ENTERPRISE CLASS III LANDFILL
AND RECYCLING FACILITY
FIRST 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

May 2019

C. WALKER WRENN
LICENSE
5/9/19
No. 2792
STATE OF
FLORIDA
PROFESSIONAL GEOLOGIST

C. Walker Wrenn
P.G. No. 2792

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May 9, 2019

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

RE: Compliance Monitoring Report – First Semiannual 2019
And 1st Quarter Landfill Gas Report
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 first 2019 (19S1) semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on March 25, 26 and 28, 2019. Attachment 5 includes the 2019, 1st Quarter Landfill Gas monitoring report per Section 2, Part E.4 of the facility permit. LFG was not detected above the maximum limit of 100% LEL in any of the gas monitoring wells. LFG was not detected in any of the recorded on-site structures.

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-3, 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-3, 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\19S1\Figures\19S1 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:	2019, 1ST Quarter Landfill Gas Data
Attachment 6:	Laboratory Reports

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.

5/9/19 (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)

