41	72.70
BW-1B	122.82	49.99	72.83	50.04	72.78
MW-4	97.09	15.99	81.10	16.05	81.04
MW-4B	97.12	24.45	72.67	24.49	72.63
MW-5AR	94.91	15.84	79.07	15.89	79.02
MW-5BR	94.32	22.30	72.02	22.34	71.98
MW-6	88.65	22.33	66.32	22.33	66.32
MW-6B	89.10	25.59	63.51	25.59	63.51
MW-7A	100.72	27.08	73.64	27.08	73.64
MW-7BR	103.27	30.41	72.86	30.41	72.86
MW-8	100.10	34.55	65.55	34.55	65.55
MW-8B	108.52	35.59	72.93	35.59	72.93
MW-9	108.00	29.36	78.64	29.36	78.64
MW-9B	109.75	36.67	73.08	36.67	73.08
MW-10	111.62	37.23	74.39	37.23	74.39
MW-10B	110.00	36.91	73.09	36.91	73.09
MW-11	104.45	31.37	73.08	NM	NM
MW-11B	106.11	33.28	72.83	NM	NM
MW-12A	121.43	48.72	72.71	NM	NM
MW-12B	121.84	48.71	73.13	NM	NM
MW-18B	152.58	79.97	72.61	79.97	72.61
MW-19A	146.88	57.47	89.41	57.47	89.41
MW-20B	126.86	54.25	72.61	54.25	72.61
MW-21A	93.94	19.51	74.43	19.51	74.43
MW-22A	97.11	23.06	74.05	23.12	73.99
MW-22B	96.71	24.06	72.65	24.11	72.60
MW-23B	96.27	23.63	72.64	23.65	72.62
MW-24A	94.87	21.95	72.92	21.95	72.92
MW-24B	95.04	22.38	72.66	22.38	72.66
P-6	94.16	30.10	64.06	30.10	64.06
P-8	133.94	62.57	71.37	62.57	71.37
P-10	132.60	59.86	72.74	59.86	72.74
P-11	150.76	57.14	93.62	57.14	93.62
SUPPLY WELL	NM	NM	NM	NM	NM

* = new Top of Casing elevations due to riser pipe being cut
NS = Not sampled
NM = Not measured
NA = Not Available

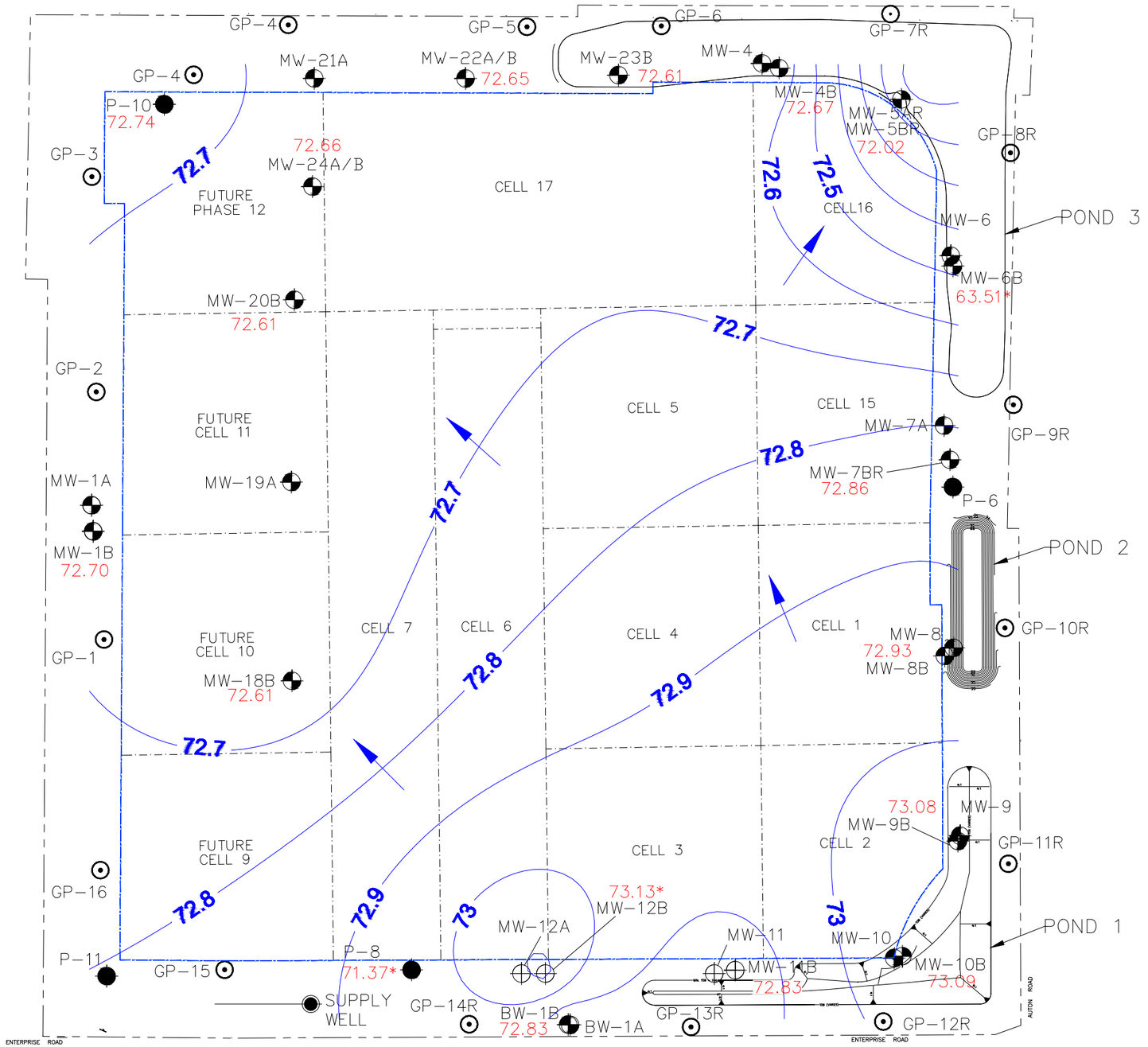
LEGEND

MW-4B	MONITORING WELL LOCATION
72.67	GROUNDWATER ELEVATION
GP-1	GAS PROBE LOCATION
	SUPPLY WELL LOCATION
P-11	PIEZOMETER WELL LOCATION
MW-12A	WATER LEVEL ONLY WELL LOCATION
	PROPERTY BOUNDARY
	LANDFILL LIMITS
	CELL BOUNDARY
71.5	GROUNDWATER CONTOUR LINE (0.1' INTERVALS)
	GROUNDWATER FLOW DIRECTION
*	NOT USED IN CONTOURING

N

SCALE IN FEET

200 100 0 200 400



Locklear & Associates

PROJECT MANAGER	W. WRENN
DESIGNED	J. LOCKLEAR
CHECKED BY	W. WRENN
DRAWN BY	W. WRENN
PROJECT NUMBER	114-001

ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

FLORIDAN AQUIFER
GROUNDWATER CONTOUR MAP

September 16, 2019

FILENAME

SCALE

SHEET

LEGEND

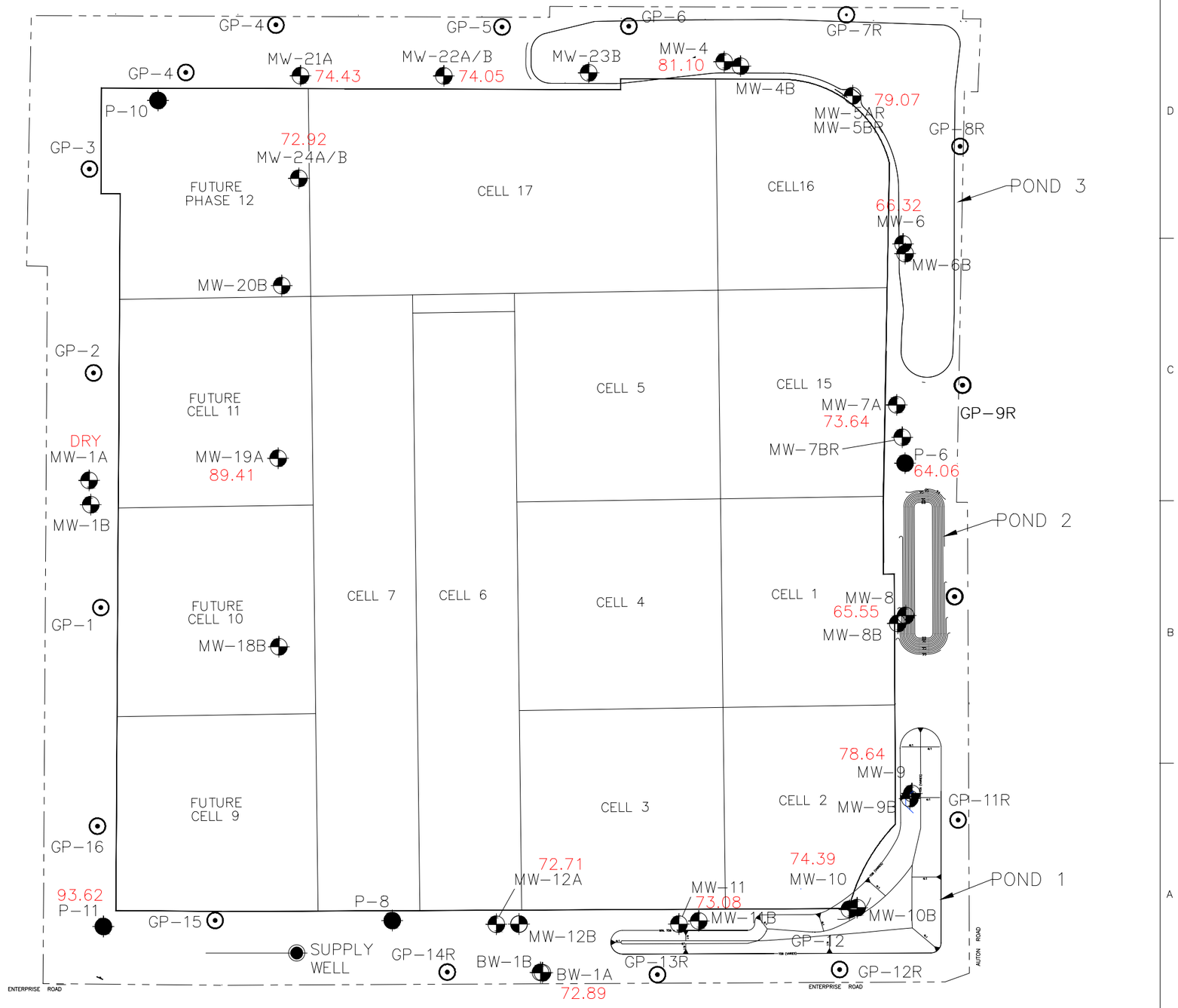
MW–4	MONITORING WELL LOCATION
81.10	GROUNDWATER ELEVATION
GP–1	GAS PROBE LOCATION
	SUPPLY WELL LOCATION
P–11	PIEZOMETER WELL LOCATION
—— - - ——	PROPERTY BOUNDARY
— — — —	LANDFILL LIMITS
	CELL BOUNDARY

Note: Elevations are not contoured as values represent laterally discontinuous water bearing sediments as well as perched water intervals. n some cases elevations may represent water contained within well sumps.

N

SCALE IN FEET

200 100 0 200 400



PROJECT MANAGER	W. WRENN
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PROJECT NUMBER	114–001

Locklear & Associates

ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

SURFICIAL AQUIFER
GROUNDWATER ELEVATIONS

September 16, 2019

FILENAME

SCALE

SHEET

Attachment 2
Analysis Results Compared to Groundwater Standards

Enterprise Class III Landfill and Recycling Facility

Analysis Results Compared to Groundwater Standards

2019 - Second Semiannual Compliance Monitoring Sampling

Results PARAMETER	COLLECTION	pH (FIELD)	BROMODICHLOROMETHANE	NITRATE as N	IRON
STANDARD	DATE	6.5-8.5 s.u.**	0.6 µg/L***	10 mg/L*	300 µg/L**
UNITS	M/D/Y	S.U.	µg/L	mg/L	µg/L
Background					
BW-1B	9/18/2019	-	-	-	-
Detection					
MW-4	9/17/2019	6.14	-	-	-
MW-4B	9/17/2019	-	-	-	-
MW-5AR	9/17/2019	5.39	-	-	6730
MW-5BR	9/17/2019	-	-	-	-
MW-6	9/16/2019	5.39	-	20	-
MW-6B	9/16/2019	-	-	-	-
MW-7A	9/16/2019	5.29	-	-	7400
MW-7BR	9/16/2019	-	-	-	-
MW-8B	9/16/2019	-	-	-	5470
MW-9B	9/16/2019	-	-	-	-
MW-10B	9/16/2019	6.44	-	-	-
MW-18B	9/16/2019	-	-	-	-
MW-19A	9/16/2019	4.85	-	15	-
MW-20B	9/16/2019	-	-	-	-
MW-21A	9/17/2019	-	-	-	656
MW-22A	9/17/2019	-	-	-	-
MW-22B	9/17/2019	-	-	-	-
MW-23B	9/17/2019	-	-	-	-
MW-24A	9/17/2019	5.64	-	-	-
MW-24B	9/17/2019	-	0.76 I	-	-
DUPLICATE	9/17/2019	NM	0.78 I	-	-
Other, Water Supply					
Supply well	9/16/2019	-	-	-	-
QAQC					
EQUBLK	9/16/2019	NM	-	-	-
TRIP 1	9/17/2019	NM	-	NM	NM
TRIP 2	9/17/2019	NM	-	NM	NM
TRIP 3	9/18/2019	NM	-	NM	NM

LEGEND

*** = primary drinking water standard**

**** = secondary drinking water standard**

***** = Chapter 62-777-Groundwater Cleanup Target Level (GCTL)**

A = Analysis Result is at Groundwater Standard

- = Analysis Result is not at or outside Groundwater Standard

NS = Not Sampled

NM = Not Measured

S = initially sampling results previously submitted to the Department on May 10, 2018

Note: Analysis results which were reported above the laboratory detection limit, but not at or above the Groundwater Standard are not displayed in this table.

Attachment 3
Groundwater Parameters At or Above the Laboratory Detection Limit

Enterprise Class III Landfill and Recycling Facility

Parameters At or Above Laboratory Detection Limit

2019 - Second Semiannual Compliance Monitoring Sampling Results

PARAMETER		CONDUCTIVITY	DISSOLVED OXYGEN	pH (FIELD)	TEMPERATURE	TURBIDITY (FIELD)	AMMONIA as NITROGEN	BROMODICHLORO METHANE
STANDARD	COLLECTION	1	1	6.5-8.5 s.u.**	1	1	1	0.6 µg/L***
UNITS	DATE	umhos/cm	mg/L	S.U.	deg C	NTU	mg/L	µg/L
Background								
BW-1B	9/18/2019	261.8	6.8	7.25	24.7	0.6	<0.0098	<0.52
Detection								
MW-4	9/17/2019	693	4.45	6.14	29	2.5	<0.0098	<0.52
MW-4B	9/17/2019	298.8	3.02	7.32	24.9	0.6	<0.0098	<0.52
MW-5AR	9/17/2019	269.1	0.31	5.39	27.3	2	0.056	<0.52
MW-5BR	9/17/2019	351.5	1.82	6.78	24.8	0.7	<0.0098	<0.52
MW-6	9/16/2019	502	1.23	5.39	28.2	9.5	<0.0098	<0.52
MW-6B	9/16/2019	329.5	1.73	7.28	25	0.6	<0.0098	<0.52
MW-7A	9/16/2019	344.7	0.22	5.29	27.7	5.7	0.15	<0.52
MW-7BR	9/16/2019	309.6	0.88	7.38	25.8	4.4	<0.0098	<0.52
MW-8B	9/16/2019	653	0.03	6.69	27.2	0.5	1.3	<0.52
MW-9B	9/16/2019	499	1.27	6.91	27.5	0.9	<0.0098	<0.52
MW-10B	9/16/2019	379.4	0.09	6.44	26.2	0.9	<0.0098	<0.52
MW-18B	9/16/2019	744	0.16	6.67	26.9	0.5	0.11	<0.52
MW-19A	9/16/2019	479.69	3.8	4.85	25.3	5	<0.0098	<0.52
MW-20B	9/16/2019	312.3	4.87	7.47	25.4	11.6	<0.0098	<0.52
MW-21A	9/17/2019	92.9	2	7.27	24	0.8	<0.0098	<0.52
MW-22A	9/17/2019	198.9	2.89	6.69	25.3	2.4	<0.0098	<0.52
MW-22B	9/17/2019	245.2	3.51	7.7	24.1	10.4	<0.0098	<0.52
MW-23B	9/17/2019	629	3.42	6.73	25.9	0.5	<0.0098	<0.52
MW-24A	9/17/2019	56	6.24	5.64	25.2	12.7	<0.0098	<0.52
MW-24B	9/17/2019	290.6	2.48	7.63	24.5	3.6	<0.0098	0.76 I
DUPLICATE	9/17/2019	-	-	-	-	-	<0.0098	0.78 I
Other, Water Supply								
Supply well	9/16/2019	445.8	0.12	7.01	25.1	0.6	0.63	<0.52

LEGEND

* = primary drinking water standard
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*** = Chapter 62-777-Groundwater Cleanup Target Level (GCTL)
1 = No Standard
- = Not analyzed
I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time
U = Indicates that the compound was analyzed for but not detected

Enterprise Class III Landfill and Recycling Facility

Parameters At or Above Laboratory Detection Limit

2019 - Second Semiannual Compliance Monitoring Sampling Results

PARAMETER	CHLORIDE	CHLOROFORM	NITRATE as N	TDS	BARIUM	CADMIUM	CHROMIUM	COBALT
STANDARD	250 mg/L**	70 µg/L***	10 mg/L*	500 mg/L**	2000 µg/L*	5 µg/L*	100 µg/L*	140µg/L***
UNITS	mg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L
Background								
BW-1B	12	<0.80	6.3	150	<50.0	<0.500	<5.00	<5.00
Detection								
MW-4	30	<0.80	0.88 I	400	<50.0	<0.500	<5.00	<5.00
MW-4B	3.7 I	<0.80	0.46 I	160	<50.0	<0.500	<5.00	<5.00
MW-5AR	24	<0.80	<0.052	170	<50.0	<0.500	<5.00	<5.00
MW-5BR	4.9 I	<0.80	0.72 I	230	<50.0	<0.500	<5.00	<5.00
MW-6	27	<0.80	20	350	<50.0	<0.500	<5.00	<5.00
MW-6B	4.4 I	<0.80	1.1	190	<50.0	<0.500	<5.00	<5.00
MW-7A	9.4	<0.80	<0.052	230	<50.0	<0.500	<5.00	<5.00
MW-7BR	4.2 I	<0.80	0.84 I	200	<50.0	<0.500	<5.00	<5.00
MW-8B	18	<0.80	<0.052	390	70.3 I	<0.500	<5.00	<5.00
MW-9B	7.3	<0.80	4.5	320	<50.0	<0.500	<5.00	<5.00
MW-10B	7.5	<0.80	1.3	220	<50.0	<0.500	<5.00	<5.00
MW-18B	17	<0.80	0.081 I	490	<50.0	<0.500	<5.00	<5.00
MW-19A	75	<0.80	15	370	<50.0	0.853 I	<5.00	10.0
MW-20B	11	<0.80	2.8	210	<50.0	<0.500	<5.00	<5.00
MW-21A	4.7 I	<0.80	0.32 I	28	<50.0	<0.500	<5.00	<5.00
MW-22A	3.5 I	<0.80	1.9	100	<50.0	<0.500	<5.00	<5.00
MW-22B	5.1	<0.80	1.3	170	<50.0	<0.500	<5.00	<5.00
MW-23B	6.8	<0.80	0.40 I	380	<50.0	<0.500	<5.00	<5.00
MW-24A	4.1 I	<0.80	2.4	76	<50.0	<0.500	<5.00	<5.00
MW-24B	14	5.4	3.1	200	<50.0	<0.500	6.70 I	<5.00
DUPLICATE	13	5.5	3.1	200	<50.0	<0.500	6.55 I	<5.00
Other, Water Supply								
Supply well	12	<0.80	2.0	290	<50.0	<0.500	<5.00	<5.00

LEGEND

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Enterprise Class III Landfill and Recycling Facility

Parameters At or Above Laboratory Detection Limit

2019 - Second Semiannual Compliance Monitoring Sampling Results

PARAMETER	COPPER	IRON	MERCURY	NICKEL	SODIUM	VANADIUM
STANDARD	1000 µg/L**	300 µg/L**	2 µg/L*	100 µg/L*	160 mg/L*	49 µg/L***
UNITS	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
Background						
BW-1B	<2.50	<25.0	<0.0230	<5.00	7.44	<5.00
Detection						
MW-4	<2.50	31.1 I	<0.0230	<5.00	14.1	<5.00
MW-4B	<2.50	<25.0	<0.0230	<5.00	4.32	<5.00
MW-5AR	<2.50	6730	<0.0230	<5.00	10.6	<5.00
MW-5BR	<2.50	<25.0	<0.0230	<5.00	4.51	<5.00
MW-6	<2.50	96.2	<0.0230	<5.00	15.3	<5.00
MW-6B	<2.50	<25.0	<0.0230	<5.00	3.96	5.43 I
MW-7A	<2.50	7400	0.0275 I	<5.00	10.8	<5.00
MW-7BR	<2.50	28.0 I	<0.0230	<5.00	3.86	6.99 I
MW-8B	<2.50	5470	<0.0230	<5.00	13.9	<5.00
MW-9B	<2.50	155	<0.0230	<5.00	6.32	<5.00
MW-10B	<2.50	<25.0	0.0971 I	<5.00	6.73	<5.00
MW-18B	<2.50	216	<0.0230	8.31 I	8.95	<5.00
MW-19A	<2.50	89.2	<0.0230	5.64 I	16.5	<5.00
MW-20B	<2.50	129	<0.0230	<5.00	6.37	<5.00
MW-21A	<2.50	656	<0.0230	<5.00	5.54	<5.00
MW-22A	<2.50	<25.0	<0.0230	<5.00	4.05	<5.00
MW-22B	<2.50	<25.0	<0.0230	<5.00	4.60	<5.00
MW-23B	<2.50	<25.0	<0.0230	<5.00	7.87	<5.00
MW-24A	<2.50	130	<0.0230	<5.00	3.37	<5.00
MW-24B	4.73 I	<25.0	<0.0230	<5.00	14.3	<5.00
DUPLICATE	<2.50	<25.0	<0.0230	<5.00	14.3	<5.00
Other, Water Supply						
Supply well	<2.50	44.8 I	<0.0230	<5.00	8.69	<5.00

LEGEND

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Attachment 4
Field Forms

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **BW-1A**	WACS_WELL: 28983	DATE: 9/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 57.50 feet to 77.50 feet	STATIC DEPTH TO WATER (feet): 49.61	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (77.50 feet – feet) X .16 gallons/foot = gallons

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

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

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

SAMPLING DATA

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
BW-1A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ *100*
BW-1A	1	PE	250 mL	HNO_3	None		Metals	Stainless ESP	≈
BW-1A	1	PE	250 mL	H_2SO_4	None		Ammonia (350.1)	Stainless ESP	≈
BW-1A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈
BW-1A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ *100*

REMARKS: excessive draw and turbidity historically
ORP=

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **BW-1B**	WACS_WELL:	DATE: 9/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 88.50 feet to 108.50 feet	STATIC DEPTH TO WATER (feet): 50.04	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (108.50 feet – 50.04 feet) X .16 gallons/foot = 9.35 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 52.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 52.00	PURGING INITIATED AT: 1017	PURGING ENDED AT: 1046	TOTAL VOLUME PURGED (gallons): 14.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1036	9.50	9.50	.50	50.92	7.11	24.7	2498	6.91	1.30	none	none
1041	2.50	12.00	.50	50.92	7.21	24.7	256.1	6.83	.70	"	"
1046	2.50	14.50	.50	50.92	7.25	24.7	261.8	6.80	.60	"	"

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1046	SAMPLING ENDED AT: 1051
PUMP OR TUBING DEPTH IN WELL (feet): 52.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

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

REMARKS: Slowed Pump to sample
ORP= +199.5

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-4**	WACS_WELL: **19572**	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .170	WELL SCREEN INTERVAL DEPTH: 3.50 feet to 23.50 feet	STATIC DEPTH TO WATER (feet): 16.05	PURGE PUMP TYPE OR BAILER: Stainless PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.42 feet – feet) X .16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (.0006 gallons/foot X 25.00 feet) + .032 gallons = .05 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.00	PURGING INITIATED AT: 1328	PURGING ENDED AT: 1333	TOTAL VOLUME PURGED (gallons): .15

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1333	.15	.15	.03	18.05	6.14	29.0	693	4.45	2.50	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Louis Contento, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Lauren LeBeau	SAMPLING INITIATED AT: 1333	SAMPLING ENDED AT: 1343
PUMP OR TUBING DEPTH IN WELL (feet): 23.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y [N]	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-4	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	PP	≈ 100
MW-4	1	PE	250 mL	HNO_3	None	<2	Metals	PP	≈ 114
MW-4	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	PP	≈ 114
MW-4	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 114
MW-4	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100

REMARKS: utilized purge dry method
ORP= +48.2 18.89 DTW @ sample end

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-4B**	WACS_WELL: **21965**	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 43.50 feet to 58.50 feet	STATIC DEPTH TO WATER (feet): 24.49	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (54.95 feet – 24.49 feet) X .16 gallons/foot = 4.87 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.50	PURGING INITIATED AT: 1353	PURGING ENDED AT: 1409	TOTAL VOLUME PURGED (gallons): 8.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1403	5.00	5.00	.50	24.51	7.32	24.9	288.4	3.06	1.00	None	None
1406	1.50	6.50	.50	24.51	7.33	25.0	290.7	3.07	.90	None	None
1409	1.50	8.00	.50	24.51	7.32	24.9	298.8	3.02	.40	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1409	SAMPLING ENDED AT: 1414
PUMP OR TUBING DEPTH IN WELL (feet): 25.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

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

REMARKS:
ORP= + 42.9

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-5AR**	WACS_WELL: 30178	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .170	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 15.89	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25.18 feet − 15.89 feet) X .16 gallons/foot = 1.49 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.00	PURGING INITIATED AT: 1432	PURGING ENDED AT: 1457	TOTAL VOLUME PURGED (gallons): 2.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1451	1.52	1.52	.08	20.75	5.44	27.3	273.9	.32	3.70	None	None
1454	.24	1.76	.08	21.10	5.38	27.6	269.0	.33	2.50	None	None
1457	.24	2.00	.08	21.56	5.39	27.3	269.1	.31	2.00	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Louis Contento, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen McBean	SAMPLING INITIATED AT: 1457	SAMPLING ENDED AT: 1503
PUMP OR TUBING DEPTH IN WELL (feet): 23.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y [N]	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5AR	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	PP	≈ 100
MW-5AR	1	PE	250 mL	HNO_3	None	<2	Metals	PP	≈ 303
MW-5AR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	PP	≈ 303
MW-5AR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 303
MW-5AR	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100

REMARKS:

ORP= -124.3

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-5BR**	WACS_WELL: 30179	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 23 feet to 63 feet	STATIC DEPTH TO WATER (feet): 22.34	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (63.63 feet – 22.34 feet) X .16 gallons/foot = 6.61 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.50	PURGING INITIATED AT: 1505	PURGING ENDED AT: 1532	TOTAL VOLUME PURGED (gallons): 10.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1522	4.80	4.80	.40	22.35	4.76	24.9	345.2	1.90	1.00	None	None
1527	2.00	8.80	.40	22.35	4.77	24.8	351.1	1.85	.90	None	None
1532	2.00	10.80	.40	22.35	4.78	24.8	351.5	1.82	.70	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1532	SAMPLING ENDED AT: 1537
PUMP OR TUBING DEPTH IN WELL (feet): 23.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y [N]	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5BR	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-5BR	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1514
MW-5BR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1514
MW-5BR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1514
MW-5BR	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= + 48.6

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-6**	WACS_WELL: **19575**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 20 feet to 40 feet	STATIC DEPTH TO WATER (feet): 22.33	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (39.86 feet – feet) X .16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (.002 gallons/foot X 45.00 feet) + .032 gallons = ..12 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.00	PURGING INITIATED AT: 1545	PURGING ENDED AT: 1553	TOTAL VOLUME PURGED (gallons): .56

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1553	.56	.56	.07	24.69	5.39	28.2	502	1.23	9.50	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1553	SAMPLING ENDED AT: 1559
PUMP OR TUBING DEPTH IN WELL (feet): 30.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-6	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-6	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 265
MW-6	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 265
MW-6	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 265
MW-6	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: utilized purge dry method excessive drawdown lowest achievable flow rate
ORP= +112.8 Ntu sample end = 5.50

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-6B**	WACS_WELL: 28982	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 47 feet to 67 feet	STATIC DEPTH TO WATER (feet): 25.59	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (66.65 feet – 25.59 feet) X .16 gallons/foot = 6.57 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.50	PURGING INITIATED AT: 1514	PURGING ENDED AT: 1537	TOTAL VOLUME PURGED (gallons): 10.35

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1529	6.75	6.75	.45	25.67	7.27	25.0	326.5	1.80	.80	None	None
1533	1.80	8.55	.45	25.67	7.26	24.9	326.2	1.76	.70	None	None
1537	1.80	10.35	.45	25.67	7.28	25.0	329.5	1.73	.60	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1537	SAMPLING ENDED AT: 1542
PUMP OR TUBING DEPTH IN WELL (feet): 26.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-6B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-6B	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1135
MW-6B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-6B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-6B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Slowed pump to sample
ORP= + 30.7

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-7A**	WACS_WELL: **19576**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 25.80 feet to 45.80 feet	STATIC DEPTH TO WATER (feet): 27.08	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (45.80 feet – 27.08 feet) X .16 gallons/foot = 3.00 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1418	PURGING ENDED AT: 1448	TOTAL VOLUME PURGED (gallons): 3.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1442	3.12	3.12	.13	34.10	5.26	28.1	333.3	.23	11.80	None	None
1445	.39	3.51	.13	34.58	5.28	28.0	337.7	.21	7.20	None	None
1448	.39	3.90	.13	35.08	5.29	27.7	344.7	.22	5.20	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1448	SAMPLING ENDED AT: 1455
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-7A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-7A	1	PE	250 mL	HNO_3	None	< 2	Metals	Stainless ESP	≈ 492
MW-7A	1	PE	250 mL	H_2SO_4	None	< 2	Ammonia (350.1)	Stainless ESP	≈ 492
MW-7A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 492
MW-7A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= + 70.0

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-7BR**	WACS_WELL: **22592**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 46 feet to 61 feet	STATIC DEPTH TO WATER (feet): 30.41	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (61.00 feet – 30.41 feet) X .16 gallons/foot = 4.89 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.50	PURGING INITIATED AT: 1338	PURGING ENDED AT: 1400	TOTAL VOLUME PURGED (gallons): 7.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1352	4.90	4.90	.35	30.45	7.39	25.7	308.4	.89	2.40	None	None
1356	1.40	6.30	.35	30.45	7.39	25.8	309.3	.84	6.20	None	None
1400	1.40	7.70	.35	30.45	7.38	25.8	309.6	.88	4.40	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1400	SAMPLING ENDED AT: 1405
PUMP OR TUBING DEPTH IN WELL (feet): 31.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-7BR	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-7BR	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1325
MW-7BR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1325
MW-7BR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1325
MW-7BR	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= + 22.9

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-8**	WACS_WELL: **19578**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 15.90 feet to 35.90 feet	STATIC DEPTH TO WATER (feet): 34.55	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (35.90 feet – feet) X .16 gallons/foot = gallons

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

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

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

SAMPLING DATA

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-8	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ *100*
MW-8	1	PE	250 mL	HNO_3	None		Metals	Stainless ESP	≈
MW-8	1	PE	250 mL	H_2SO_4	None		Ammonia (350.1)	Stainless ESP	≈
MW-8	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈
MW-8	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ *100*

REMARKS: Not enough water to sustain flow
ORP=

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-8B**	WACS_WELL: **21323**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 42 feet to 57 feet	STATIC DEPTH TO WATER (feet): 35.59	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (57.00 feet – 35.59 feet) X .16 gallons/foot = 3.43 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.50	PURGING INITIATED AT: 1258	PURGING ENDED AT: 1310	TOTAL VOLUME PURGED (gallons): 7.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1304	3.90	3.90	.65	35.61	6.67	27.3	654	.02	.50	None	None
1307	1.95	5.85	.65	35.61	6.68	27.2	653	.04	.50	None	None
1310	1.95	7.80	.65	35.61	6.69	27.2	653	.03	.50	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1310	SAMPLING ENDED AT: 1315
PUMP OR TUBING DEPTH IN WELL (feet): 36.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-8B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-8B	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1135
MW-8B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-8B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-8B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: slowed pump to sample
ORP= – 209.6

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-9**	WACS_WELL: **19579**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 9.70 feet to 29.70 feet	STATIC DEPTH TO WATER (feet): 29.36 ~~29.36~~ (10) 9/16/19	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (29.70 feet – feet) X .16 gallons/foot = gallons

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

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

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

SAMPLING DATA

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

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

REMARKS: Not enough water to sustain flow
ORP=

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-9B**	WACS_WELL: **21324**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 33.90 feet to 48.90 feet	STATIC DEPTH TO WATER (feet): 36.67	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (48.90 feet – 36.67 feet) X .16 gallons/foot = 1.96 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.50	PURGING INITIATED AT: 1228	PURGING ENDED AT: 1240	TOTAL VOLUME PURGED (gallons): 4.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1234	2.40	2.40	.40	36.81	6.92	27.5	493	1.25	1.90	None	None
1237	1.20	3.60	.40	36.81	6.93	27.5	493	1.35	1.00	None	None
1240	1.20	4.80	.40	36.81	6.91	27.5	499	1.27	.90	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1240	SAMPLING ENDED AT: 1245
PUMP OR TUBING DEPTH IN WELL (feet): 37.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-9B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-9B	1	PE	250 mL	HNO_3	None	< 2	Metals	Stainless ESP	≈ 1514
MW-9B	1	PE	250 mL	H_2SO_4	None	< 2	Ammonia (350.1)	Stainless ESP	≈ 1514
MW-9B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1514
MW-9B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= +69.9

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-10**	WACS_WELL: **19580**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 17.65 feet to 37.65 feet	STATIC DEPTH TO WATER (feet): 37.23	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (37.65 feet – feet) X .16 gallons/foot = gallons

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

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

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

SAMPLING DATA

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-10	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ *100*
MW-10	1	PE	250 mL	HNO_3	None		Metals	Stainless ESP	≈
MW-10	1	PE	250 mL	H_2SO_4	None		Ammonia (350.1)	Stainless ESP	≈
MW-10	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈
MW-10	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ *100*

REMARKS: Not enough water to sustain flow
ORP=

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-10B**	WACS_WELL: **21325**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	STATIC DEPTH TO WATER (feet): 36.91	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (61.90 feet – 36.91 feet) X .16 gallons/foot = 4.00 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.00	PURGING INITIATED AT: 1151	PURGING ENDED AT: 1201	TOTAL VOLUME PURGED (gallons): 15.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1155	6.00	6.00	1.50	37.24	6.35	26.2	376.0	.05	.90	None	None
1158	4.50	10.50	1.50	37.24	6.41	26.2	377.1	.07	.90	None	None
1201	4.50	15.00	1.50	37.24	6.44	26.2	379.4	.09	.90	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1201	SAMPLING ENDED AT: 1206
PUMP OR TUBING DEPTH IN WELL (feet): 38.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-10B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-10B	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1135
MW-10B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-10B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-10B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Slowed pump to sample

ORP= -14.4

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-18B**	WACS_WELL: 28986	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 83.50 feet to 103.50 feet	STATIC DEPTH TO WATER (feet): 79.97	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (108.48 feet – 79.97 feet) X .16 gallons/foot = 4.56 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 81.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 81.00	PURGING INITIATED AT: 0913	PURGING ENDED AT: 0935	TOTAL VOLUME PURGED (gallons): 6.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0929	4.80	4.80	.30	80.00	6.67	26.9	747	.17	.80	None	None
0932	.90	5.70	.30	80.00	6.67	26.9	745	.14	.50	None	None
0935	.90	6.60	.30	80.00	6.67	26.9	744	.16	.50	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 0935	SAMPLING ENDED AT: 0940
PUMP OR TUBING DEPTH IN WELL (feet): 81.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-18B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-18B	1	PE	250 mL	HNO_3	None	< 2	Metals	Stainless ESP	≈ 1135
MW-18B	1	PE	250 mL	H_2SO_4	None	< 2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-18B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-18B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= +16.6

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-19A**	WACS_WELL: 28987	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 74 feet to 94 feet	STATIC DEPTH TO WATER (feet): 57.47	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (99.03 feet – 57.47 feet) X .16 gallons/foot = 6.65 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 58.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 59.00	PURGING INITIATED AT: 0950	PURGING ENDED AT: 1025	TOTAL VOLUME PURGED (gallons): 10.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1013	6.90	6.90	.30	58.20	4.85	25.1	492.5	3.55	19.30	None	None
1019	1.80	8.70	.30	58.20	4.84	25.3	484.7	3.64	10.80	None	None
1025	1.80	10.50	.30	58.20	4.85	25.3	479.9	3.80	5.00	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen M Bea	SAMPLING INITIATED AT: 1025	SAMPLING ENDED AT: 1030
PUMP OR TUBING DEPTH IN WELL (feet): 59.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-19A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-19A	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1135
MW-19A	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-19A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-19A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= +224.7

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-20B**	WACS_WELL: 28990	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 52.84 feet to 72.84 feet	STATIC DEPTH TO WATER (feet): 54.25	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (72.84 feet – 54.25 feet) X .16 gallons/foot = 2.97 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 55.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1044	PURGING ENDED AT: 1054	TOTAL VOLUME PURGED (gallons): 9.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1116	8.00	8.00	.25	54.28	7.45	25.8	311.4	4.80	17.30	None	None
1119	.75	8.75	25	54.28	7.45	25.6	311.9	4.86	14.20	None	None
1122	.75	9.50	.25	54.28	7.47	25.4	312.3	4.87	11.60	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1122	SAMPLING ENDED AT: 1127
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-20B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-20B	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 946
MW-20B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 946
MW-20B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 946
MW-20B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: purge water begins very cloudy NTU @ metals 9.80
ORP= +61.5

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-21A**	WACS_WELL: 30530	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 78.00 feet to 98.00 feet	STATIC DEPTH TO WATER (feet): 19.51	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (98.10 feet – 19.51 feet) X .16 gallons/foot = 12.57 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.50	PURGING INITIATED AT: 1031	PURGING ENDED AT: 1052	TOTAL VOLUME PURGED (gallons): 21.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1044	13.00	13.00	1.00	20.78	7.32	23.9	94.5	1.92	1.80	Clear, dk grey	Slight Sulfur
1048	4.00	17.00	1.00	20.78	7.28	24.0	93.6	1.95	1.50	dk grey	
1052	4.00	21.00	1.00	20.78	7.27	24.0	92.9	2.00	.80	dk grey	

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Louis Contento, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBlanc	SAMPLING INITIATED AT: 1052	SAMPLING ENDED AT: 1057
PUMP OR TUBING DEPTH IN WELL (feet): 21.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-21A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-21A	1	PE	250 mL	HNO_3	None	< 2	Metals	Stainless ESP	≈ 1135
MW-21A	1	PE	250 mL	H_2SO_4	None	< 2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-21A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-21A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Black particles observed in purge water
ORP= -157.3 Slowed pump to sample

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-22A**	WACS_WELL: 30532	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 31.00 feet to 41.00 feet	STATIC DEPTH TO WATER (feet): 23.12	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (41.21 feet – feet) X .16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (.006 gallons/foot X 41 feet) + .032 gallons = .28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.00	PURGING INITIATED AT: 1105	PURGING ENDED AT: 1118	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1112	.70	.70	.10	24.78	6.75	25.2	199.5	2.94	5.30	None	None
1115	.30	1.00	.10	24.81	6.73	25.2	203.5	2.89	2.60	None	None
1118	.30	1.30	.10	24.85	6.69	25.3	198.9	2.89	2.40	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Louis Contento, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen L Bea	SAMPLING INITIATED AT: 1118	SAMPLING ENDED AT: 1124
PUMP OR TUBING DEPTH IN WELL (feet): 36.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-22A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-22A	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 378
MW-22A	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 378
MW-22A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 378
MW-22A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:
ORP= + 31.5

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-22B**	WACS_WELL: 30533	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 84.00 feet to 94.00 feet	STATIC DEPTH TO WATER (feet): 24.11	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (94.20 feet – feet) X .16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (.006 gallons/foot X 95 feet) + .032 gallons = .60 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 89.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 89.00	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1207	TOTAL VOLUME PURGED (gallons): 11.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1201	9.30	9.30	.30	24.12	7.70	24.2	243.5	3.53	17.60	None	None
1204	.90	10.20	.30	24.12	7.73	24.1	243.5	3.54	11.20	None	None
1207	.90	11.10	.30	24.12	7.70	24.1	245.2	3.51	10.40	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Louis Contento, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1207	SAMPLING ENDED AT: 1212
PUMP OR TUBING DEPTH IN WELL (feet): 89.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-22B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-22B	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1135
MW-22B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-22B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-22B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:
ORP= + 30.1 7.90 NTU @ metals

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-23B**	WACS_WELL: 30535	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 29.00 feet to 49.00 feet	STATIC DEPTH TO WATER (feet): 23.65	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (49.30 feet – 23.65 feet) X .16 gallons/foot = 4.10 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.50	PURGING INITIATED AT: 1253	PURGING ENDED AT: 1311	TOTAL VOLUME PURGED (gallons): 6.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1305	4.20	4.20	.35	23.80	6.73	25.9	631	3.47	.90	None	None
1308	1.05	5.25	.35	23.80	6.73	25.8	630	3.46	.50	None	None
1311	1.05	6.30	.35	23.80	6.73	25.9	629	3.42	.50	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Louis Contento, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1311	SAMPLING ENDED AT: 1316
PUMP OR TUBING DEPTH IN WELL (feet): 24.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-23B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-23B	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1325
MW-23B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1325
MW-23B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1325
MW-23B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:
ORP= + 96.9

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-24A**	WACS_WELL: 30607	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 23.00 feet to 43.00 feet	STATIC DEPTH TO WATER (feet): 21.95	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (43.75 feet – 21.95 feet) X .16 gallons/foot = 3.49 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.00	PURGING INITIATED AT: 0902	PURGING ENDED AT: 0947	TOTAL VOLUME PURGED (gallons): 5.625

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0930	3.50	3.50	.125	24.22	5.66	25.1	57.3	6.41	47.70	Cloudy	None
0941	1.375	4.875	.125	24.30	5.61	25.1	55.4	6.41	19.70	None	None
0944	.375	5.25	.125	24.30	5.61	25.2	55.7	6.30	15.50	None	None
0947	.375	5.625	.125	24.32	5.64	25.2	56.0	6.24	12.70	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Louis Contento, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Lauren LeBeau	SAMPLING INITIATED AT: 0947	SAMPLING ENDED AT: 0953
PUMP OR TUBING DEPTH IN WELL (feet): 25.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-24A	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-24A	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 473
MW-24A	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 473
MW-24A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 473
MW-24A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= +210.0 Ntu@metals: 10.00

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-24B**	WACS_WELL: 30608	DATE: 9/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 84.00 feet to 94.00 feet	STATIC DEPTH TO WATER (feet): 22.38	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (94.11 feet – feet) X .16 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (.006 gallons/foot X 97 feet) + .032 gallons = .61 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 89.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 89.00	PURGING INITIATED AT: 1002	PURGING ENDED AT: 1016	TOTAL VOLUME PURGED (gallons): 2.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1010	1.60	1.60	.20	23.68	7.58	24.5	310.3	2.54	14.30	None	None
1013	.60	2.20	.20	23.68	7.65	24.4	299.5	2.59	5.80	None	None
1016	.60	2.80	.20	23.69	7.63	24.5	290.6	2.48	3.60	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Louis Contento, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1016	SAMPLING ENDED AT: 1026
PUMP OR TUBING DEPTH IN WELL (feet): 89.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-24B	6	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-24B	2	PE	250 mL	HNO_3	None	<2 / <2	Metals	Stainless ESP	≈ 757
MW-24B	2	PE	250 mL	H_2SO_4	None	<2 / <2	Ammonia (350.1)	Stainless ESP	≈ 757
MW-24B	2	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 757
MW-24B	4	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100
	(16) 9-17-19					sample/pump			

REMARKS:

ORP= +157.5

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **SUPPLY WELL (SW)**	WACS_WELL: **21326**	DATE: 9/16/19

PURGING DATA

WELL DIAMETER (inches): 6	TUBING DIAMETER (inches): **.375**	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	STATIC DEPTH TO WATER (feet): In Place Plumbing	PURGE PUMP TYPE OR BAILER: **IN PLACE PLUMBING**

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): In Place Plumbing	FINAL PUMP OR TUBING DEPTH IN WELL (feet): In Place Plumbing	PURGING INITIATED AT: 1616	PURGING ENDED AT: 1625	TOTAL VOLUME PURGED (gallons): 18.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1619	6.00	6.00	2.00	In	6.97	25.0	451.8	.11	.70	None	None
1622	6.00	12.00	2.00	Place	7.00	25.0	447.5	.11	.60	None	None
1625	6.00	18.00	2.00	Plumbing	7.01	25.1	445.8	.12	.60	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1625	SAMPLING ENDED AT: 1630
PUMP OR TUBING DEPTH IN WELL (feet): In Place Plumbing	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

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

REMARKS: Slowed pump to sample
ORP= +3.7

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **HDPE** = High Density Polyethylene; **LDPE** = Low Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

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

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

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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

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

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

www.encolabs.com

Client Name: Angelo's Recycled Materials (AN010)	Project Number: 37895
Address: 41111 Enterprise Road	Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
City/ST/Zip: Dade City, FL 33525	PO # / Billing Info:
Tel: (352) 521-3607 / Fax:	Reporting Contact: Walker Wrenn
Sampler(s) Name, Affiliation (Print): Karen LeBeau, Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature: Karen LeBeau	Site Location / Time Zone: FL/EST

Requested Analyses

8011	8260D Appendix 1 FL	Chloride 300,Nitrate as N 300,TDS SM2540C	Ammonia 350.1	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Na,Ni,Pb,Sb,Se,Tl,V,Zn					

Preservation (See Codes) (Combine as necessary)

I	IH	I	IS	N					

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC06162

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Sample Comments
1	MW-18B	9-16-19	0940	Grab	GW	8	
2	MW-19A	9-16-19	1030	Grab	GW	8	
3	MW-20B	9-16-19	1127	Grab	GW	8	
4	MW-10B	9-16-19	1206	Grab	GW	8	
5	MW-9B	9-16-19	1245	Grab	GW	8	
6	MW-8B	9-16-19	1315	Grab	GW	8	
7	MW-7BR	9-16-19	1405	Grab	GW	8	
8	MW-7A	9-16-19	1455	Grab	GW	8	
9	MW-6B	9-16-19	1542	Grab	GW	8	
10	MW-6	9-16-19	1559	Grab	GW	8	
11	Supply Well	9-16-19	1630	Grab	GW	8	
	EQUIPMENT BLANK	9-16-19	1323	Grab	GW	8	Field DI Water

<-- Total # of Containers

Sample Kit Prepared By	Date/Time
RMA	9/4/19 17:30

Comments/Special Reporting Requirements:

Relinquished By	Date/Time	Received By	Date/Time
	9/4/19 17:30		9/6/19 1250
	9/17/19 1335		9/18/19 1330

Cooler #'s & Temps on Receipt: 4.4 / 4.7 / 3.3°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

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

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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

Client Name	Project Number
Angelo's Recycled Materials (AN010)	87895
Address	**Project Name/Desc**
41111 Enterprise Road	ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
City/ST/Zip	**PO # / Billing Info**
Dade City, FL 33525	
Tel (352) 521-3607 / **Fax**	**Reporting Contact** Walker Wrenn
Sampler(s) Name, Affiliation (Print) Karen LeBeau Ideal Tech Services Inc.	**Billing Contact** John Arnold
Sampler(s) Signature KarenLeBeau	**Site Location / Time Zone** FL / EST

Requested Analyses

8011	8260D Appendix 1 FL	Chloride 300, Nitrate as N 300, TDS SM2540C	Ammonia 350.1	Ag, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Hg, Na, Ni, Pb, Sb, Se, Tl, V, Zn

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due ___/___/___

Lab Workorder

AC06162

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary) I	IH	I	IS	N	Sample Comments
	MW-24A	9-17-19	0953	Grab	GW	8	2	3	1	1	1	
	MW-24B	9-17-19	1026	Grab	GW	8	2	3	1	1	1	
	Duplicate	9-17-19	1026	Grab	GW	8	2	3	1	1	1	
	MW-21A	9-17-19	1057	Grab	GW	8	2	3	1	1	1	
	MW-22A	9-17-19	1124	Grab	GW	8	2	3	1	1	1	
	MW-22B	9-17-19	1212	Grab	GW	8	2	3	1	1	1	
	trip blank 1	—	—	Grab	O	2	-	2	-	-	-	Lab Supplied
	trip blank 2	—	—	Grab	O	2	-	2	-	-	-	lab supplied

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
KMA	9/4/19 17:50	[signature]	9/4/19 17:50	[signature]	9/6/19 1250
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		[signature]	9/17/19 1335	[signature]	
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: 1.3C 4.4 3.7C

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)

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

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

Client Name: Angelo's Recycled Materials (AN010)	Project Number: 87895
Address: 41111 Enterprise Road	Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
City/ST/Zip: Dade City, FL 33525	PO # / Billing Info:
Tel: (352) 521-3607 Fax:	Reporting Contact: Walker Wrenn
Sampler(s) Name, Affiliation (Print): KarenLeBeau Ideal Tech services Inc.	Billing Contact: John Arnold
Sampler(s) Signature: KarenLeBeau	Site Location / Time Zone: FL/EST

Requested Analyses

8011	8260D Appendix 1 FL	Chloride 300,Nitrate as N 300,TDS SM2540C	Ammonia 350.1	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Na,Ni, Pb,Sb,Se,Tl,V,Zn					

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC06162

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	IH	I	IS	N						Sample Comments
1	MW-23B	9-17-19	1316	Grab	GW	8	2	3	1	1	1						
2	MW-4	9-17-19	1343	Grab	GW	8	2	3	1	1	1						
3	MW-4B	9-17-19	1414	Grab	GW	8	2	3	1	1	1						
4	MW-5AR	9-17-19	1503	Grab	GW	8	2	3	1	1	1						
5	MW-5BR	9-17-19	1537	Grab	GW	8	2	3	1	1	1						
6	BW-1B	9-18-19	1051	Grab	GW	8	2	3	1	1	1						
	trip blank 3	-	-	Grab	O	2	-	2	-	-	-						Lab Supplied

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
KMA	9/4/19 17:30		9/4/19 1730		9/6/19 1250
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
			9/18/19 1648		9/18/19 1
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: Lg - 5273.3C		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

Attachment 5
Laboratory Reports

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

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

Monday, September 30, 2019
Angelo's Recycled Materials (AN010)
Attn: Walker Wrenn
41111 Enterprise Road
Dade City, FL 33525

RE: Laboratory Results for
Project Number: 87895, Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
ENCO Workorder(s): AC06162

Dear Walker Wrenn,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, September 17, 2019.

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,

David Camacho For Carlene S Pasipanki

Project Manager

Enclosure(s)

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-18B **Lab ID: AC06162-01** **Sampled: 09/16/19 09:40** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	09:40			09/17/19	17:27	09/17/19 22:18
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 22:18
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:15
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:00
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 08:55
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 16:16
EPA 8260D	EPA 5030B_MS	09/30/19				09/20/19	00:00	09/20/19 15:59
Field	NO PREP	09/16/19	09:54			09/16/19	09:40	09/16/19 09:40
Field	NO PREP	09/17/19	09:40	09/17/19	09:40	09/16/19	09:40	09/16/19 09:40
Field	NO PREP	09/18/19	09:40			09/16/19	09:40	09/16/19 09:40
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-19A **Lab ID: AC06162-02** **Sampled: 09/16/19 10:30** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	10:30			09/17/19	17:27	09/17/19 19:30
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 19:30
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:21
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 11:09
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 09:04
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 16:32
EPA 8260D	EPA 5030B_MS	09/30/19				09/20/19	00:00	09/20/19 16:28
Field	NO PREP	09/16/19	10:44			09/16/19	10:30	09/16/19 10:30
Field	NO PREP	09/17/19	10:30	09/17/19	10:30	09/16/19	10:30	09/16/19 10:30
Field	NO PREP	09/18/19	10:30			09/16/19	10:30	09/16/19 10:30
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-20B **Lab ID: AC06162-03** **Sampled: 09/16/19 11:27** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	11:27			09/17/19	17:27	09/17/19 19:45
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 19:45
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:22
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:08
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 09:08
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 16:48
EPA 8260D	EPA 5030B_MS	09/30/19				09/20/19	00:00	09/20/19 16:56
Field	NO PREP	09/16/19	11:41			09/16/19	11:27	09/16/19 11:27
Field	NO PREP	09/17/19	11:27	09/17/19	11:27	09/16/19	11:27	09/16/19 11:27
Field	NO PREP	09/18/19	11:27			09/16/19	11:27	09/16/19 11:27
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-10B **Lab ID: AC06162-04** **Sampled: 09/16/19 12:06** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	12:06			09/17/19	17:27	09/17/19 17:59
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 17:59
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:25
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:12
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 09:11
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 17:20
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 01:00
Field	NO PREP	09/16/19	12:20			09/16/19	12:06	09/16/19 12:06
Field	NO PREP	09/17/19	12:06	09/17/19	12:06	09/16/19	12:06	09/16/19 12:06
Field	NO PREP	09/18/19	12:06			09/16/19	12:06	09/16/19 12:06
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-9B **Lab ID: AC06162-05** **Sampled: 09/16/19 12:45** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	12:45			09/17/19	17:27	09/17/19 22:03
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 22:03
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:26
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:16
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 09:14
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 17:36
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 01:29
Field	NO PREP	09/16/19	12:59			09/16/19	12:45	09/16/19 12:45
Field	NO PREP	09/17/19	12:45	09/17/19	12:45	09/16/19	12:45	09/16/19 12:45
Field	NO PREP	09/18/19	12:45			09/16/19	12:45	09/16/19 12:45
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-8B **Lab ID: AC06162-06** **Sampled: 09/16/19 13:15** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	13:15			09/17/19	17:27	09/17/19 17:28
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 17:28
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:28
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:20
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 09:17
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 17:52
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 01:57
Field	NO PREP	09/16/19	13:29			09/16/19	13:15	09/16/19 13:15
Field	NO PREP	09/17/19	13:15	09/17/19	13:15	09/16/19	13:15	09/16/19 13:15
Field	NO PREP	09/18/19	13:15			09/16/19	13:15	09/16/19 13:15
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-7BR **Lab ID: AC06162-07** **Sampled: 09/16/19 14:05** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	14:05			09/17/19	17:27	09/17/19 20:31
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 20:31
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:29
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:27
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 09:48
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 18:08
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 02:26
Field	NO PREP	09/16/19	14:19			09/16/19	14:05	09/16/19 14:05
Field	NO PREP	09/17/19	14:05	09/17/19	14:05	09/16/19	14:05	09/16/19 14:05
Field	NO PREP	09/18/19	14:05			09/16/19	14:05	09/16/19 14:05
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-7A **Lab ID: AC06162-08** **Sampled: 09/16/19 14:55** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	14:55			09/17/19	17:27	09/17/19 20:01
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 20:01
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:30
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:31
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 09:51
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 18:24
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 02:55
Field	NO PREP	09/16/19	15:09			09/16/19	14:55	09/16/19 14:55
Field	NO PREP	09/17/19	14:55	09/17/19	14:55	09/16/19	14:55	09/16/19 14:55
Field	NO PREP	09/18/19	14:55			09/16/19	14:55	09/16/19 14:55
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-6B **Lab ID: AC06162-09** **Sampled: 09/16/19 15:42** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	15:42			09/17/19	17:27	09/17/19 17:44
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 17:44
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:31
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:35
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 09:54
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 18:41
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 03:24
Field	NO PREP	09/16/19	15:56			09/16/19	15:42	09/16/19 15:42
Field	NO PREP	09/17/19	15:42	09/17/19	15:42	09/16/19	15:42	09/16/19 15:42
Field	NO PREP	09/18/19	15:42			09/16/19	15:42	09/16/19 15:42
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-6 **Lab ID: AC06162-10** **Sampled: 09/16/19 15:59** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	15:59			09/17/19	17:27	09/17/19 20:47
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 20:47
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:32
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 13:39
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 10:03
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 18:57
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 03:52
Field	NO PREP	09/16/19	16:13			09/16/19	15:59	09/16/19 15:59
Field	NO PREP	09/17/19	15:59	09/17/19	15:59	09/16/19	15:59	09/16/19 15:59
Field	NO PREP	09/18/19	15:59			09/16/19	15:59	09/16/19 15:59
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: Supply Well **Lab ID: AC06162-11** **Sampled: 09/16/19 16:30** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	16:30			09/17/19	17:27	09/17/19 20:16
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 20:16
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:33
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 14:07
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 10:06
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 19:13
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 04:21
Field	NO PREP	09/16/19	16:44			09/16/19	16:30	09/16/19 16:30
Field	NO PREP	09/17/19	16:30	09/17/19	16:30	09/16/19	16:30	09/16/19 16:30
Field	NO PREP	09/18/19	16:30			09/16/19	16:30	09/16/19 16:30
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

Client ID: EQUIPMENT BLANK **Lab ID: AC06162-12** **Sampled: 09/16/19 13:23** **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/18/19	13:23			09/17/19	17:27	09/17/19 21:48
EPA 300.0	NA	10/14/19				09/17/19	17:27	09/17/19 21:48
EPA 350.1	Same	10/14/19				09/18/19	11:30	09/18/19 12:35
EPA 6020B	EPA 3005A	03/14/20				09/18/19	10:00	09/19/19 11:37
EPA 7470A	EPA 7470A	10/14/19				09/18/19	11:25	09/19/19 10:30
EPA 8011	EPA 504/8011	09/30/19				09/20/19	12:50	09/20/19 19:29
EPA 8260D	EPA 5030B_MS	09/30/19				09/18/19	15:14	09/19/19 04:50
SM 2540C-2011	NO PREP	09/23/19				09/18/19	11:00	09/20/19 12:15

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-24A | **Lab ID: AC06162-13** | **Sampled: 09/17/19 09:53** | **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/19/19	09:53			09/17/19	17:27	09/17/19 22:34
EPA 300.0	NA	10/15/19				09/17/19	17:27	09/17/19 22:34
EPA 350.1	Same	10/15/19				09/18/19	11:30	09/18/19 12:36
EPA 6020B	EPA 3005A	03/15/20				09/18/19	10:00	09/19/19 14:11
EPA 7470A	EPA 7470A	10/15/19				09/18/19	11:25	09/19/19 10:09
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:50	09/20/19 19:45
EPA 8260D	EPA 5030B_MS	10/01/19				09/18/19	15:14	09/19/19 05:18
Field	NO PREP	09/17/19	10:07			09/17/19	09:53	09/17/19 09:53
Field	NO PREP	09/18/19	09:53	09/18/19	09:53	09/17/19	09:53	09/17/19 09:53
Field	NO PREP	09/19/19	09:53			09/17/19	09:53	09/17/19 09:53
SM 2540C-2011	NO PREP	09/24/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-24B | **Lab ID: AC06162-14** | **Sampled: 09/17/19 10:26** | **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/19/19	10:26			09/17/19	17:27	09/17/19 21:02
EPA 300.0	NA	10/15/19				09/17/19	17:27	09/17/19 21:02
EPA 350.1	Same	10/15/19				09/18/19	11:30	09/18/19 12:39
EPA 6020B	EPA 3005A	03/15/20				09/18/19	10:00	09/19/19 14:15
EPA 7470A	EPA 7470A	10/15/19				09/18/19	11:25	09/19/19 10:12
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:50	09/20/19 20:17
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	00:00	09/20/19 17:25
Field	NO PREP	09/17/19	10:40			09/17/19	10:26	09/17/19 10:26
Field	NO PREP	09/18/19	10:26	09/18/19	10:26	09/17/19	10:26	09/17/19 10:26
Field	NO PREP	09/19/19	10:26			09/17/19	10:26	09/17/19 10:26
SM 2540C-2011	NO PREP	09/24/19				09/18/19	11:00	09/20/19 12:15

Client ID: DUPLICATE | **Lab ID: AC06162-15** | **Sampled: 09/17/19 10:26** | **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/19/19	10:26			09/17/19	17:27	09/17/19 22:49
EPA 300.0	NA	10/15/19				09/17/19	17:27	09/17/19 22:49
EPA 350.1	Same	10/15/19				09/18/19	11:30	09/18/19 12:41
EPA 6020B	EPA 3005A	03/15/20				09/18/19	10:00	09/19/19 14:19
EPA 7470A	EPA 7470A	10/15/19				09/18/19	11:25	09/19/19 10:15
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:50	09/20/19 20:33
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	00:00	09/20/19 17:54
SM 2540C-2011	NO PREP	09/24/19				09/18/19	11:00	09/20/19 12:15

Client ID: MW-21A | **Lab ID: AC06162-16** | **Sampled: 09/17/19 10:57** | **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/19/19	10:57			09/17/19	17:27	09/17/19 18:45
EPA 300.0	NA	10/15/19				09/17/19	17:27	09/17/19 18:45
EPA 350.1	Same	10/15/19				09/18/19	11:30	09/18/19 12:42
EPA 6020B	EPA 3005A	03/15/20				09/18/19	10:00	09/19/19 14:27
EPA 7470A	EPA 7470A	10/15/19				09/18/19	11:25	09/19/19 10:18
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:50	09/20/19 20:49
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	15:15	09/21/19 00:36
Field	NO PREP	09/17/19	11:11			09/17/19	10:57	09/17/19 10:57
Field	NO PREP	09/18/19	10:57	09/18/19	10:57	09/17/19	10:57	09/17/19 10:57
Field	NO PREP	09/19/19	10:57			09/17/19	10:57	09/17/19 10:57
SM 2540C-2011	NO PREP	09/24/19				09/19/19	13:00	09/23/19 16:26

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-22A | **Lab ID: AC06162-17** | **Sampled: 09/17/19 11:24** | **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/19/19	11:24			09/17/19	17:27	09/17/19 23:04
EPA 300.0	NA	10/15/19				09/17/19	17:27	09/17/19 23:04
EPA 350.1	Same	10/15/19				09/18/19	11:30	09/18/19 12:43
EPA 6020B	EPA 3005A	03/15/20				09/18/19	10:00	09/19/19 14:31
EPA 7470A	EPA 7470A	10/15/19				09/18/19	11:25	09/19/19 10:21
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:50	09/20/19 21:06
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	15:15	09/21/19 01:34
Field	NO PREP	09/17/19	11:38			09/17/19	11:24	09/17/19 11:24
Field	NO PREP	09/18/19	11:24	09/18/19	11:24	09/17/19	11:24	09/17/19 11:24
Field	NO PREP	09/19/19	11:24			09/17/19	11:24	09/17/19 11:24
SM 2540C-2011	NO PREP	09/24/19				09/19/19	13:00	09/23/19 16:26

Client ID: MW-22B | **Lab ID: AC06162-18** | **Sampled: 09/17/19 12:12** | **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/19/19	12:12			09/18/19	10:00	09/18/19 16:33
EPA 300.0	NA	10/15/19				09/18/19	10:00	09/18/19 16:33
EPA 350.1	Same	10/15/19				09/18/19	11:30	09/18/19 12:44
EPA 6020B	EPA 3005A	03/15/20				09/18/19	10:00	09/19/19 14:35
EPA 7470A	EPA 7470A	10/15/19				09/18/19	11:25	09/19/19 10:24
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:50	09/20/19 21:22
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	15:15	09/21/19 02:02
Field	NO PREP	09/17/19	12:26			09/17/19	12:12	09/17/19 12:12
Field	NO PREP	09/18/19	12:12	09/18/19	12:12	09/17/19	12:12	09/17/19 12:12
Field	NO PREP	09/19/19	12:12			09/17/19	12:12	09/17/19 12:12
SM 2540C-2011	NO PREP	09/24/19				09/19/19	13:00	09/23/19 16:26

Client ID: TRIP BLANK 1 | **Lab ID: AC06162-19** | **Sampled: 09/17/19 00:00** | **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260D	EPA 5030B_MS	10/01/19	09/20/19	15:15	09/21/19 02:31

Client ID: TRIP BLANK 2 | **Lab ID: AC06162-20** | **Sampled: 09/17/19 00:00** | **Received: 09/17/19 13:35**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260D	EPA 5030B_MS	10/01/19	09/20/19	15:15	09/21/19 03:00

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SAMPLE DETECTION SUMMARY

Client ID: MW-18B **Lab ID: AC06162-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.11		0.0098	0.020	mg/L	EPA 350.1	QM-07
Chloride	17		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	79.97				Ft	Field	
Dissolved Oxygen	0.16		0	0	mg/L	Field	
Iron - Total	216		25.0	50.0	ug/L	EPA 6020B	
Nickel - Total	8.31	I	5.00	10.0	ug/L	EPA 6020B	
Nitrate as N	0.081	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	16.6		-999	-999	mV	Field	
pH	6.67				pH Units	Field	
Sodium - Total	8.95		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	744		0	0	umhos/cm	Field	
Temperature	26.9		0	0	°C	Field	
Total Dissolved Solids	490		10	10	mg/L	SM 2540C-2011	
Turbidity	0.5		0	0	NTU	Field	

Client ID: MW-19A **Lab ID: AC06162-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Cadmium - Total	0.853	I	0.500	3.00	ug/L	EPA 6020B	
Chloride	75		0.29	5.0	mg/L	EPA 300.0	
Cobalt - Total	10.0		5.00	10.0	ug/L	EPA 6020B	
Depth to Water	57.47				Ft	Field	
Dissolved Oxygen	3.8		0	0	mg/L	Field	
Iron - Total	89.2		25.0	50.0	ug/L	EPA 6020B	
Nickel - Total	5.64	I	5.00	10.0	ug/L	EPA 6020B	
Nitrate as N	15		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	224.7		-999	-999	mV	Field	
pH	4.85				pH Units	Field	
Sodium - Total	16.5		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	479.69		0	0	umhos/cm	Field	
Temperature	25.3		0	0	°C	Field	
Total Dissolved Solids	370		10	10	mg/L	SM 2540C-2011	
Turbidity	5		0	0	NTU	Field	

Client ID: MW-20B **Lab ID: AC06162-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	11		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	54.25				Ft	Field	
Dissolved Oxygen	4.87		0	0	mg/L	Field	
Iron - Total	129		25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	2.8		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	61.5		-999	-999	mV	Field	
pH	7.47				pH Units	Field	
Sodium - Total	6.37		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	312.3		0	0	umhos/cm	Field	
Temperature	25.4		0	0	°C	Field	
Total Dissolved Solids	210		10	10	mg/L	SM 2540C-2011	
Turbidity	11.6		0	0	NTU	Field	

SAMPLE DETECTION SUMMARY

Client ID: MW-10B **Lab ID: AC06162-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	7.5		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	36.91				Ft	Field	
Dissolved Oxygen	0.09		0	0	mg/L	Field	
Mercury - Total	0.0971	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	1.3		0.052	1.0	mg/L	EPA 300.0	
pH	6.44				pH Units	Field	
Sodium - Total	6.73		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	379.4		0	0	umhos/cm	Field	
Temperature	26.2		0	0	°C	Field	
Total Dissolved Solids	220		10	10	mg/L	SM 2540C-2011	
Turbidity	0.9		0	0	NTU	Field	
Water Elevation	73.09				Ft	Field	

Client ID: MW-9B **Lab ID: AC06162-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	7.3		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	36.67				Ft	Field	
Dissolved Oxygen	1.27		0	0	mg/L	Field	
Iron - Total	155		25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	4.5		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	69.9		-999	-999	mV	Field	
pH	6.91				pH Units	Field	
Sodium - Total	6.32		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	499		0	0	umhos/cm	Field	
Temperature	27.5		0	0	°C	Field	
Total Dissolved Solids	320		10	10	mg/L	SM 2540C-2011	
Turbidity	0.9		0	0	NTU	Field	
Water Elevation	73.08				Ft	Field	

Client ID: MW-8B **Lab ID: AC06162-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.3		0.0098	0.020	mg/L	EPA 350.1	
Barium - Total	70.3	I	50.0	100	ug/L	EPA 6020B	
Chloride	18		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	35.59				Ft	Field	
Dissolved Oxygen	0.03		0	0	mg/L	Field	
Iron - Total	5470		25.0	50.0	ug/L	EPA 6020B	
pH	6.69				pH Units	Field	
Sodium - Total	13.9		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	653		0	0	umhos/cm	Field	
Temperature	27.2		0	0	°C	Field	
Total Dissolved Solids	390		10	10	mg/L	SM 2540C-2011	
Turbidity	0.5		0	0	NTU	Field	
Water Elevation	65.96				Ft	Field	

Client ID: MW-7BR **Lab ID: AC06162-07**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.2	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	30.41				Ft	Field	
Dissolved Oxygen	0.88		0	0	mg/L	Field	
Iron - Total	28.0	I	25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	0.84	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	22.9		-999	-999	mV	Field	
pH	7.38				pH Units	Field	
Sodium - Total	3.86		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	309.6		0	0	umhos/cm	Field	
Temperature	25.8		0	0	°C	Field	
Total Dissolved Solids	200		10	10	mg/L	SM 2540C-2011	
Turbidity	4.4		0	0	NTU	Field	
Vanadium - Total	6.99	I	5.00	10.0	ug/L	EPA 6020B	
Water Elevation	72.86				Ft	Field	

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SAMPLE DETECTION SUMMARY

Client ID: MW-7A **Lab ID:** AC06162-08

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.15		0.0098	0.020	mg/L	EPA 350.1	
Chloride	9.4		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	27.08				Ft	Field	
Dissolved Oxygen	0.22		0	0	mg/L	Field	
Iron - Total	7400		25.0	50.0	ug/L	EPA 6020B	
Mercury - Total	0.0275	I	0.0230	0.200	ug/L	EPA 7470A	
Oxidation/Reduction Potential	70		-999	-999	mV	Field	
pH	5.29				pH Units	Field	
Sodium - Total	10.8		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	344.7		0	0	umhos/cm	Field	
Temperature	27.7		0	0	°C	Field	
Total Dissolved Solids	230		10	10	mg/L	SM 2540C-2011	
Turbidity	5.7		0	0	NTU	Field	
Water Elevation	73.64				Ft	Field	

Client ID: MW-6B **Lab ID:** AC06162-09

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.4	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	25.59				Ft	Field	
Dissolved Oxygen	1.73		0	0	mg/L	Field	
Nitrate as N	1.1		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	30.7		-999	-999	mV	Field	
pH	7.28				pH Units	Field	
Sodium - Total	3.96		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	329.5		0	0	umhos/cm	Field	
Temperature	25		0	0	°C	Field	
Total Dissolved Solids	190		10	10	mg/L	SM 2540C-2011	
Turbidity	0.6		0	0	NTU	Field	
Vanadium - Total	5.43	I	5.00	10.0	ug/L	EPA 6020B	
Water Elevation	63.51				Ft	Field	

Client ID: MW-6 **Lab ID:** AC06162-10

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	27		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	22.33				Ft	Field	
Dissolved Oxygen	1.23		0	0	mg/L	Field	
Iron - Total	96.2		25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	20		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	112.8		-999	-999	mV	Field	
pH	5.39				pH Units	Field	
Sodium - Total	15.3		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	502		0	0	umhos/cm	Field	
Temperature	28.2		0	0	°C	Field	
Total Dissolved Solids	350		10	10	mg/L	SM 2540C-2011	
Turbidity	9.5		0	0	NTU	Field	
Water Elevation	66.32				Ft	Field	

Client ID: Supply Well **Lab ID:** AC06162-11

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.63		0.0098	0.020	mg/L	EPA 350.1	
Chloride	12		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.12		0	0	mg/L	Field	
Iron - Total	44.8	I	25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	2.0		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	3.7		-999	-999	mV	Field	
pH	7.01				pH Units	Field	
Sodium - Total	8.69		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	445.8		0	0	umhos/cm	Field	
Temperature	25.1		0	0	°C	Field	
Total Dissolved Solids	290		10	10	mg/L	SM 2540C-2011	
Turbidity	0.6		0	0	NTU	Field	

SAMPLE DETECTION SUMMARY

Client ID: EQUIPMENT BLANK **Lab ID: AC06162-12**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Total Dissolved Solids	10		10	10	mg/L	SM 2540C-2011	

Client ID: MW-24A **Lab ID: AC06162-13**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.1	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	21.95				Ft	Field	
Dissolved Oxygen	6.24		0	0	mg/L	Field	
Iron - Total	130		25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	2.4		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	210		-999	-999	mV	Field	
pH	5.64				pH Units	Field	
Sodium - Total	3.37		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	56		0	0	umhos/cm	Field	
Temperature	25.2		0	0	°C	Field	
Total Dissolved Solids	76		10	10	mg/L	SM 2540C-2011	
Turbidity	12.7		0	0	NTU	Field	

Client ID: MW-24B **Lab ID: AC06162-14**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Bromodichloromethane	0.76	I	0.52	1.0	ug/L	EPA 8260D	J
Chloride	14		0.29	5.0	mg/L	EPA 300.0	
Chloroform	5.4		0.80	1.0	ug/L	EPA 8260D	
Chromium - Total	6.70	I	5.00	10.0	ug/L	EPA 6020B	
Copper - Total	4.73	I	2.50	10.0	ug/L	EPA 6020B	
Depth to Water	22.38				Ft	Field	
Dissolved Oxygen	2.48		0	0	mg/L	Field	
Nitrate as N	3.1		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	153.5		-999	-999	mV	Field	
pH	7.63				pH Units	Field	
Sodium - Total	14.3		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	290.6		0	0	umhos/cm	Field	
Temperature	24.5		0	0	°C	Field	
Total Dissolved Solids	200		10	10	mg/L	SM 2540C-2011	
Turbidity	3.6		0	0	NTU	Field	

Client ID: DUPLICATE **Lab ID: AC06162-15**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Bromodichloromethane	0.78	I	0.52	1.0	ug/L	EPA 8260D	J
Chloride	13		0.29	5.0	mg/L	EPA 300.0	
Chloroform	5.5		0.80	1.0	ug/L	EPA 8260D	
Chromium - Total	6.55	I	5.00	10.0	ug/L	EPA 6020B	
Nitrate as N	3.1		0.052	1.0	mg/L	EPA 300.0	
Sodium - Total	14.3		0.320	1.00	mg/L	EPA 6020B	
Total Dissolved Solids	200		10	10	mg/L	SM 2540C-2011	

Client ID: MW-21A **Lab ID: AC06162-16**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.7	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	19.51				Ft	Field	
Dissolved Oxygen	2		0	0	mg/L	Field	
Iron - Total	656		25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	0.32	I	0.052	1.0	mg/L	EPA 300.0	J
pH	7.27				pH Units	Field	
Sodium - Total	5.54		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	92.9		0	0	umhos/cm	Field	
Temperature	24		0	0	°C	Field	
Total Dissolved Solids	28		10	10	mg/L	SM 2540C-2011	
Turbidity	0.8		0	0	NTU	Field	

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SAMPLE DETECTION SUMMARY

Client ID: MW-22A **Lab ID: AC06162-17**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.5	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	23.12				Ft	Field	
Dissolved Oxygen	2.89		0	0	mg/L	Field	
Nitrate as N	1.9		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	31.5		-999	-999	mV	Field	
pH	6.69				pH Units	Field	
Sodium - Total	4.05		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	198.9		0	0	umhos/cm	Field	
Temperature	25.3		0	0	°C	Field	
Total Dissolved Solids	100		10	10	mg/L	SM 2540C-2011	
Turbidity	2.4		0	0	NTU	Field	

Client ID: MW-22B **Lab ID: AC06162-18**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	5.1		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	24.11				Ft	Field	
Dissolved Oxygen	3.51		0	0	mg/L	Field	
Nitrate as N	1.3		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	30.1		-999	-999	mV	Field	
pH	7.7				pH Units	Field	
Sodium - Total	4.60		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	245.2		0	0	umhos/cm	Field	
Temperature	24.1		0	0	°C	Field	
Total Dissolved Solids	170		10	10	mg/L	SM 2540C-2011	
Turbidity	10.4		0	0	NTU	Field	

ANALYTICAL RESULTS

Description: MW-18B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-01
Sampled: 09/16/19 09:40
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20021	EPA 8260D	09/20/19 15:59	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U

ANALYTICAL RESULTS

Description: MW-18B | **Lab Sample ID:** AC06162-01 | **Received:** 09/17/19 13:35
Matrix: Ground Water | **Sampled:** 09/16/19 09:40 | **Work Order:** AC06162
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Karen K. Watson

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 15:59	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*41-142*	*9I20021*	*EPA 8260D*	*09/20/19 15:59*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*116 %*	*53-146*	*9I20021*	*EPA 8260D*	*09/20/19 15:59*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I20021*	*EPA 8260D*	*09/20/19 15:59*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 16:16	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 16:16	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*100 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 16:16*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 08:55	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Iron [7439-89-6]	**216**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Nickel [7440-02-0]	**8.31**	I	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Sodium [7440-23-5]	**8.95**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:00	JMA	

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ANALYTICAL RESULTS

Description: MW-18B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-01
Sampled: 09/16/19 09:40
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	**0.11**		mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:15	KGonz	QM-07
Chloride [16887-00-6]^	**17**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 22:18	RSA	
Nitrate as N [14797-55-8]^	**0.081**	I	mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 22:18	RSA	J
Total Dissolved Solids^	**490**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**79.97**		Ft	1			9I30037	Field	09/16/19 09:40	KKW	
Dissolved Oxygen	**0.16**		mg/L	1	0	0	9I30037	Field	09/16/19 09:40	KKW	
Oxidation/Reduction Potential	**16.6**		mV	1	-999	-999	9I30037	Field	09/16/19 09:40	KKW	
pH	**6.67**		pH Units	1			9I30037	Field	09/16/19 09:40	KKW	
Specific Conductance (EC)	**744**		umhos/cm	1	0	0	9I30037	Field	09/16/19 09:40	KKW	
Temperature	**26.9**		°C	1	0	0	9I30037	Field	09/16/19 09:40	KKW	
Turbidity	**0.5**		NTU	1	0	0	9I30037	Field	09/16/19 09:40	KKW	

ANALYTICAL RESULTS

Description: MW-19A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-02
Sampled: 09/16/19 10:30
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20021	EPA 8260D	09/20/19 16:28	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U

ANALYTICAL RESULTS

Description: MW-19A | **Lab Sample ID:** AC06162-02 | **Received:** 09/17/19 13:35
Matrix: Ground Water | **Sampled:** 09/16/19 10:30 | **Work Order:** AC06162
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Karen K. Watson

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 16:28	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*41-142*	*9I20021*	*EPA 8260D*	*09/20/19 16:28*	*MJH*	
Dibromofluoromethane	*59*	*1*	*50.0*	*117 %*	*53-146*	*9I20021*	*EPA 8260D*	*09/20/19 16:28*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9I20021*	*EPA 8260D*	*09/20/19 16:28*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 16:32	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 16:32	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*102 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 16:32*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 09:04	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Cadmium [7440-43-9]	**0.853**	I	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Cobalt [7440-48-4]	**10.0**		ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Iron [7439-89-6]	**89.2**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Nickel [7440-02-0]	**5.64**	I	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Sodium [7440-23-5]	**16.5**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 11:09	JMA	

ANALYTICAL RESULTS

Description: MW-19A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-02
Sampled: 09/16/19 10:30
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:21	KGonz	U
Chloride [16887-00-6]^	**75**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 19:30	RSA	
Nitrate as N [14797-55-8]^	**15**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 19:30	RSA	
Total Dissolved Solids^	**370**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**57.47**		Ft	1			9I30037	Field	09/16/19 10:30	KKW	
Dissolved Oxygen	**3.8**		mg/L	1	0	0	9I30037	Field	09/16/19 10:30	KKW	
Oxidation/Reduction Potential	**224.7**		mV	1	-999	-999	9I30037	Field	09/16/19 10:30	KKW	
pH	**4.85**		pH Units	1			9I30037	Field	09/16/19 10:30	KKW	
Specific Conductance (EC)	**479.69**		umhos/cm	1	0	0	9I30037	Field	09/16/19 10:30	KKW	
Temperature	**25.3**		°C	1	0	0	9I30037	Field	09/16/19 10:30	KKW	
Turbidity	**5**		NTU	1	0	0	9I30037	Field	09/16/19 10:30	KKW	

ANALYTICAL RESULTS

Description: MW-20B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-03
Sampled: 09/16/19 11:27
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20021	EPA 8260D	09/20/19 16:56	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U

ANALYTICAL RESULTS

Description: MW-20B | **Lab Sample ID:** AC06162-03 | **Received:** 09/17/19 13:35
Matrix: Ground Water | **Sampled:** 09/16/19 11:27 | **Work Order:** AC06162
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Karen K. Watson

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 16:56	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*95 %*	*41-142*	*9I20021*	*EPA 8260D*	*09/20/19 16:56*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*116 %*	*53-146*	*9I20021*	*EPA 8260D*	*09/20/19 16:56*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*41-146*	*9I20021*	*EPA 8260D*	*09/20/19 16:56*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 16:48	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 16:48	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*100 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 16:48*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 09:08	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Iron [7439-89-6]	**129**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Sodium [7440-23-5]	**6.37**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:08	JMA	

ANALYTICAL RESULTS

Description: MW-20B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-03
Sampled: 09/16/19 11:27
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:22	KGonz	U
Chloride [16887-00-6]^	**11**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 19:45	RSA	
Nitrate as N [14797-55-8]^	**2.8**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 19:45	RSA	
Total Dissolved Solids^	**210**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**54.25**		Ft	1			9I30037	Field	09/16/19 11:27	KKW	
Dissolved Oxygen	**4.87**		mg/L	1	0	0	9I30037	Field	09/16/19 11:27	KKW	
Oxidation/Reduction Potential	**61.5**		mV	1	-999	-999	9I30037	Field	09/16/19 11:27	KKW	
pH	**7.47**		pH Units	1			9I30037	Field	09/16/19 11:27	KKW	
Specific Conductance (EC)	**312.3**		umhos/cm	1	0	0	9I30037	Field	09/16/19 11:27	KKW	
Temperature	**25.4**		°C	1	0	0	9I30037	Field	09/16/19 11:27	KKW	
Turbidity	**11.6**		NTU	1	0	0	9I30037	Field	09/16/19 11:27	KKW	

ANALYTICAL RESULTS

Description: MW-10B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-04
Sampled: 09/16/19 12:06
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 01:00	MJH	QL-02, QM-19, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	QV-01, U

ANALYTICAL RESULTS

Description: MW-10B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-04
Sampled: 09/16/19 12:06
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 01:00	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 01:00*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*116 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 01:00*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 01:00*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 17:20	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 17:20	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*100 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 17:20*	*RGG*	

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]^	**0.0971**	I	ug/L	1	0.0230	0.200	9I18011	EPA 7470A	09/19/19 09:11	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Sodium [7440-23-5]	**6.73**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:12	JMA	

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ANALYTICAL RESULTS

Description: MW-10B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-04
Sampled: 09/16/19 12:06
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:25	KGonz	U
Chloride [16887-00-6]^	**7.5**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 17:59	RSA	
Nitrate as N [14797-55-8]^	**1.3**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 17:59	RSA	
Total Dissolved Solids^	**220**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**36.91**		Ft	1			9I30037	Field	09/16/19 12:06	KKW	
Dissolved Oxygen	**0.09**		mg/L	1	0	0	9I30037	Field	09/16/19 12:06	KKW	
Oxidation/Reduction Potential	**-14.4**		mV	1	-999	-999	9I30037	Field	09/16/19 12:06	KKW	
pH	**6.44**		pH Units	1			9I30037	Field	09/16/19 12:06	KKW	
Specific Conductance (EC)	**379.4**		umhos/cm	1	0	0	9I30037	Field	09/16/19 12:06	KKW	
Temperature	**26.2**		°C	1	0	0	9I30037	Field	09/16/19 12:06	KKW	
Turbidity	**0.9**		NTU	1	0	0	9I30037	Field	09/16/19 12:06	KKW	
Water Elevation	**73.09**		Ft	1			9I30037	Field	09/16/19 12:06	KKW	

ANALYTICAL RESULTS

Description: MW-9B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-05
Sampled: 09/16/19 12:45
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 01:29	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	QV-01, U

ANALYTICAL RESULTS

Description: MW-9B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-05
Sampled: 09/16/19 12:45
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 01:29	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 01:29*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*116 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 01:29*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 01:29*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 17:36	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 17:36	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*103 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 17:36*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 09:14	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Iron [7439-89-6]	**155**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Sodium [7440-23-5]	**6.32**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:16	JMA	

ANALYTICAL RESULTS

Description: MW-9B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-05
Sampled: 09/16/19 12:45
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:26	KGonz	U
Chloride [16887-00-6]^	**7.3**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 22:03	RSA	
Nitrate as N [14797-55-8]^	**4.5**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 22:03	RSA	
Total Dissolved Solids^	**320**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**36.67**		Ft	1			9I30037	Field	09/16/19 12:45	KKW	
Dissolved Oxygen	**1.27**		mg/L	1	0	0	9I30037	Field	09/16/19 12:45	KKW	
Oxidation/Reduction Potential	**69.9**		mV	1	-999	-999	9I30037	Field	09/16/19 12:45	KKW	
pH	**6.91**		pH Units	1			9I30037	Field	09/16/19 12:45	KKW	
Specific Conductance (EC)	**499**		umhos/cm	1	0	0	9I30037	Field	09/16/19 12:45	KKW	
Temperature	**27.5**		°C	1	0	0	9I30037	Field	09/16/19 12:45	KKW	
Turbidity	**0.9**		NTU	1	0	0	9I30037	Field	09/16/19 12:45	KKW	
Water Elevation	**73.08**		Ft	1			9I30037	Field	09/16/19 12:45	KKW	

ANALYTICAL RESULTS

Description: MW-8B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-06
Sampled: 09/16/19 13:15
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 01:57	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	QV-01, U

ANALYTICAL RESULTS

Description: MW-8B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-06
Sampled: 09/16/19 13:15
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 01:57	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*97 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 01:57*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*115 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 01:57*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 01:57*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 17:52	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 17:52	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.24*	*1*	*0.250*	*97 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 17:52*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 09:17	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Barium [7440-39-3]	**70.3**	I	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Iron [7439-89-6]	**5470**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Sodium [7440-23-5]	**13.9**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:20	JMA	

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ANALYTICAL RESULTS

Description: MW-8B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-06
Sampled: 09/16/19 13:15
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	**1.3**		mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:28	KGonz	
Chloride [16887-00-6]^	**18**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 17:28	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 17:28	RSA	U
Total Dissolved Solids^	**390**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**35.59**		Ft	1			9I30037	Field	09/16/19 13:15	KKW	
Dissolved Oxygen	**0.03**		mg/L	1	0	0	9I30037	Field	09/16/19 13:15	KKW	
Oxidation/Reduction Potential	**-209.6**		mV	1	-999	-999	9I30037	Field	09/16/19 13:15	KKW	
pH	**6.69**		pH Units	1			9I30037	Field	09/16/19 13:15	KKW	
Specific Conductance (EC)	**653**		umhos/cm	1	0	0	9I30037	Field	09/16/19 13:15	KKW	
Temperature	**27.2**		°C	1	0	0	9I30037	Field	09/16/19 13:15	KKW	
Turbidity	**0.5**		NTU	1	0	0	9I30037	Field	09/16/19 13:15	KKW	
Water Elevation	**65.96**		Ft	1			9I30037	Field	09/16/19 13:15	KKW	

ANALYTICAL RESULTS

Description: MW-7BR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-07
Sampled: 09/16/19 14:05
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 02:26	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	QV-01, U

ANALYTICAL RESULTS

Description: MW-7BR | **Lab Sample ID:** AC06162-07 | **Received:** 09/17/19 13:35
Matrix: Ground Water | **Sampled:** 09/16/19 14:05 | **Work Order:** AC06162
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Karen K. Watson

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 02:26	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 02:26*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*116 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 02:26*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 02:26*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 18:08	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 18:08	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*102 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 18:08*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 09:48	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Iron [7439-89-6]	**28.0**	I	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Sodium [7440-23-5]	**3.86**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Vanadium [7440-62-2]	**6.99**	I	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:27	JMA	

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ANALYTICAL RESULTS

Description: MW-7BR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-07
Sampled: 09/16/19 14:05
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:29	KGonz	U
Chloride [16887-00-6]^	**4.2**	I	mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 20:31	RSA	
Nitrate as N [14797-55-8]^	**0.84**	I	mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 20:31	RSA	J
Total Dissolved Solids^	**200**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**30.41**		Ft	1			9I30037	Field	09/16/19 14:05	KKW	
Dissolved Oxygen	**0.88**		mg/L	1	0	0	9I30037	Field	09/16/19 14:05	KKW	
Oxidation/Reduction Potential	**22.9**		mV	1	-999	-999	9I30037	Field	09/16/19 14:05	KKW	
pH	**7.38**		pH Units	1			9I30037	Field	09/16/19 14:05	KKW	
Specific Conductance (EC)	**309.6**		umhos/cm	1	0	0	9I30037	Field	09/16/19 14:05	KKW	
Temperature	**25.8**		°C	1	0	0	9I30037	Field	09/16/19 14:05	KKW	
Turbidity	**4.4**		NTU	1	0	0	9I30037	Field	09/16/19 14:05	KKW	
Water Elevation	**72.86**		Ft	1			9I30037	Field	09/16/19 14:05	KKW	

ANALYTICAL RESULTS

Description: MW-7A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-08
Sampled: 09/16/19 14:55
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 02:55	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	QV-01, U

ANALYTICAL RESULTS

Description: MW-7A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-08
Sampled: 09/16/19 14:55
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 02:55	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*101 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 02:55*	*MJH*	
Dibromofluoromethane	*62*	*1*	*50.0*	*124 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 02:55*	*MJH*	
Toluene-d8	*54*	*1*	*50.0*	*108 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 02:55*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 18:24	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 18:24	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*100 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 18:24*	*RGG*	

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]^	**0.0275**	I	ug/L	1	0.0230	0.200	9I18011	EPA 7470A	09/19/19 09:51	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Iron [7439-89-6]	**7400**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Sodium [7440-23-5]	**10.8**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:31	JMA	

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ANALYTICAL RESULTS

Description: MW-7A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-08
Sampled: 09/16/19 14:55
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	**0.15**		mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:30	KGonz	
Chloride [16887-00-6]^	**9.4**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 20:01	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 20:01	RSA	U
Total Dissolved Solids^	**230**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**27.08**		Ft	1			9I30037	Field	09/16/19 14:55	KKW	
Dissolved Oxygen	**0.22**		mg/L	1	0	0	9I30037	Field	09/16/19 14:55	KKW	
Oxidation/Reduction Potential	**70**		mV	1	-999	-999	9I30037	Field	09/16/19 14:55	KKW	
pH	**5.29**		pH Units	1			9I30037	Field	09/16/19 14:55	KKW	
Specific Conductance (EC)	**344.7**		umhos/cm	1	0	0	9I30037	Field	09/16/19 14:55	KKW	
Temperature	**27.7**		°C	1	0	0	9I30037	Field	09/16/19 14:55	KKW	
Turbidity	**5.7**		NTU	1	0	0	9I30037	Field	09/16/19 14:55	KKW	
Water Elevation	**73.64**		Ft	1			9I30037	Field	09/16/19 14:55	KKW	

ANALYTICAL RESULTS

Description: MW-6B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-09
Sampled: 09/16/19 15:42
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 03:24	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	QV-01, U

ANALYTICAL RESULTS

Description: MW-6B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-09
Sampled: 09/16/19 15:42
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 03:24	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 03:24*	*MJH*	
Dibromofluoromethane	*59*	*1*	*50.0*	*118 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 03:24*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 03:24*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 18:41	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 18:41	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*102 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 18:41*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 09:54	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Sodium [7440-23-5]	**3.96**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Vanadium [7440-62-2]	**5.43**	I	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:35	JMA	

ANALYTICAL RESULTS

Description: MW-6B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-09
Sampled: 09/16/19 15:42
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:31	KGonz	U
Chloride [16887-00-6]^	**4.4**	I	mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 17:44	RSA	
Nitrate as N [14797-55-8]^	**1.1**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 17:44	RSA	
Total Dissolved Solids^	**190**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**25.59**		Ft	1			9I30037	Field	09/16/19 15:42	KKW	
Dissolved Oxygen	**1.73**		mg/L	1	0	0	9I30037	Field	09/16/19 15:42	KKW	
Oxidation/Reduction Potential	**30.7**		mV	1	-999	-999	9I30037	Field	09/16/19 15:42	KKW	
pH	**7.28**		pH Units	1			9I30037	Field	09/16/19 15:42	KKW	
Specific Conductance (EC)	**329.5**		umhos/cm	1	0	0	9I30037	Field	09/16/19 15:42	KKW	
Temperature	**25**		°C	1	0	0	9I30037	Field	09/16/19 15:42	KKW	
Turbidity	**0.6**		NTU	1	0	0	9I30037	Field	09/16/19 15:42	KKW	
Water Elevation	**63.51**		Ft	1			9I30037	Field	09/16/19 15:42	KKW	

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AC06162-10 **Received:** 09/17/19 13:35

Matrix: Ground Water **Sampled:** 09/16/19 15:59 **Work Order:** AC06162

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Karen K. Watson

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 03:52	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	QV-01, U

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AC06162-10 **Received:** 09/17/19 13:35

Matrix: Ground Water **Sampled:** 09/16/19 15:59 **Work Order:** AC06162

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Karen K. Watson

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 03:52	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 03:52*	*MJH*	
Dibromofluoromethane	*57*	*1*	*50.0*	*115 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 03:52*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 03:52*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 18:57	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 18:57	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*101 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 18:57*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:03	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Iron [7439-89-6]	**96.2**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Sodium [7440-23-5]	**15.3**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 13:39	JMA	

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ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AC06162-10 **Received:** 09/17/19 13:35

Matrix: Ground Water **Sampled:** 09/16/19 15:59 **Work Order:** AC06162

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Karen K. Watson

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:32	KGonz	U
Chloride [16887-00-6]^	**27**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 20:47	RSA	
Nitrate as N [14797-55-8]^	**20**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 20:47	RSA	
Total Dissolved Solids^	**350**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**22.33**		Ft	1			9I30037	Field	09/16/19 15:59	KKW	
Dissolved Oxygen	**1.23**		mg/L	1	0	0	9I30037	Field	09/16/19 15:59	KKW	
Oxidation/Reduction Potential	**112.8**		mV	1	-999	-999	9I30037	Field	09/16/19 15:59	KKW	
pH	**5.39**		pH Units	1			9I30037	Field	09/16/19 15:59	KKW	
Specific Conductance (EC)	**502**		umhos/cm	1	0	0	9I30037	Field	09/16/19 15:59	KKW	
Temperature	**28.2**		°C	1	0	0	9I30037	Field	09/16/19 15:59	KKW	
Turbidity	**9.5**		NTU	1	0	0	9I30037	Field	09/16/19 15:59	KKW	
Water Elevation	**66.32**		Ft	1			9I30037	Field	09/16/19 15:59	KKW	

ANALYTICAL RESULTS

Description: Supply Well
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-11
Sampled: 09/16/19 16:30
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 04:21	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	QV-01, U

ANALYTICAL RESULTS

Description: Supply Well
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-11
Sampled: 09/16/19 16:30
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 04:21	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 04:21*	*MJH*	
Dibromofluoromethane	*60*	*1*	*50.0*	*119 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 04:21*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 04:21*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 19:13	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 19:13	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*100 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 19:13*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:06	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Iron [7439-89-6]	**44.8**	I	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Sodium [7440-23-5]	**8.69**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:07	JMA	

ANALYTICAL RESULTS

Description: Supply Well
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-11
Sampled: 09/16/19 16:30
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	**0.63**		mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:33	KGonz	
Chloride [16887-00-6]^	**12**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 20:16	RSA	
Nitrate as N [14797-55-8]^	**2.0**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 20:16	RSA	
Total Dissolved Solids^	**290**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen	**0.12**		mg/L	1	0	0	9I30037	Field	09/16/19 16:30	KKW	
Oxidation/Reduction Potential	**3.7**		mV	1	-999	-999	9I30037	Field	09/16/19 16:30	KKW	
pH	**7.01**		pH Units	1			9I30037	Field	09/16/19 16:30	KKW	
Specific Conductance (EC)	**445.8**		umhos/cm	1	0	0	9I30037	Field	09/16/19 16:30	KKW	
Temperature	**25.1**		°C	1	0	0	9I30037	Field	09/16/19 16:30	KKW	
Turbidity	**0.6**		NTU	1	0	0	9I30037	Field	09/16/19 16:30	KKW	

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-12
Sampled: 09/16/19 13:23
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 04:50	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	QV-01, U

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-12
Sampled: 09/16/19 13:23
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 04:50	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 04:50*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*116 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 04:50*	*MJH*	
Toluene-d8	*50*	*1*	*50.0*	*101 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 04:50*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 19:29	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 19:29	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*102 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 19:29*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:30	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Sodium [7440-23-5]	0.320	U	mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 11:37	JMA	

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ANALYTICAL RESULTS

Description: EQUIPMENT BLANK
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-12
Sampled: 09/16/19 13:23
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:35	KGonz	U
Chloride [16887-00-6]^	0.29	U	mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 21:48	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 21:48	RSA	U
Total Dissolved Solids^	**10**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

ANALYTICAL RESULTS

Description: MW-24A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-13
Sampled: 09/17/19 09:53
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	QV-01, U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	QV-01, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I18049	EPA 8260D	09/19/19 05:18	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	QV-01, U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	QL-02, QV-01, U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	QV-01, U

ANALYTICAL RESULTS

Description: MW-24A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-13
Sampled: 09/17/19 09:53
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I18049	EPA 8260D	09/19/19 05:18	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*93 %*	*41-142*	*9I18049*	*EPA 8260D*	*09/19/19 05:18*	*MJH*	
Dibromofluoromethane	*57*	*1*	*50.0*	*115 %*	*53-146*	*9I18049*	*EPA 8260D*	*09/19/19 05:18*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I18049*	*EPA 8260D*	*09/19/19 05:18*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 19:45	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 19:45	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*102 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 19:45*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:09	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Iron [7439-89-6]	**130**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Sodium [7440-23-5]	**3.37**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:11	JMA	

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ANALYTICAL RESULTS

Description: MW-24A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-13
Sampled: 09/17/19 09:53
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:36	KGonz	U
Chloride [16887-00-6]^	**4.1**	I	mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 22:34	RSA	
Nitrate as N [14797-55-8]^	**2.4**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 22:34	RSA	
Total Dissolved Solids^	**76**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**21.95**		Ft	1			9I30037	Field	09/17/19 09:53	KKW	
Dissolved Oxygen	**6.24**		mg/L	1	0	0	9I30037	Field	09/17/19 09:53	KKW	
Oxidation/Reduction Potential	**210**		mV	1	-999	-999	9I30037	Field	09/17/19 09:53	KKW	
pH	**5.64**		pH Units	1			9I30037	Field	09/17/19 09:53	KKW	
Specific Conductance (EC)	**56**		umhos/cm	1	0	0	9I30037	Field	09/17/19 09:53	KKW	
Temperature	**25.2**		°C	1	0	0	9I30037	Field	09/17/19 09:53	KKW	
Turbidity	**12.7**		NTU	1	0	0	9I30037	Field	09/17/19 09:53	KKW	

ANALYTICAL RESULTS

Description: MW-24B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-14
Sampled: 09/17/19 10:26
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20021	EPA 8260D	09/20/19 17:25	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	**0.76**	I	ug/L	1	0.52	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	J
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Chloroform [67-66-3]^	**5.4**		ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U

ANALYTICAL RESULTS

Description: MW-24B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-14
Sampled: 09/17/19 10:26
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 17:25	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*41-142*	*9I20021*	*EPA 8260D*	*09/20/19 17:25*	*MJH*	
Dibromofluoromethane	*59*	*1*	*50.0*	*118 %*	*53-146*	*9I20021*	*EPA 8260D*	*09/20/19 17:25*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*41-146*	*9I20021*	*EPA 8260D*	*09/20/19 17:25*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 20:17	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 20:17	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*102 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 20:17*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:12	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Chromium [7440-47-3]	**6.70**	I	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Copper [7440-50-8]	**4.73**	I	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Sodium [7440-23-5]	**14.3**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:15	JMA	

ANALYTICAL RESULTS

Description: MW-24B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-14
Sampled: 09/17/19 10:26
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:39	KGonz	U
Chloride [16887-00-6]^	**14**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 21:02	RSA	
Nitrate as N [14797-55-8]^	**3.1**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 21:02	RSA	
Total Dissolved Solids^	**200**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**22.38**		Ft	1			9I30037	Field	09/17/19 10:26	KKW	
Dissolved Oxygen	**2.48**		mg/L	1	0	0	9I30037	Field	09/17/19 10:26	KKW	
Oxidation/Reduction Potential	**153.5**		mV	1	-999	-999	9I30037	Field	09/17/19 10:26	KKW	
pH	**7.63**		pH Units	1			9I30037	Field	09/17/19 10:26	KKW	
Specific Conductance (EC)	**290.6**		umhos/cm	1	0	0	9I30037	Field	09/17/19 10:26	KKW	
Temperature	**24.5**		°C	1	0	0	9I30037	Field	09/17/19 10:26	KKW	
Turbidity	**3.6**		NTU	1	0	0	9I30037	Field	09/17/19 10:26	KKW	

ANALYTICAL RESULTS

Description: DUPLICATE
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-15
Sampled: 09/17/19 10:26
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20021	EPA 8260D	09/20/19 17:54	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	QV-01, U
Bromodichloromethane [75-27-4]^	**0.78**	I	ug/L	1	0.52	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	J
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Chloroform [67-66-3]^	**5.5**		ug/L	1	0.80	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U

ANALYTICAL RESULTS

Description: DUPLICATE
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-15
Sampled: 09/17/19 10:26
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20021	EPA 8260D	09/20/19 17:54	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*41-142*	*9I20021*	*EPA 8260D*	*09/20/19 17:54*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*115 %*	*53-146*	*9I20021*	*EPA 8260D*	*09/20/19 17:54*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9I20021*	*EPA 8260D*	*09/20/19 17:54*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 20:33	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 20:33	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*99 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 20:33*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:15	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Chromium [7440-47-3]	**6.55**	I	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Sodium [7440-23-5]	**14.3**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:19	JMA	

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ANALYTICAL RESULTS

Description: DUPLICATE
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-15
Sampled: 09/17/19 10:26
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:41	KGonz	U
Chloride [16887-00-6]^	**13**		mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 22:49	RSA	
Nitrate as N [14797-55-8]^	**3.1**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 22:49	RSA	
Total Dissolved Solids^	**200**		mg/L	1	10	10	9I18009	SM 2540C-2011	09/20/19 12:15	SSE	

ANALYTICAL RESULTS

Description: MW-21A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-16
Sampled: 09/17/19 10:57
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 00:36	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U

ANALYTICAL RESULTS

Description: MW-21A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-16
Sampled: 09/17/19 10:57
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 00:36	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*50*	*1*	*50.0*	*100 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 00:36*	*MJH*	
Dibromofluoromethane	*61*	*1*	*50.0*	*122 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 00:36*	*MJH*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 00:36*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 20:49	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 20:49	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*99 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 20:49*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:18	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Iron [7439-89-6]	**656**		ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Sodium [7440-23-5]	**5.54**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:27	JMA	

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ANALYTICAL RESULTS

Description: MW-21A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-16
Sampled: 09/17/19 10:57
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:42	KGonz	U
Chloride [16887-00-6]^	**4.7**	I	mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 18:45	RSA	
Nitrate as N [14797-55-8]^	**0.32**	I	mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 18:45	RSA	J
Total Dissolved Solids^	**28**		mg/L	1	10	10	9I19019	SM 2540C-2011	09/23/19 16:26	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**19.51**		Ft	1			9I30037	Field	09/17/19 10:57	KKW	
Dissolved Oxygen	**2**		mg/L	1	0	0	9I30037	Field	09/17/19 10:57	KKW	
Oxidation/Reduction Potential	**-157.3**		mV	1	-999	-999	9I30037	Field	09/17/19 10:57	KKW	
pH	**7.27**		pH Units	1			9I30037	Field	09/17/19 10:57	KKW	
Specific Conductance (EC)	**92.9**		umhos/cm	1	0	0	9I30037	Field	09/17/19 10:57	KKW	
Temperature	**24**		°C	1	0	0	9I30037	Field	09/17/19 10:57	KKW	
Turbidity	**0.8**		NTU	1	0	0	9I30037	Field	09/17/19 10:57	KKW	

ANALYTICAL RESULTS

Description: MW-22A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-17
Sampled: 09/17/19 11:24
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 01:34	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U

ANALYTICAL RESULTS

Description: MW-22A | **Lab Sample ID:** AC06162-17 | **Received:** 09/17/19 13:35
Matrix: Ground Water | **Sampled:** 09/17/19 11:24 | **Work Order:** AC06162
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Karen K. Watson

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 01:34	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 01:34*	*MJH*	
Dibromofluoromethane	*59*	*1*	*50.0*	*119 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 01:34*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 01:34*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 21:06	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 21:06	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*102 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 21:06*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:21	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Sodium [7440-23-5]	**4.05**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:31	JMA	

ANALYTICAL RESULTS

Description: MW-22A
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-17
Sampled: 09/17/19 11:24
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:43	KGonz	U
Chloride [16887-00-6]^	**3.5**	I	mg/L	1	0.29	5.0	9I17001	EPA 300.0	09/17/19 23:04	RSA	
Nitrate as N [14797-55-8]^	**1.9**		mg/L	1	0.052	1.0	9I17001	EPA 300.0	09/17/19 23:04	RSA	
Total Dissolved Solids^	**100**		mg/L	1	10	10	9I19019	SM 2540C-2011	09/23/19 16:26	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**23.12**		Ft	1			9I30037	Field	09/17/19 11:24	KKW	
Dissolved Oxygen	**2.89**		mg/L	1	0	0	9I30037	Field	09/17/19 11:24	KKW	
Oxidation/Reduction Potential	**31.5**		mV	1	-999	-999	9I30037	Field	09/17/19 11:24	KKW	
pH	**6.69**		pH Units	1			9I30037	Field	09/17/19 11:24	KKW	
Specific Conductance (EC)	**198.9**		umhos/cm	1	0	0	9I30037	Field	09/17/19 11:24	KKW	
Temperature	**25.3**		°C	1	0	0	9I30037	Field	09/17/19 11:24	KKW	
Turbidity	**2.4**		NTU	1	0	0	9I30037	Field	09/17/19 11:24	KKW	

ANALYTICAL RESULTS

Description: MW-22B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-18
Sampled: 09/17/19 12:12
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 02:02	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U

ANALYTICAL RESULTS

Description: MW-22B | **Lab Sample ID:** AC06162-18 | **Received:** 09/17/19 13:35
Matrix: Ground Water | **Sampled:** 09/17/19 12:12 | **Work Order:** AC06162
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Karen K. Watson

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 02:02	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*95 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 02:02*	*MJH*	
Dibromofluoromethane	*59*	*1*	*50.0*	*119 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 02:02*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 02:02*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20032	EPA 8011	09/20/19 21:22	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20032	EPA 8011	09/20/19 21:22	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.24*	*1*	*0.250*	*98 %*	*70-130*	*9I20032*	*EPA 8011*	*09/20/19 21:22*	*RGG*	

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	9I18011	EPA 7470A	09/19/19 10:24	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Sodium [7440-23-5]	**4.60**		mg/L	1	0.320	1.00	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I18005	EPA 6020B	09/19/19 14:35	JMA	

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ANALYTICAL RESULTS

Description: MW-22B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06162-18
Sampled: 09/17/19 12:12
Sampled By: Karen K. Watson

Received: 09/17/19 13:35
Work Order: AC06162

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I18028	EPA 350.1	09/18/19 12:44	KGonz	U
Chloride [16887-00-6]^	**5.1**		mg/L	1	0.29	5.0	9I18001	EPA 300.0	09/18/19 16:33	RSA	
Nitrate as N [14797-55-8]^	**1.3**		mg/L	1	0.052	1.0	9I18001	EPA 300.0	09/18/19 16:33	RSA	
Total Dissolved Solids^	**170**		mg/L	1	10	10	9I19019	SM 2540C-2011	09/23/19 16:26	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**24.11**		Ft	1			9I30037	Field	09/17/19 12:12	KKW	
Dissolved Oxygen	**3.51**		mg/L	1	0	0	9I30037	Field	09/17/19 12:12	KKW	
Oxidation/Reduction Potential	**30.1**		mV	1	-999	-999	9I30037	Field	09/17/19 12:12	KKW	
pH	**7.7**		pH Units	1			9I30037	Field	09/17/19 12:12	KKW	
Specific Conductance (EC)	**245.2**		umhos/cm	1	0	0	9I30037	Field	09/17/19 12:12	KKW	
Temperature	**24.1**		°C	1	0	0	9I30037	Field	09/17/19 12:12	KKW	
Turbidity	**10.4**		NTU	1	0	0	9I30037	Field	09/17/19 12:12	KKW	

ANALYTICAL RESULTS

Description: TRIP BLANK 1 **Lab Sample ID:** AC06162-19 **Received:** 09/17/19 13:35

Matrix: Water **Sampled:** 09/17/19 00:00 **Work Order:** AC06162

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** ENCO ORL

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 02:31	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U

ANALYTICAL RESULTS

Description: TRIP BLANK 1 **Lab Sample ID:** AC06162-19 **Received:** 09/17/19 13:35

Matrix: Water **Sampled:** 09/17/19 00:00 **Work Order:** AC06162

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** ENCO ORL

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 02:31	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 02:31*	*MJH*	
Dibromofluoromethane	*60*	*1*	*50.0*	*120 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 02:31*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 02:31*	*MJH*	

ANALYTICAL RESULTS

Description: TRIP BLANK 2 **Lab Sample ID:** AC06162-20 **Received:** 09/17/19 13:35

Matrix: Water **Sampled:** 09/17/19 00:00 **Work Order:** AC06162

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** ENCO ORL

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 03:00	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U

ANALYTICAL RESULTS

Description: TRIP BLANK 2 **Lab Sample ID:** AC06162-20 **Received:** 09/17/19 13:35

Matrix: Water **Sampled:** 09/17/19 00:00 **Work Order:** AC06162

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** ENCO ORL

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 03:00	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*97 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 03:00*	*MJH*	
Dibromofluoromethane	*59*	*1*	*50.0*	*118 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 03:00*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 03:00*	*MJH*	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9I18049 - EPA 5030B_MS

Blank (9I18049-BLK1) Prepared: 09/18/2019 15:14 Analyzed: 09/19/2019 00:02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							U
1,1-Dichloroethane	0.62	U	1.0	ug/L							U
1,1-Dichloroethene	0.94	U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64	U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							U
1,2-Dichloroethane	0.63	U	1.0	ug/L							U
1,2-Dichloropropane	0.80	U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							U
2-Butanone	4.5	U	5.0	ug/L							U
2-Hexanone	1.4	U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							U
Acetone	10	U	20	ug/L							U
Acrylonitrile	3.2	U	10	ug/L							U
Benzene	0.71	U	1.0	ug/L							U
Bromochloromethane	0.94	U	1.0	ug/L							U
Bromodichloromethane	0.52	U	1.0	ug/L							U
Bromoform	0.75	U	1.0	ug/L							U
Bromomethane	0.95	U	1.0	ug/L							U
Carbon disulfide	2.6	U	5.0	ug/L							U
Carbon tetrachloride	0.94	U	1.0	ug/L							U
Chlorobenzene	0.72	U	1.0	ug/L							U
Chloroethane	0.98	U	1.0	ug/L							U
Chloroform	0.80	U	1.0	ug/L							U
Chloromethane	0.82	U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							U
Dibromochloromethane	0.44	U	1.0	ug/L							U
Dibromomethane	0.84	U	1.0	ug/L							U
Ethylbenzene	0.69	U	1.0	ug/L							U
Iodomethane	0.72	U	5.0	ug/L							U
m,p-Xylenes	1.3	U	2.0	ug/L							U
Methylene chloride	2.0	U	5.0	ug/L							U
o-Xylene	0.53	U	1.0	ug/L							U
Styrene	0.61	U	1.0	ug/L							U
Tetrachloroethene	0.76	U	1.0	ug/L							U
Toluene	0.72	U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							U
Trichloroethene	0.89	U	1.0	ug/L							U
Trichlorofluoromethane	0.94	U	1.0	ug/L							U
Vinyl acetate	0.60	U	5.0	ug/L							U
Vinyl chloride	0.71	U	1.0	ug/L							U
Xylenes (Total)	1.3	U	2.0	ug/L							U
4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*96*	*41-142*			
Dibromofluoromethane	*58*			*ug/L*	*50.0*		*116*	*53-146*			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9I18049 - EPA 5030B_MS - Continued

Blank (9I18049-BLK1) Continued Prepared: 09/18/2019 15:14 Analyzed: 09/19/2019 00:02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*41-146*			

LCS (9I18049-BS1) Prepared: 09/18/2019 15:14 Analyzed: 09/18/2019 22:07

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	25		1.0	ug/L	20.0		124	47-139			
Benzene	20		1.0	ug/L	20.0		100	56-136			
Chlorobenzene	21		1.0	ug/L	20.0		104	51-139			
Toluene	20		1.0	ug/L	20.0		101	64-131			
Trichloroethene	23		1.0	ug/L	20.0		113	62-135			
4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*100*	*41-142*			
Dibromofluoromethane	*57*			*ug/L*	*50.0*		*115*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*41-146*			

Matrix Spike (9I18049-MS1) Prepared: 09/18/2019 15:14 Analyzed: 09/18/2019 22:36

Source: AC06162-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0	0.94 U	133	47-139			
Benzene	22		1.0	ug/L	20.0	0.71 U	108	56-136			
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	110	51-139			
Toluene	22		1.0	ug/L	20.0	0.72 U	108	64-131			
Trichloroethene	24		1.0	ug/L	20.0	0.89 U	120	62-135			
4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*98*	*41-142*			
Dibromofluoromethane	*57*			*ug/L*	*50.0*		*115*	*53-146*			
Toluene-d8	*53*			*ug/L*	*50.0*		*105*	*41-146*			

Matrix Spike Dup (9I18049-MSD1) Prepared: 09/18/2019 15:14 Analyzed: 09/18/2019 23:05

Source: AC06162-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.94 U	130	47-139	2	16	
Benzene	21		1.0	ug/L	20.0	0.71 U	105	56-136	3	14	
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	109	51-139	1	13	
Toluene	21		1.0	ug/L	20.0	0.72 U	107	64-131	0.7	16	
Trichloroethene	23		1.0	ug/L	20.0	0.89 U	115	62-135	4	20	
4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*99*	*41-142*			
Dibromofluoromethane	*57*			*ug/L*	*50.0*		*113*	*53-146*			
Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*41-146*			

Batch 9I20021 - EPA 5030B_MS

Blank (9I20021-BLK1) Prepared: 09/20/2019 00:00 Analyzed: 09/20/2019 11:09

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							U

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9I20021 - EPA 5030B_MS - Continued

Blank (9I20021-BLK1) Continued Prepared: 09/20/2019 00:00 Analyzed: 09/20/2019 11:09

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethane	0.62	U	1.0	ug/L							U
1,1-Dichloroethene	0.94	U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64	U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							U
1,2-Dichloroethane	0.63	U	1.0	ug/L							U
1,2-Dichloropropane	0.80	U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							U
2-Butanone	4.5	U	5.0	ug/L							U
2-Hexanone	1.4	U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							U
Acetone	10	U	20	ug/L							U
Acrylonitrile	3.2	U	10	ug/L							U
Benzene	0.71	U	1.0	ug/L							U
Bromochloromethane	0.94	U	1.0	ug/L							U
Bromodichloromethane	0.52	U	1.0	ug/L							U
Bromoform	0.75	U	1.0	ug/L							U
Bromomethane	0.95	U	1.0	ug/L							U
Carbon disulfide	2.6	U	5.0	ug/L							U
Carbon tetrachloride	0.94	U	1.0	ug/L							U
Chlorobenzene	0.72	U	1.0	ug/L							U
Chloroethane	0.98	U	1.0	ug/L							U
Chloroform	0.80	U	1.0	ug/L							U
Chloromethane	0.82	U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							U
Dibromochloromethane	0.44	U	1.0	ug/L							U
Dibromomethane	0.84	U	1.0	ug/L							U
Ethylbenzene	0.69	U	1.0	ug/L							U
Iodomethane	0.72	U	5.0	ug/L							U
m,p-Xylenes	1.3	U	2.0	ug/L							U
Methylene chloride	2.0	U	5.0	ug/L							U
o-Xylene	0.53	U	1.0	ug/L							U
Styrene	0.61	U	1.0	ug/L							U
Tetrachloroethene	0.76	U	1.0	ug/L							U
Toluene	0.72	U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							U
Trichloroethene	0.89	U	1.0	ug/L							U
Trichlorofluoromethane	0.94	U	1.0	ug/L							U
Vinyl acetate	0.60	U	5.0	ug/L							U
Vinyl chloride	0.71	U	1.0	ug/L							U
Xylenes (Total)	1.3	U	2.0	ug/L							U
4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*41-142*			
Dibromofluoromethane	*59*			*ug/L*	*50.0*		*118*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*41-146*			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9I20021 - EPA 5030B_MS - Continued

LCS (9I20021-BS1) Prepared: 09/20/2019 00:00 Analyzed: 09/20/2019 12:06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	25		1.0	ug/L	20.0		124	47-139			
Benzene	20		1.0	ug/L	20.0		102	56-136			
Chlorobenzene	22		1.0	ug/L	20.0		110	51-139			
Toluene	21		1.0	ug/L	20.0		106	64-131			
Trichloroethene	23		1.0	ug/L	20.0		114	62-135			
4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*102*	*41-142*			
Dibromofluoromethane	*60*			*ug/L*	*50.0*		*120*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Matrix Spike (9I20021-MS1) Prepared: 09/20/2019 00:00 Analyzed: 09/20/2019 13:35

Source: AC06573-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	2600		100	ug/L	2000	94 U	132	47-139			
Benzene	2100		100	ug/L	2000	71 U	106	56-136			
Chlorobenzene	2200		100	ug/L	2000	72 U	112	51-139			
Toluene	2200		100	ug/L	2000	72 U	111	64-131			
Trichloroethene	2400		100	ug/L	2000	89 U	120	62-135			
4-Bromofluorobenzene	*4900*			*ug/L*	*5000*		*97*	*41-142*			
Dibromofluoromethane	*5800*			*ug/L*	*5000*		*116*	*53-146*			
Toluene-d8	*5000*			*ug/L*	*5000*		*99*	*41-146*			

Matrix Spike Dup (9I20021-MSD1) Prepared: 09/20/2019 00:00 Analyzed: 09/20/2019 14:04

Source: AC06573-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	2600		100	ug/L	2000	94 U	131	47-139	0.8	16	
Benzene	2200		100	ug/L	2000	71 U	108	56-136	1	14	
Chlorobenzene	2300		100	ug/L	2000	72 U	114	51-139	2	13	
Toluene	2200		100	ug/L	2000	72 U	110	64-131	0.4	16	
Trichloroethene	2500		100	ug/L	2000	89 U	123	62-135	2	20	
4-Bromofluorobenzene	*4900*			*ug/L*	*5000*		*99*	*41-142*			
Dibromofluoromethane	*5800*			*ug/L*	*5000*		*116*	*53-146*			
Toluene-d8	*5100*			*ug/L*	*5000*		*103*	*41-146*			

Batch 9I20045 - EPA 5030B_MS

Blank (9I20045-BLK1) Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 23:39

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							U
1,1-Dichloroethane	0.62	U	1.0	ug/L							U
1,1-Dichloroethene	0.94	U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64	U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							U
1,2-Dichloroethane	0.63	U	1.0	ug/L							U
1,2-Dichloropropane	0.80	U	1.0	ug/L							U

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9I20045 - EPA 5030B_MS - Continued

Blank (9I20045-BLK1) Continued Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 23:39

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							U
2-Butanone	4.5	U	5.0	ug/L							U
2-Hexanone	1.4	U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							U
Acetone	10	U	20	ug/L							U
Acrylonitrile	3.2	U	10	ug/L							U
Benzene	0.71	U	1.0	ug/L							U
Bromochloromethane	0.94	U	1.0	ug/L							U
Bromodichloromethane	0.52	U	1.0	ug/L							U
Bromoform	0.75	U	1.0	ug/L							U
Bromomethane	0.95	U	1.0	ug/L							U
Carbon disulfide	2.6	U	5.0	ug/L							U
Carbon tetrachloride	0.94	U	1.0	ug/L							U
Chlorobenzene	0.72	U	1.0	ug/L							U
Chloroethane	0.98	U	1.0	ug/L							U
Chloroform	0.80	U	1.0	ug/L							U
Chloromethane	0.82	U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							U
Dibromochloromethane	0.44	U	1.0	ug/L							U
Dibromomethane	0.84	U	1.0	ug/L							U
Ethylbenzene	0.69	U	1.0	ug/L							U
Iodomethane	0.72	U	5.0	ug/L							U
m,p-Xylenes	1.3	U	2.0	ug/L							U
Methylene chloride	2.0	U	5.0	ug/L							U
o-Xylene	0.53	U	1.0	ug/L							U
Styrene	0.61	U	1.0	ug/L							U
Tetrachloroethene	0.76	U	1.0	ug/L							U
Toluene	0.72	U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							U
Trichloroethene	0.89	U	1.0	ug/L							U
Trichlorofluoromethane	0.94	U	1.0	ug/L							U
Vinyl acetate	0.60	U	5.0	ug/L							U
Vinyl chloride	0.71	U	1.0	ug/L							U
Xylenes (Total)	1.3	U	2.0	ug/L							U
4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*41-142*			
Dibromofluoromethane	*59*			*ug/L*	*50.0*		*117*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*41-146*			

LCS (9I20045-BS1) Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 21:44

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	24		1.0	ug/L	20.0		118	47-139			
Benzene	21		1.0	ug/L	20.0		103	56-136			
Chlorobenzene	22		1.0	ug/L	20.0		110	51-139			
Toluene	21		1.0	ug/L	20.0		103	64-131			
Trichloroethene	23		1.0	ug/L	20.0		116	62-135			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9I20045 - EPA 5030B_MS - Continued

LCS (9I20045-BS1) Continued Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 21:44

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*98*	*41-142*			
Dibromofluoromethane	*58*			*ug/L*	*50.0*		*116*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*41-146*			

Matrix Spike (9I20045-MS1) Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 22:13

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.94 U	132	47-139			
Benzene	21		1.0	ug/L	20.0	0.71 U	105	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	107	64-131			
Trichloroethene	24		1.0	ug/L	20.0	0.89 U	121	62-135			
4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*99*	*41-142*			
Dibromofluoromethane	*59*			*ug/L*	*50.0*		*117*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*41-146*			

Matrix Spike Dup (9I20045-MSD1) Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 22:41

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	28		1.0	ug/L	20.0	0.94 U	140	47-139	6	16	QM-07
Benzene	22		1.0	ug/L	20.0	0.71 U	111	56-136	5	14	
Chlorobenzene	23		1.0	ug/L	20.0	0.72 U	115	51-139	4	13	
Toluene	22		1.0	ug/L	20.0	0.72 U	112	64-131	4	16	
Trichloroethene	25		1.0	ug/L	20.0	0.89 U	126	62-135	4	20	
4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*103*	*41-142*			
Dibromofluoromethane	*62*			*ug/L*	*50.0*		*125*	*53-146*			
Toluene-d8	*54*			*ug/L*	*50.0*		*107*	*41-146*			

Semivolatile Organic Compounds by GC - Quality Control

Batch 9I20032 - EPA 504/8011

Blank (9I20032-BLK1) Prepared: 09/20/2019 12:50 Analyzed: 09/20/2019 14:39

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.012	U	0.020	ug/L							
1,2-Dibromoethane	0.004	U	0.020	ug/L							
1,1,1,2-Tetrachloroethane	*0.26*			*ug/L*	*0.250*		*105*	*70-130*			

LCS (9I20032-BS1) Prepared: 09/20/2019 12:50 Analyzed: 09/20/2019 14:55

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.22		0.020	ug/L	0.250		88	61-139			
1,2-Dibromoethane	0.22		0.020	ug/L	0.250		90	65-133			
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*101*	*70-130*			

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 9I20032 - EPA 504/8011 - Continued

Matrix Spike (9I20032-MS1) Prepared: 09/20/2019 12:50 Analyzed: 09/20/2019 15:11

Source: AC06420-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.22		0.020	ug/L	0.250	0.012 U	86	61-139			
1,2-Dibromoethane	0.23		0.020	ug/L	0.250	0.004 U	91	65-133			
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*101*	*70-130*			

Matrix Spike Dup (9I20032-MSD1) Prepared: 09/20/2019 12:50 Analyzed: 09/20/2019 15:28

Source: AC06420-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.22		0.020	ug/L	0.250	0.012 U	87	61-139	1	12	
1,2-Dibromoethane	0.22		0.020	ug/L	0.250	0.004 U	90	65-133	0.9	17	
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*101*	*70-130*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9I18011 - EPA 7470A

Blank (9I18011-BLK1) Prepared: 09/18/2019 11:25 Analyzed: 09/19/2019 08:49

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

LCS (9I18011-BS1) Prepared: 09/18/2019 11:25 Analyzed: 09/19/2019 08:52

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.22		0.200	ug/L	5.00		104	80-120			

Matrix Spike (9I18011-MS1) Prepared: 09/18/2019 11:25 Analyzed: 09/19/2019 08:58

Source: AC06162-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.16		0.200	ug/L	5.00	0.0230 U	103	75-125			

Matrix Spike Dup (9I18011-MSD1) Prepared: 09/18/2019 11:25 Analyzed: 09/19/2019 09:01

Source: AC06162-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.19		0.200	ug/L	5.00	0.0230 U	104	75-125	0.7	20	

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

Batch 9I18005 - EPA 200.8

Blank (9I18005-BLK1) Prepared: 09/18/2019 10:00 Analyzed: 09/19/2019 11:01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	2.50	U	5.00	ug/L							
Arsenic	5.00	U	10.0	ug/L							
Barium	50.0	U	100	ug/L							
Beryllium	0.500	U	1.00	ug/L							
Cadmium	0.500	U	3.00	ug/L							
Chromium	5.00	U	10.0	ug/L							

QUALITY CONTROL DATA

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

Batch 9I18005 - EPA 200.8 - Continued

Blank (9I18005-BLK1) Continued Prepared: 09/18/2019 10:00 Analyzed: 09/19/2019 11:01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cobalt	5.00	U	10.0	ug/L							
Copper	2.50	U	10.0	ug/L							
Iron	25.0	U	50.0	ug/L							
Lead	2.50	U	5.00	ug/L							
Nickel	5.00	U	10.0	ug/L							
Selenium	5.00	U	10.0	ug/L							
Silver	0.500	U	1.00	ug/L							
Sodium	0.500	U	1.00	mg/L							
Thallium	0.500	U	1.00	ug/L							
Vanadium	5.00	U	10.0	ug/L							
Zinc	25.0	U	50.0	ug/L							

LCS (9I18005-BS1) Prepared: 09/18/2019 10:00 Analyzed: 09/19/2019 11:05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	49.3		5.00	ug/L	50.0		99	80-120			
Arsenic	475		10.0	ug/L	500		95	80-120			
Barium	497		100	ug/L	500		99	80-120			
Beryllium	47.2		1.00	ug/L	50.0		94	80-120			
Cadmium	48.1		3.00	ug/L	50.0		96	80-120			
Chromium	506		10.0	ug/L	500		101	80-120			
Cobalt	502		10.0	ug/L	500		100	80-120			
Copper	494		10.0	ug/L	500		99	80-120			
Iron	1000		50.0	ug/L	1000		100	80-120			
Lead	488		5.00	ug/L	500		98	80-120			
Nickel	497		10.0	ug/L	500		99	80-120			
Selenium	469		10.0	ug/L	500		94	80-120			
Silver	53.3		1.00	ug/L	50.0		107	80-120			
Sodium	25.4		1.00	mg/L	25.0		102	80-120			
Thallium	48.9		1.00	ug/L	50.0		98	80-120			
Vanadium	492		10.0	ug/L	500		98	80-120			
Zinc	469		50.0	ug/L	500		94	80-120			

Matrix Spike (9I18005-MS1) Prepared: 09/18/2019 10:00 Analyzed: 09/19/2019 11:13

Source: AC06162-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	49.3		5.00	ug/L	50.0	2.50 U	99	75-125			
Arsenic	481		10.0	ug/L	500	5.00 U	96	75-125			
Barium	506		100	ug/L	500	50.0 U	101	75-125			
Beryllium	48.4		1.00	ug/L	50.0	0.500 U	97	75-125			
Cadmium	48.9		3.00	ug/L	50.0	0.853	96	75-125			
Chromium	504		10.0	ug/L	500	5.00 U	101	75-125			
Cobalt	508		10.0	ug/L	500	10.0	100	75-125			
Copper	486		10.0	ug/L	500	2.50 U	97	75-125			
Iron	1100		50.0	ug/L	1000	89.2	101	75-125			
Lead	485		5.00	ug/L	500	2.50 U	97	75-125			
Nickel	495		10.0	ug/L	500	5.64	98	75-125			
Selenium	467		10.0	ug/L	500	5.00 U	93	75-125			
Silver	52.8		1.00	ug/L	50.0	0.500 U	106	75-125			

QUALITY CONTROL DATA

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

Batch 9I18005 - EPA 200.8 - Continued

Matrix Spike (9I18005-MS1) Continued Prepared: 09/18/2019 10:00 Analyzed: 09/19/2019 11:13

Source: AC06162-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	42.6		1.00	mg/L	25.0	16.5	104	75-125			
Thallium	48.8		1.00	ug/L	50.0	0.500 U	98	75-125			
Vanadium	491		10.0	ug/L	500	5.00 U	98	75-125			
Zinc	471		50.0	ug/L	500	25.0 U	94	75-125			

Matrix Spike Dup (9I18005-MSD1) Prepared: 09/18/2019 10:00 Analyzed: 09/19/2019 11:17

Source: AC06162-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	50.4		5.00	ug/L	50.0	2.50 U	101	75-125	2	20	
Arsenic	483		10.0	ug/L	500	5.00 U	97	75-125	0.4	20	
Barium	511		100	ug/L	500	50.0 U	102	75-125	1	20	
Beryllium	48.5		1.00	ug/L	50.0	0.500 U	97	75-125	0.2	20	
Cadmium	49.1		3.00	ug/L	50.0	0.853	96	75-125	0.3	20	
Chromium	507		10.0	ug/L	500	5.00 U	101	75-125	0.6	20	
Cobalt	514		10.0	ug/L	500	10.0	101	75-125	1	20	
Copper	494		10.0	ug/L	500	2.50 U	99	75-125	2	20	
Iron	1110		50.0	ug/L	1000	89.2	102	75-125	0.8	20	
Lead	485		5.00	ug/L	500	2.50 U	97	75-125	0.1	20	
Nickel	503		10.0	ug/L	500	5.64	100	75-125	2	20	
Selenium	471		10.0	ug/L	500	5.00 U	94	75-125	0.8	20	
Silver	53.1		1.00	ug/L	50.0	0.500 U	106	75-125	0.6	20	
Sodium	42.3		1.00	mg/L	25.0	16.5	103	75-125	0.8	20	
Thallium	49.1		1.00	ug/L	50.0	0.500 U	98	75-125	0.6	20	
Vanadium	489		10.0	ug/L	500	5.00 U	98	75-125	0.6	20	
Zinc	478		50.0	ug/L	500	25.0 U	96	75-125	1	20	

Classical Chemistry Parameters - Quality Control

Batch 9I17001 - NO PREP

Blank (9I17001-BLK1) Prepared: 09/17/2019 12:15 Analyzed: 09/17/2019 13:04

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							U

LCS (9I17001-BS1) Prepared: 09/17/2019 12:15 Analyzed: 09/17/2019 13:19

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	52		5.0	mg/L	50.0		104	90-110			
Nitrate as N	26		1.0	mg/L	25.0		103	90-110			

Matrix Spike (9I17001-MS1) Prepared: 09/17/2019 12:15 Analyzed: 09/17/2019 16:58

Source: AC06222-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	89		5.0	mg/L	50.0	39	99	90-110			
Nitrate as N	26		1.0	mg/L	25.0	0.052 U	103	90-110			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9I17001 - NO PREP - Continued

Matrix Spike (9I17001-MS2) Prepared: 09/17/2019 12:15 Analyzed: 09/17/2019 19:00

Source: AC06162-16

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	57		5.0	mg/L	50.0	4.7	105	90-110			
Nitrate as N	25		1.0	mg/L	25.0	0.32	99	90-110			

Matrix Spike Dup (9I17001-MSD1) Prepared: 09/17/2019 12:15 Analyzed: 09/17/2019 17:13

Source: AC06222-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	89		5.0	mg/L	50.0	39	100	90-110	0.2	10	
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	99	90-110	4	10	

Matrix Spike Dup (9I17001-MSD2) Prepared: 09/17/2019 12:15 Analyzed: 09/17/2019 19:15

Source: AC06162-16

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	59		5.0	mg/L	50.0	4.7	108	90-110	3	10	
Nitrate as N	26		1.0	mg/L	25.0	0.32	103	90-110	4	10	

Batch 9I18001 - NO PREP

Blank (9I18001-BLK1) Prepared: 09/18/2019 10:00 Analyzed: 09/18/2019 12:00

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							U

LCS (9I18001-BS1) Prepared: 09/18/2019 10:00 Analyzed: 09/18/2019 14:48

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	52		5.0	mg/L	50.0		103	90-110			
Nitrate as N	26		1.0	mg/L	25.0		103	90-110			

Matrix Spike (9I18001-MS1) Prepared: 09/18/2019 10:00 Analyzed: 09/18/2019 13:47

Source: AC06164-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	100	L	5.0	mg/L	50.0	51	99	90-110			
Nitrate as N	25		1.0	mg/L	25.0	0.13	101	90-110			

Matrix Spike (9I18001-MS2) Prepared: 09/18/2019 10:00 Analyzed: 09/18/2019 17:19

Source: AC06170-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	72		5.0	mg/L	50.0	18	109	90-110			
Nitrate as N	26		1.0	mg/L	25.0	0.052 U	105	90-110			

Matrix Spike Dup (9I18001-MSD1) Prepared: 09/18/2019 10:00 Analyzed: 09/18/2019 14:02

Source: AC06164-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	100	L	5.0	mg/L	50.0	51	99	90-110	0.1	10	
Nitrate as N	26		1.0	mg/L	25.0	0.13	103	90-110	1	10	

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9I18001 - NO PREP - Continued

Matrix Spike Dup (9I18001-MSD2) Prepared: 09/18/2019 10:00 Analyzed: 09/18/2019 17:34

Source: AC06170-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	74		5.0	mg/L	50.0	18	113	90-110	3	10	QM-07
Nitrate as N	27		1.0	mg/L	25.0	0.052 U	108	90-110	3	10	

Batch 9I18009 - NO PREP

Blank (9I18009-BLK1) Prepared: 09/18/2019 11:00 Analyzed: 09/20/2019 12:15

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 (9I18009-BS1) Prepared: 09/18/2019 11:00 Analyzed: 09/20/2019 12:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	950		10	mg/L	1000		95	90-110			

Duplicate (9I18009-DUP1) Prepared: 09/18/2019 11:00 Analyzed: 09/20/2019 12:15

Source: AC05839-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	810		10	mg/L		860			7	20	

Batch 9I18028 - NO PREP

Blank (9I18028-BLK1) Prepared: 09/18/2019 11:30 Analyzed: 09/18/2019 12:12

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							U

LCS (9I18028-BS1) Prepared: 09/18/2019 11:30 Analyzed: 09/18/2019 12:13

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.96		0.020	mg/L	1.00		96	90-110			

Matrix Spike (9I18028-MS1) Prepared: 09/18/2019 11:30 Analyzed: 09/18/2019 12:16

Source: AC06162-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.99		0.020	mg/L	1.00	0.11	88	90-110			QM-07

Matrix Spike (9I18028-MS2) Prepared: 09/18/2019 11:30 Analyzed: 09/18/2019 12:46

Source: AC06535-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.7		0.020	mg/L	1.00	0.74	93	90-110			

Matrix Spike Dup (9I18028-MSD1) Prepared: 09/18/2019 11:30 Analyzed: 09/18/2019 12:17

Source: AC06162-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.98		0.020	mg/L	1.00	0.11	86	90-110	2	10	QM-07

Batch 9I19019 - NO PREP

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9I19019 - NO PREP - Continued

Blank (9I19019-BLK1) Prepared: 09/19/2019 13:00 Analyzed: 09/23/2019 16:26

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 (9I19019-BS1) Prepared: 09/19/2019 13:00 Analyzed: 09/23/2019 16:26

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	990		10	mg/L	1000		99	90-110			

Duplicate (9I19019-DUP1) Prepared: 09/19/2019 13:00 Analyzed: 09/23/2019 16:26

Source: AC06222-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	280		10	mg/L		250			9	20	

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.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-19	The spike recovery was outside acceptance limits for the MS and/or MSD.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

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

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

www.encolabs.com

Client Name: Angelo's Recycled Materials (AN010)	Project Number: 87895
Address: 41111 Enterprise Road	Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
City/ST/Zip: Dade City, FL 33525	PO # / Billing Info:
Tel: (352) 521-3607 Fax:	Reporting Contact: Walker Wrenn
Sampler(s) Name, Affiliation (Print): Karen LeBeau Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature: Karen LeBeau	Site Location / Time Zone: FL/EST

Requested Analyses

8011	8260D Appendix 1 FL	Chloride 300, Nitrate as N 300, TDS SM2540C	Ammonia 350.1	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Na,Ni, Pb,Sb,Se,Tl,V,Zn

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC06162

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	IH	I	IS	N						Sample Comments
	MW-18B	9-16-19	0940	Grab	GW	8	2	3	1	1	1						
	MW-19A	9-16-19	1030	Grab	GW	8	2	3	1	1	1						
	MW-20B	9-16-19	1127	Grab	GW	8	2	3	1	1	1						
	MW-10B	9-16-19	1206	Grab	GW	8	2	3	1	1	1						
	MW-9B	9-16-19	1245	Grab	GW	8	2	3	1	1	1						
	MW-8B	9-16-19	1315	Grab	GW	8	2	3	1	1	1						
	MW-7BR	9-16-19	1405	Grab	GW	8	2	3	1	1	1						
	MW-7A	9-16-19	1455	Grab	GW	8	2	3	1	1	1						
	MW-6B	9-16-19	1542	Grab	GW	8	2	3	1	1	1						
	MW-6	9-16-19	1559	Grab	GW	8	2	3	1	1	1						
	Supply Well	9-16-19	1630	Grab	GW	8	2	3	1	1	1						
	EQUIPMENT BLANK	9-16-19	1323	Grab	GW	8	2	3	1	1	1						Field DI Water

<-- Total # of Containers

Sample Kit Prepared By: RMA	Date/Time: 9/4/19 17:30	Relinquished By:	Date/Time: 9/4/19 17:30	Received By:	Date/Time: 9/6/19 1250
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 9/17/19 1335	Received By:	Date/Time: 9/18/19 1335
		Relinquished By:	Date/Time:	Received By:	Date/Time:

Cooler #'s & Temps on Receipt: Eg-523 1.3°C, Eg-414 7.3°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)

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

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Client Name: Angelo's Recycled Materials (AN010)	Project Number: 87895
Address: 41111 Enterprise Road	Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
City/ST/Zip: Dade City, FL 33525	PO # / Billing Info:
Tel: (352) 521-3607 Fax:	Reporting Contact: Walker Wrenn
Sampler(s) Name, Affiliation (Print): Karen LeBeau Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature: KarenLeBeau	Site Location / Time Zone: FL / EST

Requested Analyses

8011	8260D Appendix 1 FL	Chloride 300, Nitrate as N 300, TDS SM2540C	Ammonia 350.1	Ag, As, Ba, Be, Cd, Co, Cr, Cu, Fe, Hg, Na, Ni, Pb, Sb, Se, Tl, V, Zn					

Preservation (See Codes) (Combine as necessary)

I	IH	I	IS	N					

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC06162

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	IH	I	IS	N	Sample Comments
	MW-24A	9-17-19	0953	Grab	GW	8	2	3	1	1	1	
	MW-24B	9-17-19	1026	Grab	GW	8	2	3	1	1	1	
	Duplicate	9-17-19	1026	Grab	GW	8	2	3	1	1	1	
	MW-21A	9-17-19	1057	Grab	GW	8	2	3	1	1	1	
	MW-22A	9-17-19	1124	Grab	GW	8	2	3	1	1	1	
	MW-22B	9-17-19	1212	Grab	GW	8	2	3	1	1	1	
	trip blank 1	—	—	Grab	0	2	-	2	-	-	-	Lab Supplied
	trip blank 2	—	—	Grab	0	2	-	2	-	-	-	Lab supplied

<-- Total # of Containers

Sample Kit Prepared By: RHA	Date/Time: 9/4/19 17:50	Relinquished By: RHA	Date/Time: 9/4/19 17:50	Received By:	Date/Time: 9/6/19 1250
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 9/17/19 1335	Received By:	Date/Time: 9/17/19 1335
		Relinquished By:	Date/Time:	Received By:	Date/Time:

Cooler #'s & Temps on Receipt: Ly 523 1.3°C, Ly 449 3.3°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

Monday, September 30, 2019
Angelo's Recycled Materials (AN010)
Attn: Walker Wrenn
41111 Enterprise Road
Dade City, FL 33525

RE: Laboratory Results for
Project Number: 87895, Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
ENCO Workorder(s): AC06576

Dear Walker Wrenn,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, September 18, 2019.

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,

David Camacho For Carlene S Pasipanki

Project Manager

Enclosure(s)

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-23B **Lab ID: AC06576-01** **Sampled: 09/17/19 13:16** **Received: 09/18/19 16:48**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/19/19	13:16			09/19/19	08:00	09/19/19	09:26
EPA 300.0	NA	10/15/19				09/19/19	08:00	09/19/19	09:26
EPA 350.1	Same	10/15/19				09/24/19	08:41	09/24/19	10:53
EPA 6020B	EPA 3005A	03/15/20				09/20/19	09:30	09/20/19	13:38
EPA 7470A	EPA 7470A	10/15/19				09/19/19	12:08	09/20/19	09:42
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:53	09/21/19	00:35
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	15:15	09/21/19	01:05
Field	NO PREP	09/17/19	13:30			09/17/19	13:16	09/17/19	13:16
Field	NO PREP	09/18/19	13:16	09/18/19	13:16	09/17/19	13:16	09/17/19	13:16
Field	NO PREP	09/19/19	13:16			09/17/19	13:16	09/17/19	13:16
SM 2540C-2011	NO PREP	09/24/19				09/20/19	11:30	09/24/19	09:25

Client ID: MW-4 **Lab ID: AC06576-02** **Sampled: 09/17/19 13:43** **Received: 09/18/19 16:48**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/19/19	13:43			09/19/19	08:00	09/19/19	10:27
EPA 300.0	NA	10/15/19				09/19/19	08:00	09/19/19	10:27
EPA 350.1	Same	10/15/19				09/24/19	08:41	09/24/19	11:02
EPA 6020B	EPA 3005A	03/15/20				09/20/19	09:30	09/23/19	18:34
EPA 7470A	EPA 7470A	10/15/19				09/19/19	12:08	09/20/19	09:54
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:53	09/21/19	00:51
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	15:15	09/21/19	03:29
Field	NO PREP	09/17/19	13:57			09/17/19	13:43	09/17/19	13:43
Field	NO PREP	09/18/19	13:43	09/18/19	13:43	09/17/19	13:43	09/17/19	13:43
Field	NO PREP	09/19/19	13:43			09/17/19	13:43	09/17/19	13:43
SM 2540C-2011	NO PREP	09/24/19				09/20/19	11:30	09/24/19	09:25

Client ID: MW-4B **Lab ID: AC06576-03** **Sampled: 09/17/19 14:14** **Received: 09/18/19 16:48**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/19/19	14:14			09/19/19	08:00	09/19/19	09:42
EPA 300.0	NA	10/15/19				09/19/19	08:00	09/19/19	09:42
EPA 350.1	Same	10/15/19				09/24/19	08:41	09/24/19	11:03
EPA 6020B	EPA 3005A	03/15/20				09/20/19	09:30	09/23/19	18:38
EPA 7470A	EPA 7470A	10/15/19				09/19/19	12:08	09/20/19	09:57
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:53	09/21/19	01:08
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	15:15	09/21/19	03:57
Field	NO PREP	09/17/19	14:28			09/17/19	14:14	09/17/19	14:14
Field	NO PREP	09/18/19	14:14	09/18/19	14:14	09/17/19	14:14	09/17/19	14:14
Field	NO PREP	09/19/19	14:14			09/17/19	14:14	09/17/19	14:14
SM 2540C-2011	NO PREP	09/24/19				09/20/19	11:30	09/24/19	09:25

Client ID: MW-5AR **Lab ID: AC06576-04** **Sampled: 09/17/19 15:03** **Received: 09/18/19 16:48**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/19/19	15:03			09/19/19	08:00	09/19/19	09:57
EPA 300.0	NA	10/15/19				09/19/19	08:00	09/19/19	09:57
EPA 350.1	Same	10/15/19				09/24/19	08:41	09/24/19	11:04
EPA 6020B	EPA 3005A	03/15/20				09/20/19	09:30	09/23/19	18:46
EPA 7470A	EPA 7470A	10/15/19				09/19/19	12:08	09/20/19	10:00
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:53	09/21/19	01:24
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	15:15	09/21/19	04:26
Field	NO PREP	09/17/19	15:17			09/17/19	15:03	09/17/19	15:03
Field	NO PREP	09/18/19	15:03	09/18/19	15:03	09/17/19	15:03	09/17/19	15:03
Field	NO PREP	09/19/19	15:03			09/17/19	15:03	09/17/19	15:03
SM 2540C-2011	NO PREP	09/24/19				09/20/19	11:30	09/24/19	09:25

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5BR **Lab ID: AC06576-05** **Sampled: 09/17/19 15:37** **Received: 09/18/19 16:48**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/19/19	15:37			09/19/19	08:00	09/19/19	10:12
EPA 300.0	NA	10/15/19				09/19/19	08:00	09/19/19	10:12
EPA 350.1	Same	10/15/19				09/24/19	08:41	09/24/19	11:05
EPA 6020B	EPA 3005A	03/15/20				09/20/19	09:30	09/23/19	18:50
EPA 7470A	EPA 7470A	10/15/19				09/19/19	12:08	09/20/19	10:03
EPA 8011	EPA 504/8011	10/01/19				09/20/19	12:53	09/21/19	01:40
EPA 8260D	EPA 5030B_MS	10/01/19				09/20/19	15:15	09/21/19	04:55
Field	NO PREP	09/17/19	15:51			09/17/19	15:37	09/17/19	15:37
Field	NO PREP	09/18/19	15:37	09/18/19	15:37	09/17/19	15:37	09/17/19	15:37
Field	NO PREP	09/19/19	15:37			09/17/19	15:37	09/17/19	15:37
SM 2540C-2011	NO PREP	09/24/19				09/20/19	11:30	09/24/19	09:25

Client ID: BW-1B **Lab ID: AC06576-06** **Sampled: 09/18/19 10:51** **Received: 09/18/19 16:48**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/20/19	10:51			09/19/19	08:00	09/19/19	10:43
EPA 300.0	NA	10/16/19				09/19/19	08:00	09/19/19	10:43
EPA 350.1	Same	10/16/19				09/24/19	08:41	09/24/19	11:06
EPA 6020B	EPA 3005A	03/16/20				09/20/19	09:30	09/23/19	18:54
EPA 7470A	EPA 7470A	10/16/19				09/19/19	12:08	09/20/19	10:06
EPA 8011	EPA 504/8011	10/02/19				09/20/19	12:53	09/21/19	02:12
EPA 8260D	EPA 5030B_MS	10/02/19				09/20/19	15:15	09/21/19	05:23
Field	NO PREP	09/18/19	11:05			09/18/19	10:51	09/18/19	10:51
Field	NO PREP	09/19/19	10:51	09/19/19	10:51	09/18/19	10:51	09/18/19	10:51
Field	NO PREP	09/20/19	10:51			09/18/19	10:51	09/18/19	10:51
SM 2540C-2011	NO PREP	09/25/19				09/23/19	12:30	09/25/19	09:20

Client ID: TRIP BLANK 3 **Lab ID: AC06576-07** **Sampled: 09/18/19 00:00** **Received: 09/18/19 16:48**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8260D	EPA 5030B_MS	10/02/19				09/20/19	15:15	09/21/19	05:52

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SAMPLE DETECTION SUMMARY

Client ID: MW-23B **Lab ID: AC06576-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	6.8		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	23.65				Ft	Field	
Dissolved Oxygen	3.42		0	0	mg/L	Field	
Nitrate as N	0.40	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	96.9		-999	-999	mV	Field	
pH	6.73				pH Units	Field	
Sodium - Total	7.87		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	629		0	0	umhos/cm	Field	
Temperature	25.9		0	0	°C	Field	
Total Dissolved Solids	380		10	10	mg/L	SM 2540C-2011	
Turbidity	0.5		0	0	NTU	Field	

Client ID: MW-4 **Lab ID: AC06576-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	30		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	16.05				Ft	Field	
Dissolved Oxygen	4.45		0	0	mg/L	Field	
Iron - Total	31.1	I	25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	0.88	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	48.2		-999	-999	mV	Field	
pH	6.14				pH Units	Field	
Sodium - Total	14.1		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	693		0	0	umhos/cm	Field	
Temperature	29		0	0	°C	Field	
Total Dissolved Solids	400		10	10	mg/L	SM 2540C-2011	
Turbidity	2.5		0	0	NTU	Field	
Water Elevation	84.54				Ft	Field	

Client ID: MW-4B **Lab ID: AC06576-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.7	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	24.49				Ft	Field	
Dissolved Oxygen	3.02		0	0	mg/L	Field	
Nitrate as N	0.46	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	42.9		-999	-999	mV	Field	
pH	7.32				pH Units	Field	
Sodium - Total	4.32		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	298.8		0	0	umhos/cm	Field	
Temperature	24.9		0	0	°C	Field	
Total Dissolved Solids	160		10	10	mg/L	SM 2540C-2011	
Turbidity	0.6		0	0	NTU	Field	
Water Elevation	76.38				Ft	Field	

Client ID: MW-5AR **Lab ID: AC06576-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.056		0.0098	0.020	mg/L	EPA 350.1	
Chloride	24		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	15.89				Ft	Field	
Dissolved Oxygen	0.31		0	0	mg/L	Field	
Iron - Total	6730		25.0	50.0	ug/L	EPA 6020B	
pH	5.39				pH Units	Field	
Sodium - Total	10.6		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	269.1		0	0	umhos/cm	Field	
Temperature	27.3		0	0	°C	Field	
Total Dissolved Solids	170		10	10	mg/L	SM 2540C-2011	
Turbidity	2		0	0	NTU	Field	

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SAMPLE DETECTION SUMMARY

Client ID: MW-5BR **Lab ID: AC06576-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.9	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	22.34				Ft	Field	
Dissolved Oxygen	1.82		0	0	mg/L	Field	
Nitrate as N	0.72	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	48.6		-999	-999	mV	Field	
pH	6.78				pH Units	Field	
Sodium - Total	4.51		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	351.5		0	0	umhos/cm	Field	
Temperature	24.8		0	0	°C	Field	
Total Dissolved Solids	230		10	10	mg/L	SM 2540C-2011	
Turbidity	0.7		0	0	NTU	Field	

Client ID: BW-1B **Lab ID: AC06576-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	12		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	50.04				Ft	Field	
Dissolved Oxygen	6.8		0	0	mg/L	Field	
Nitrate as N	6.3		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	199.5		-999	-999	mV	Field	
pH	7.25				pH Units	Field	
Sodium - Total	7.44		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	261.8		0	0	umhos/cm	Field	
Temperature	24.7		0	0	°C	Field	
Total Dissolved Solids	150		10	10	mg/L	SM 2540C-2011	
Turbidity	0.6		0	0	NTU	Field	
Water Elevation	124.07				Ft	Field	

ANALYTICAL RESULTS

Description: MW-23B **Lab Sample ID:** AC06576-01 **Received:** 09/18/19 16:48

Matrix: Ground Water **Sampled:** 09/17/19 13:16 **Work Order:** AC06576

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** CLIENT

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	QM-07, U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 01:05	MJH	QL-02, QM-19, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	QM-11, U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	QM-07, U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U

ANALYTICAL RESULTS

Description: MW-23B | **Lab Sample ID:** AC06576-01 | **Received:** 09/18/19 16:48
Matrix: Ground Water | **Sampled:** 09/17/19 13:16 | **Work Order:** AC06576
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** CLIENT

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
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 01:05	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 01:05*	*MJH*	
Dibromofluoromethane	*59*	*1*	*50.0*	*117 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 01:05*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 01:05*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20033	EPA 8011	09/21/19 00:35	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20033	EPA 8011	09/21/19 00:35	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*98 %*	*70-130*	*9I20033*	*EPA 8011*	*09/21/19 00:35*	*RGG*	

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	9I19016	EPA 7470A	09/20/19 09:42	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Sodium [7440-23-5]	**7.87**		mg/L	1	0.320	1.00	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/20/19 13:38	JMA	

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ANALYTICAL RESULTS

Description: MW-23B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-01
Sampled: 09/17/19 13:16
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I24011	EPA 350.1	09/24/19 10:53	KGonz	QM-07, U
Chloride [16887-00-6]^	**6.8**		mg/L	1	0.29	5.0	9I19001	EPA 300.0	09/19/19 09:26	RSA	
Nitrate as N [14797-55-8]^	**0.40**	I	mg/L	1	0.052	1.0	9I19001	EPA 300.0	09/19/19 09:26	RSA	J
Total Dissolved Solids^	**380**		mg/L	1	10	10	9I20011	SM 2540C-2011	09/24/19 09:25	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**23.65**		Ft	1			9I30031	Field	09/17/19 13:16	CLI	
Dissolved Oxygen	**3.42**		mg/L	1	0	0	9I30031	Field	09/17/19 13:16	CLI	
Oxidation/Reduction Potential	**96.9**		mV	1	-999	-999	9I30031	Field	09/17/19 13:16	CLI	
pH	**6.73**		pH Units	1			9I30031	Field	09/17/19 13:16	CLI	
Specific Conductance (EC)	**629**		umhos/cm	1	0	0	9I30031	Field	09/17/19 13:16	CLI	
Temperature	**25.9**		°C	1	0	0	9I30031	Field	09/17/19 13:16	CLI	
Turbidity	**0.5**		NTU	1	0	0	9I30031	Field	09/17/19 13:16	CLI	

ANALYTICAL RESULTS

Description: MW-4 **Lab Sample ID:** AC06576-02 **Received:** 09/18/19 16:48

Matrix: Ground Water **Sampled:** 09/17/19 13:43 **Work Order:** AC06576

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** CLIENT

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 03:29	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U

ANALYTICAL RESULTS

Description: MW-4 **Lab Sample ID:** AC06576-02 **Received:** 09/18/19 16:48

Matrix: Ground Water **Sampled:** 09/17/19 13:43 **Work Order:** AC06576

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** CLIENT

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 03:29	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 03:29*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*117 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 03:29*	*MJH*	
Toluene-d8	*50*	*1*	*50.0*	*101 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 03:29*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20033	EPA 8011	09/21/19 00:51	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20033	EPA 8011	09/21/19 00:51	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*103 %*	*70-130*	*9I20033*	*EPA 8011*	*09/21/19 00:51*	*RGG*	

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	9I19016	EPA 7470A	09/20/19 09:54	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Iron [7439-89-6]	**31.1**	I	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Sodium [7440-23-5]	**14.1**		mg/L	1	0.320	1.00	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:34	JMA	

ANALYTICAL RESULTS

Description: MW-4 **Lab Sample ID:** AC06576-02 **Received:** 09/18/19 16:48

Matrix: Ground Water **Sampled:** 09/17/19 13:43 **Work Order:** AC06576

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** CLIENT

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I24011	EPA 350.1	09/24/19 11:02	KGonz	U
Chloride [16887-00-6]^	**30**		mg/L	1	0.29	5.0	9I19001	EPA 300.0	09/19/19 10:27	RSA	
Nitrate as N [14797-55-8]^	**0.88**	I	mg/L	1	0.052	1.0	9I19001	EPA 300.0	09/19/19 10:27	RSA	J
Total Dissolved Solids^	**400**		mg/L	1	10	10	9I20011	SM 2540C-2011	09/24/19 09:25	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**16.05**		Ft	1			9I30031	Field	09/17/19 13:43	CLI	
Dissolved Oxygen	**4.45**		mg/L	1	0	0	9I30031	Field	09/17/19 13:43	CLI	
Oxidation/Reduction Potential	**48.2**		mV	1	-999	-999	9I30031	Field	09/17/19 13:43	CLI	
pH	**6.14**		pH Units	1			9I30031	Field	09/17/19 13:43	CLI	
Specific Conductance (EC)	**693**		umhos/cm	1	0	0	9I30031	Field	09/17/19 13:43	CLI	
Temperature	**29**		°C	1	0	0	9I30031	Field	09/17/19 13:43	CLI	
Turbidity	**2.5**		NTU	1	0	0	9I30031	Field	09/17/19 13:43	CLI	
Water Elevation	**84.54**		Ft	1			9I30031	Field	09/17/19 13:43	CLI	

ANALYTICAL RESULTS

Description: MW-4B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-03
Sampled: 09/17/19 14:14
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 03:57	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U

ANALYTICAL RESULTS

Description: MW-4B | **Lab Sample ID:** AC06576-03 | **Received:** 09/18/19 16:48
Matrix: Ground Water | **Sampled:** 09/17/19 14:14 | **Work Order:** AC06576
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** CLIENT

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 03:57	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*93 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 03:57*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*117 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 03:57*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 03:57*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20033	EPA 8011	09/21/19 01:08	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20033	EPA 8011	09/21/19 01:08	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*100 %*	*70-130*	*9I20033*	*EPA 8011*	*09/21/19 01:08*	*RGG*	

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	9I19016	EPA 7470A	09/20/19 09:57	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Sodium [7440-23-5]	**4.32**		mg/L	1	0.320	1.00	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:38	JMA	

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ANALYTICAL RESULTS

Description: MW-4B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-03
Sampled: 09/17/19 14:14
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I24011	EPA 350.1	09/24/19 11:03	KGonz	U
Chloride [16887-00-6]^	**3.7**	I	mg/L	1	0.29	5.0	9I19001	EPA 300.0	09/19/19 09:42	RSA	
Nitrate as N [14797-55-8]^	**0.46**	I	mg/L	1	0.052	1.0	9I19001	EPA 300.0	09/19/19 09:42	RSA	J
Total Dissolved Solids^	**160**		mg/L	1	10	10	9I20011	SM 2540C-2011	09/24/19 09:25	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**24.49**		Ft	1			9I30031	Field	09/17/19 14:14	CLI	
Dissolved Oxygen	**3.02**		mg/L	1	0	0	9I30031	Field	09/17/19 14:14	CLI	
Oxidation/Reduction Potential	**42.9**		mV	1	-999	-999	9I30031	Field	09/17/19 14:14	CLI	
pH	**7.32**		pH Units	1			9I30031	Field	09/17/19 14:14	CLI	
Specific Conductance (EC)	**298.8**		umhos/cm	1	0	0	9I30031	Field	09/17/19 14:14	CLI	
Temperature	**24.9**		°C	1	0	0	9I30031	Field	09/17/19 14:14	CLI	
Turbidity	**0.6**		NTU	1	0	0	9I30031	Field	09/17/19 14:14	CLI	
Water Elevation	**76.38**		Ft	1			9I30031	Field	09/17/19 14:14	CLI	

ANALYTICAL RESULTS

Description: MW-5AR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-04
Sampled: 09/17/19 15:03
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 04:26	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U

ANALYTICAL RESULTS

Description: MW-5AR | **Lab Sample ID:** AC06576-04 | **Received:** 09/18/19 16:48

Matrix: Ground Water | **Sampled:** 09/17/19 15:03 | **Work Order:** AC06576

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** CLIENT

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 04:26	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*97 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 04:26*	*MJH*	
Dibromofluoromethane	*61*	*1*	*50.0*	*122 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 04:26*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*105 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 04:26*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20033	EPA 8011	09/21/19 01:24	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20033	EPA 8011	09/21/19 01:24	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*99 %*	*70-130*	*9I20033*	*EPA 8011*	*09/21/19 01:24*	*RGG*	

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	9I19016	EPA 7470A	09/20/19 10:00	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Iron [7439-89-6]	**6730**		ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Sodium [7440-23-5]	**10.6**		mg/L	1	0.320	1.00	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:46	JMA	

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ANALYTICAL RESULTS

Description: MW-5AR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-04
Sampled: 09/17/19 15:03
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

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]^	**0.056**		mg/L	1	0.0098	0.020	9I24011	EPA 350.1	09/24/19 11:04	KGonz	
Chloride [16887-00-6]^	**24**		mg/L	1	0.29	5.0	9I19001	EPA 300.0	09/19/19 09:57	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9I19001	EPA 300.0	09/19/19 09:57	RSA	U
Total Dissolved Solids^	**170**		mg/L	1	10	10	9I20011	SM 2540C-2011	09/24/19 09:25	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**15.89**		Ft	1			9I30031	Field	09/17/19 15:03	CLI	
Dissolved Oxygen	**0.31**		mg/L	1	0	0	9I30031	Field	09/17/19 15:03	CLI	
Oxidation/Reduction Potential	**-124.3**		mV	1	-999	-999	9I30031	Field	09/17/19 15:03	CLI	
pH	**5.39**		pH Units	1			9I30031	Field	09/17/19 15:03	CLI	
Specific Conductance (EC)	**269.1**		umhos/cm	1	0	0	9I30031	Field	09/17/19 15:03	CLI	
Temperature	**27.3**		°C	1	0	0	9I30031	Field	09/17/19 15:03	CLI	
Turbidity	**2**		NTU	1	0	0	9I30031	Field	09/17/19 15:03	CLI	

ANALYTICAL RESULTS

Description: MW-5BR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-05
Sampled: 09/17/19 15:37
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 04:55	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U

ANALYTICAL RESULTS

Description: MW-5BR | **Lab Sample ID:** AC06576-05 | **Received:** 09/18/19 16:48
Matrix: Ground Water | **Sampled:** 09/17/19 15:37 | **Work Order:** AC06576
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** CLIENT

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 04:55	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 04:55*	*MJH*	
Dibromofluoromethane	*60*	*1*	*50.0*	*120 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 04:55*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*105 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 04:55*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20033	EPA 8011	09/21/19 01:40	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20033	EPA 8011	09/21/19 01:40	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.25*	*1*	*0.250*	*100 %*	*70-130*	*9I20033*	*EPA 8011*	*09/21/19 01:40*	*RGG*	

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	9I19016	EPA 7470A	09/20/19 10:03	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Sodium [7440-23-5]	**4.51**		mg/L	1	0.320	1.00	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:50	JMA	

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ANALYTICAL RESULTS

Description: MW-5BR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-05
Sampled: 09/17/19 15:37
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I24011	EPA 350.1	09/24/19 11:05	KGonz	U
Chloride [16887-00-6]^	**4.9**	I	mg/L	1	0.29	5.0	9I19001	EPA 300.0	09/19/19 10:12	RSA	
Nitrate as N [14797-55-8]^	**0.72**	I	mg/L	1	0.052	1.0	9I19001	EPA 300.0	09/19/19 10:12	RSA	J
Total Dissolved Solids^	**230**		mg/L	1	10	10	9I20011	SM 2540C-2011	09/24/19 09:25	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**22.34**		Ft	1			9I30031	Field	09/17/19 15:37	CLI	
Dissolved Oxygen	**1.82**		mg/L	1	0	0	9I30031	Field	09/17/19 15:37	CLI	
Oxidation/Reduction Potential	**48.6**		mV	1	-999	-999	9I30031	Field	09/17/19 15:37	CLI	
pH	**6.78**		pH Units	1			9I30031	Field	09/17/19 15:37	CLI	
Specific Conductance (EC)	**351.5**		umhos/cm	1	0	0	9I30031	Field	09/17/19 15:37	CLI	
Temperature	**24.8**		°C	1	0	0	9I30031	Field	09/17/19 15:37	CLI	
Turbidity	**0.7**		NTU	1	0	0	9I30031	Field	09/17/19 15:37	CLI	

ANALYTICAL RESULTS

Description: BW-1B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-06
Sampled: 09/18/19 10:51
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 05:23	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U

ANALYTICAL RESULTS

Description: BW-1B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-06
Sampled: 09/18/19 10:51
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 05:23	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 05:23*	*MJH*	
Dibromofluoromethane	*58*	*1*	*50.0*	*116 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 05:23*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 05:23*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	9I20033	EPA 8011	09/21/19 02:12	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9I20033	EPA 8011	09/21/19 02:12	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.24*	*1*	*0.250*	*98 %*	*70-130*	*9I20033*	*EPA 8011*	*09/21/19 02:12*	*RGG*	

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	9I19016	EPA 7470A	09/20/19 10:06	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Sodium [7440-23-5]	**7.44**		mg/L	1	0.320	1.00	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9I20010	EPA 6020B	09/23/19 18:54	JMA	

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ANALYTICAL RESULTS

Description: BW-1B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC06576-06
Sampled: 09/18/19 10:51
Sampled By: CLIENT

Received: 09/18/19 16:48
Work Order: AC06576

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]^	0.0098	U	mg/L	1	0.0098	0.020	9I24011	EPA 350.1	09/24/19 11:06	KGonz	U
Chloride [16887-00-6]^	**12**		mg/L	1	0.29	5.0	9I19001	EPA 300.0	09/19/19 10:43	RSA	
Nitrate as N [14797-55-8]^	**6.3**		mg/L	1	0.052	1.0	9I19001	EPA 300.0	09/19/19 10:43	RSA	
Total Dissolved Solids^	**150**		mg/L	1	10	10	9I23020	SM 2540C-2011	09/25/19 09:20	SSE	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**50.04**		Ft	1			9I30031	Field	09/18/19 10:51	CLI	
Dissolved Oxygen	**6.8**		mg/L	1	0	0	9I30031	Field	09/18/19 10:51	CLI	
Oxidation/Reduction Potential	**199.5**		mV	1	-999	-999	9I30031	Field	09/18/19 10:51	CLI	
pH	**7.25**		pH Units	1			9I30031	Field	09/18/19 10:51	CLI	
Specific Conductance (EC)	**261.8**		umhos/cm	1	0	0	9I30031	Field	09/18/19 10:51	CLI	
Temperature	**24.7**		°C	1	0	0	9I30031	Field	09/18/19 10:51	CLI	
Turbidity	**0.6**		NTU	1	0	0	9I30031	Field	09/18/19 10:51	CLI	
Water Elevation	**124.07**		Ft	1			9I30031	Field	09/18/19 10:51	CLI	

ANALYTICAL RESULTS

Description: TRIP BLANK 3 **Lab Sample ID:** AC06576-07 **Received:** 09/18/19 16:48

Matrix: Water **Sampled:** 09/18/19 00:00 **Work Order:** AC06576

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** ENCO ORL

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9I20045	EPA 8260D	09/21/19 05:52	MJH	QL-02, U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U

ANALYTICAL RESULTS

Description: TRIP BLANK 3 **Lab Sample ID:** AC06576-07 **Received:** 09/18/19 16:48

Matrix: Water **Sampled:** 09/18/19 00:00 **Work Order:** AC06576

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** ENCO ORL

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
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9I20045	EPA 8260D	09/21/19 05:52	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*93 %*	*41-142*	*9I20045*	*EPA 8260D*	*09/21/19 05:52*	*MJH*	
Dibromofluoromethane	*60*	*1*	*50.0*	*119 %*	*53-146*	*9I20045*	*EPA 8260D*	*09/21/19 05:52*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*41-146*	*9I20045*	*EPA 8260D*	*09/21/19 05:52*	*MJH*	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9I20045 - EPA 5030B_MS

Blank (9I20045-BLK1) Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 23:39

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							U
1,1-Dichloroethane	0.62	U	1.0	ug/L							U
1,1-Dichloroethene	0.94	U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64	U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							U
1,2-Dichloroethane	0.63	U	1.0	ug/L							U
1,2-Dichloropropane	0.80	U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							U
2-Butanone	4.5	U	5.0	ug/L							U
2-Hexanone	1.4	U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							U
Acetone	10	U	20	ug/L							U
Acrylonitrile	3.2	U	10	ug/L							U
Benzene	0.71	U	1.0	ug/L							U
Bromochloromethane	0.94	U	1.0	ug/L							U
Bromodichloromethane	0.52	U	1.0	ug/L							U
Bromoform	0.75	U	1.0	ug/L							U
Bromomethane	0.95	U	1.0	ug/L							U
Carbon disulfide	2.6	U	5.0	ug/L							U
Carbon tetrachloride	0.94	U	1.0	ug/L							U
Chlorobenzene	0.72	U	1.0	ug/L							U
Chloroethane	0.98	U	1.0	ug/L							U
Chloroform	0.80	U	1.0	ug/L							U
Chloromethane	0.82	U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							U
Dibromochloromethane	0.44	U	1.0	ug/L							U
Dibromomethane	0.84	U	1.0	ug/L							U
Ethylbenzene	0.69	U	1.0	ug/L							U
Iodomethane	0.72	U	5.0	ug/L							U
m,p-Xylenes	1.3	U	2.0	ug/L							U
Methylene chloride	2.0	U	5.0	ug/L							U
o-Xylene	0.53	U	1.0	ug/L							U
Styrene	0.61	U	1.0	ug/L							U
Tetrachloroethene	0.76	U	1.0	ug/L							U
Toluene	0.72	U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							U
Trichloroethene	0.89	U	1.0	ug/L							U
Trichlorofluoromethane	0.94	U	1.0	ug/L							U
Vinyl acetate	0.60	U	5.0	ug/L							U
Vinyl chloride	0.71	U	1.0	ug/L							U
Xylenes (Total)	1.3	U	2.0	ug/L							U
4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*41-142*			
Dibromofluoromethane	*59*			*ug/L*	*50.0*		*117*	*53-146*			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9I20045 - EPA 5030B_MS - Continued

Blank (9I20045-BLK1) Continued Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 23:39

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*41-146*			

LCS (9I20045-BS1) Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 21:44

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	24		1.0	ug/L	20.0		118	47-139			
Benzene	21		1.0	ug/L	20.0		103	56-136			
Chlorobenzene	22		1.0	ug/L	20.0		110	51-139			
Toluene	21		1.0	ug/L	20.0		103	64-131			
Trichloroethene	23		1.0	ug/L	20.0		116	62-135			
4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*98*	*41-142*			
Dibromofluoromethane	*58*			*ug/L*	*50.0*		*116*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*41-146*			

Matrix Spike (9I20045-MS1) Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 22:13

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.94 U	132	47-139			
Benzene	21		1.0	ug/L	20.0	0.71 U	105	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	107	64-131			
Trichloroethene	24		1.0	ug/L	20.0	0.89 U	121	62-135			
4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*99*	*41-142*			
Dibromofluoromethane	*59*			*ug/L*	*50.0*		*117*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*41-146*			

Matrix Spike Dup (9I20045-MSD1) Prepared: 09/20/2019 15:15 Analyzed: 09/20/2019 22:41

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	28		1.0	ug/L	20.0	0.94 U	140	47-139	6	16	QM-07
Benzene	22		1.0	ug/L	20.0	0.71 U	111	56-136	5	14	
Chlorobenzene	23		1.0	ug/L	20.0	0.72 U	115	51-139	4	13	
Toluene	22		1.0	ug/L	20.0	0.72 U	112	64-131	4	16	
Trichloroethene	25		1.0	ug/L	20.0	0.89 U	126	62-135	4	20	
4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*103*	*41-142*			
Dibromofluoromethane	*62*			*ug/L*	*50.0*		*125*	*53-146*			
Toluene-d8	*54*			*ug/L*	*50.0*		*107*	*41-146*			

Semivolatile Organic Compounds by GC - Quality Control

Batch 9I20033 - EPA 504/8011

Blank (9I20033-BLK1) Prepared: 09/20/2019 12:53 Analyzed: 09/20/2019 21:38

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.012	U	0.020	ug/L							
1,2-Dibromoethane	0.004	U	0.020	ug/L							

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 9I20033 - EPA 504/8011 - Continued

Blank (9I20033-BLK1) Continued Prepared: 09/20/2019 12:53 Analyzed: 09/20/2019 21:38

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	*0.26*			*ug/L*	*0.250*		*103*	*70-130*			

LCS (9I20033-BS1) Prepared: 09/20/2019 12:53 Analyzed: 09/20/2019 21:54

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.20		0.020	ug/L	0.250		82	61-139			
1,2-Dibromoethane	0.23		0.020	ug/L	0.250		92	65-133			
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*100*	*70-130*			

Matrix Spike (9I20033-MS1) Prepared: 09/20/2019 12:53 Analyzed: 09/20/2019 22:10

Source: AC06420-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.21		0.020	ug/L	0.250	0.012 U	84	61-139			
1,2-Dibromoethane	0.23		0.020	ug/L	0.250	0.004 U	92	65-133			
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*99*	*70-130*			

Matrix Spike Dup (9I20033-MSD1) Prepared: 09/20/2019 12:53 Analyzed: 09/20/2019 22:26

Source: AC06420-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.21		0.020	ug/L	0.250	0.012 U	85	61-139	0.9	12	
1,2-Dibromoethane	0.24		0.020	ug/L	0.250	0.004 U	94	65-133	2	17	
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*100*	*70-130*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9I19016 - EPA 7470A

Blank (9I19016-BLK1) Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:40

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

Blank (9I19016-BLK2) Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:43

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

LCS (9I19016-BS1) Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:46

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.31		0.200	ug/L	5.00		106	80-120			

Matrix Spike (9I19016-MS1) Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:53

Source: AC06477-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	52.3		2.00	ug/L	50.0	0.230 U	105	75-125			

QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9I19016 - EPA 7470A - Continued

Matrix Spike Dup (9I19016-MSD1) Prepared: 09/19/2019 12:08 Analyzed: 09/20/2019 08:56

Source: AC06477-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	50.9		2.00	ug/L	50.0	0.230 U	102	75-125	3	20	

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

Batch 9I20010 - EPA 3005A

Blank (9I20010-BLK1) Prepared: 09/20/2019 09:30 Analyzed: 09/20/2019 13:26

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	2.50	U	5.00	ug/L							
Arsenic	5.00	U	10.0	ug/L							
Barium	50.0	U	100	ug/L							
Beryllium	0.500	U	1.00	ug/L							
Cadmium	0.500	U	3.00	ug/L							
Chromium	5.00	U	10.0	ug/L							
Cobalt	5.00	U	10.0	ug/L							
Copper	2.50	U	10.0	ug/L							
Iron	25.0	U	50.0	ug/L							
Lead	2.50	U	5.00	ug/L							
Nickel	5.00	U	10.0	ug/L							
Selenium	5.00	U	10.0	ug/L							
Silver	0.500	U	1.00	ug/L							
Sodium	0.500	U	1.00	mg/L							
Thallium	0.500	U	1.00	ug/L							
Vanadium	5.00	U	10.0	ug/L							
Zinc	25.0	U	50.0	ug/L							

Blank (9I20010-BLK2) Prepared: 09/20/2019 09:30 Analyzed: 09/20/2019 13:30

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.250	U	0.500	ug/L							
Arsenic	0.500	U	1.00	ug/L							
Barium	5.00	U	10.0	ug/L							
Beryllium	0.0500	U	0.100	ug/L							
Cadmium	0.0500	U	0.300	ug/L							
Chromium	0.500	U	1.00	ug/L							
Cobalt	0.500	U	1.00	ug/L							
Copper	0.250	U	1.00	ug/L							
Iron	2.50	U	5.00	ug/L							
Lead	0.250	U	0.500	ug/L							
Nickel	0.500	U	1.00	ug/L							
Selenium	0.500	U	1.00	ug/L							
Silver	0.0500	U	0.100	ug/L							
Sodium	0.0500	U	0.100	mg/L							
Thallium	0.0500	U	0.100	ug/L							
Vanadium	0.500	U	1.00	ug/L							
Zinc	2.50	U	5.00	ug/L							

QUALITY CONTROL DATA

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

Batch 9I20010 - EPA 3005A - Continued

LCS (9I20010-BS1) Prepared: 09/20/2019 09:30 Analyzed: 09/20/2019 13:34

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	48.9		5.00	ug/L	50.0		98	80-120			
Arsenic	476		10.0	ug/L	500		95	80-120			
Barium	486		100	ug/L	500		97	80-120			
Beryllium	47.5		1.00	ug/L	50.0		95	80-120			
Cadmium	47.8		3.00	ug/L	50.0		96	80-120			
Chromium	501		10.0	ug/L	500		100	80-120			
Cobalt	502		10.0	ug/L	500		100	80-120			
Copper	489		10.0	ug/L	500		98	80-120			
Iron	998		50.0	ug/L	1000		100	80-120			
Lead	483		5.00	ug/L	500		97	80-120			
Nickel	493		10.0	ug/L	500		99	80-120			
Selenium	471		10.0	ug/L	500		94	80-120			
Silver	53.6		1.00	ug/L	50.0		107	80-120			
Sodium	25.0		1.00	mg/L	25.0		100	80-120			
Thallium	48.7		1.00	ug/L	50.0		97	80-120			
Vanadium	488		10.0	ug/L	500		98	80-120			
Zinc	464		50.0	ug/L	500		93	80-120			

Matrix Spike (9I20010-MS1) Prepared: 09/20/2019 09:30 Analyzed: 09/20/2019 13:46

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	48.9		5.00	ug/L	50.0	2.50 U	98	75-125			
Arsenic	471		10.0	ug/L	500	5.00 U	94	75-125			
Barium	498		100	ug/L	500	50.0 U	100	75-125			
Beryllium	48.2		1.00	ug/L	50.0	0.500 U	96	75-125			
Cadmium	47.6		3.00	ug/L	50.0	0.500 U	95	75-125			
Chromium	499		10.0	ug/L	500	5.00 U	100	75-125			
Cobalt	496		10.0	ug/L	500	5.00 U	99	75-125			
Copper	480		10.0	ug/L	500	2.50 U	96	75-125			
Iron	999		50.0	ug/L	1000	25.0 U	100	75-125			
Lead	486		5.00	ug/L	500	2.50 U	97	75-125			
Nickel	487		10.0	ug/L	500	5.00 U	97	75-125			
Selenium	464		10.0	ug/L	500	5.00 U	93	75-125			
Silver	53.1		1.00	ug/L	50.0	0.500 U	106	75-125			
Sodium	33.6		1.00	mg/L	25.0	7.87	103	75-125			
Thallium	48.5		1.00	ug/L	50.0	0.500 U	97	75-125			
Vanadium	489		10.0	ug/L	500	5.00 U	98	75-125			
Zinc	463		50.0	ug/L	500	25.0 U	93	75-125			

Matrix Spike Dup (9I20010-MSD1) Prepared: 09/20/2019 09:30 Analyzed: 09/20/2019 13:50

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	48.8		5.00	ug/L	50.0	2.50 U	98	75-125	0.2	20	
Arsenic	477		10.0	ug/L	500	5.00 U	95	75-125	1	20	
Barium	491		100	ug/L	500	50.0 U	98	75-125	1	20	
Beryllium	46.7		1.00	ug/L	50.0	0.500 U	93	75-125	3	20	
Cadmium	47.8		3.00	ug/L	50.0	0.500 U	96	75-125	0.3	20	
Chromium	502		10.0	ug/L	500	5.00 U	100	75-125	0.6	20	
Cobalt	505		10.0	ug/L	500	5.00 U	101	75-125	2	20	

QUALITY CONTROL DATA

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

Batch 9I20010 - EPA 3005A - Continued

Matrix Spike Dup (9I20010-MSD1) Continued Prepared: 09/20/2019 09:30 Analyzed: 09/20/2019 13:50

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Copper	487		10.0	ug/L	500	2.50 U	97	75-125	1	20	
Iron	1000		50.0	ug/L	1000	25.0 U	100	75-125	0.4	20	
Lead	486		5.00	ug/L	500	2.50 U	97	75-125	0.04	20	
Nickel	491		10.0	ug/L	500	5.00 U	98	75-125	0.8	20	
Selenium	469		10.0	ug/L	500	5.00 U	94	75-125	1	20	
Silver	53.5		1.00	ug/L	50.0	0.500 U	107	75-125	0.7	20	
Sodium	33.1		1.00	mg/L	25.0	7.87	101	75-125	2	20	
Thallium	48.5		1.00	ug/L	50.0	0.500 U	97	75-125	0.07	20	
Vanadium	486		10.0	ug/L	500	5.00 U	97	75-125	0.7	20	
Zinc	463		50.0	ug/L	500	25.0 U	93	75-125	0.02	20	

Classical Chemistry Parameters - Quality Control

Batch 9I19001 - NO PREP

Blank (9I19001-BLK1) Prepared: 09/19/2019 08:00 Analyzed: 09/19/2019 08:19

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							U

LCS (9I19001-BS1) Prepared: 09/19/2019 08:00 Analyzed: 09/19/2019 09:11

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	47		5.0	mg/L	50.0		93	90-110			
Nitrate as N	23		1.0	mg/L	25.0		93	90-110			

Matrix Spike (9I19001-MS1) Prepared: 09/19/2019 08:00 Analyzed: 09/19/2019 10:58

Source: AC06576-06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	62		5.0	mg/L	50.0	12	100	90-110			
Nitrate as N	30		1.0	mg/L	25.0	6.3	93	90-110			

Matrix Spike (9I19001-MS2) Prepared: 09/19/2019 11:33 Analyzed: 09/19/2019 14:07

Source: AC06161-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	55		5.0	mg/L	50.0	6.2	98	90-110			
Nitrate as N	24		1.0	mg/L	25.0	0.46	96	90-110			

Matrix Spike Dup (9I19001-MSD1) Prepared: 09/19/2019 08:00 Analyzed: 09/19/2019 11:13

Source: AC06576-06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	66		5.0	mg/L	50.0	12	106	90-110	5	10	
Nitrate as N	31		1.0	mg/L	25.0	6.3	98	90-110	4	10	

Matrix Spike Dup (9I19001-MSD2) Prepared: 09/19/2019 11:33 Analyzed: 09/19/2019 14:22

Source: AC06161-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9I19001 - NO PREP - Continued

Matrix Spike Dup (9I19001-MSD2) Continued Prepared: 09/19/2019 11:33 Analyzed: 09/19/2019 14:22

Source: AC06161-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	56		5.0	mg/L	50.0	6.2	100	90-110	1	10	
Nitrate as N	25		1.0	mg/L	25.0	0.46	97	90-110	1	10	

Batch 9I20011 - NO PREP

Blank (9I20011-BLK1) Prepared: 09/20/2019 11:30 Analyzed: 09/24/2019 09:25

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

LCS (9I20011-BS1) Prepared: 09/20/2019 11:30 Analyzed: 09/24/2019 09:25

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	1000		10	mg/L	1000		101	90-110			

Duplicate (9I20011-DUP1) Prepared: 09/20/2019 11:30 Analyzed: 09/24/2019 09:25

Source: AC05214-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	690		10	mg/L		580			18	20	

Batch 9I23020 - NO PREP

Blank (9I23020-BLK1) Prepared: 09/23/2019 12:30 Analyzed: 09/25/2019 09:20

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

LCS (9I23020-BS1) Prepared: 09/23/2019 12:30 Analyzed: 09/25/2019 09:20

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

Duplicate (9I23020-DUP1) Prepared: 09/23/2019 12:30 Analyzed: 09/25/2019 09:20

Source: AC05613-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	640		10	mg/L		640			0.6	20	

Batch 9I24011 - NO PREP

Blank (9I24011-BLK1) Prepared: 09/24/2019 08:41 Analyzed: 09/24/2019 10:33

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							U

LCS (9I24011-BS1) Prepared: 09/24/2019 08:41 Analyzed: 09/24/2019 10:35

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.95		0.020	mg/L	1.00		95	90-110			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9I24011 - NO PREP - Continued

Matrix Spike (9I24011-MS1) Prepared: 09/24/2019 08:41 Analyzed: 09/24/2019 10:55

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.82		0.020	mg/L	1.00	0.0098 U	82	90-110			QM-07

Matrix Spike (9I24011-MS2) Prepared: 09/24/2019 08:41 Analyzed: 09/24/2019 10:42

Source: AC06551-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.2		0.020	mg/L	1.00	0.40	77	90-110			QM-07

Matrix Spike Dup (9I24011-MSD1) Prepared: 09/24/2019 08:41 Analyzed: 09/24/2019 10:56

Source: AC06576-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.84		0.020	mg/L	1.00	0.0098 U	84	90-110	2	10	QM-07

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.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QM-19	The spike recovery was outside acceptance limits for the MS and/or MSD.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

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

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

www.encolabs.com

Client Name: Angelo's Recycled Materials (AN010)	Project Number: 87895
Address: 41111 Enterprise Road	Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
City/ST/Zip: Dade City, FL 33525	PO # / Billing Info:
Tel: (352) 521-3607 Fax:	Reporting Contact: Walker Wrenn
Sampler(s) Name, Affiliation (Print): Karen LaBeau Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature: Karen LaBeau	Site Location / Time Zone: FL/EST

Requested Analyses

8011	8260D Appendix 1 FL	Chloride 300,Nitrate as N 300,TDS SM2540C	Ammonia 350.1	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Na,Ni, Pb,Sb,Se,Tl,V,Zn					

Preservation (See Codes) (Combine as necessary)

I	IH	I	IS	N					

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due ___/___/___

Lab Workorder: ~~AC06162~~ AC06576 CW 9/9/19

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	IH	I	IS	N	Sample Comments
	MW-23B	9-17-19	1316	Grab	GW	8	2	3	1	1	1	
	MW-4	9-17-19	1343	Grab	GW	8	2	3	1	1	1	
	MW-4B	9-17-19	1414	Grab	GW	8	2	3	1	1	1	
	MW-5AR	9-17-19	1503	Grab	GW	8	2	3	1	1	1	
	MW-5BR	9-17-19	1537	Grab	GW	8	2	3	1	1	1	
	BW-1B	9-18-19	1051	Grab	GW	8	2	3	1	1	1	
	tripblank 3	-	-	Grab	O	2	-	2	-	-	-	Lab Supplied

<-- Total # of Containers

Sample Kit Prepared By: RMA	Date/Time: 9/4/19 1750	Relinquished By: RMA	Date/Time: 9/4/19 1750	Received By:	Date/Time: 9/6/19 1250		
Comments/Special Reporting Requirements		Relinquished By:	Date/Time: 9/18/19 1648	Received By:	Date/Time: 9/18/19 1648		
		Relinquished By:	Date/Time:	Received By:	Date/Time:		
		Cooler #'s & Temps on Receipt: 2A - 5273.3C		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)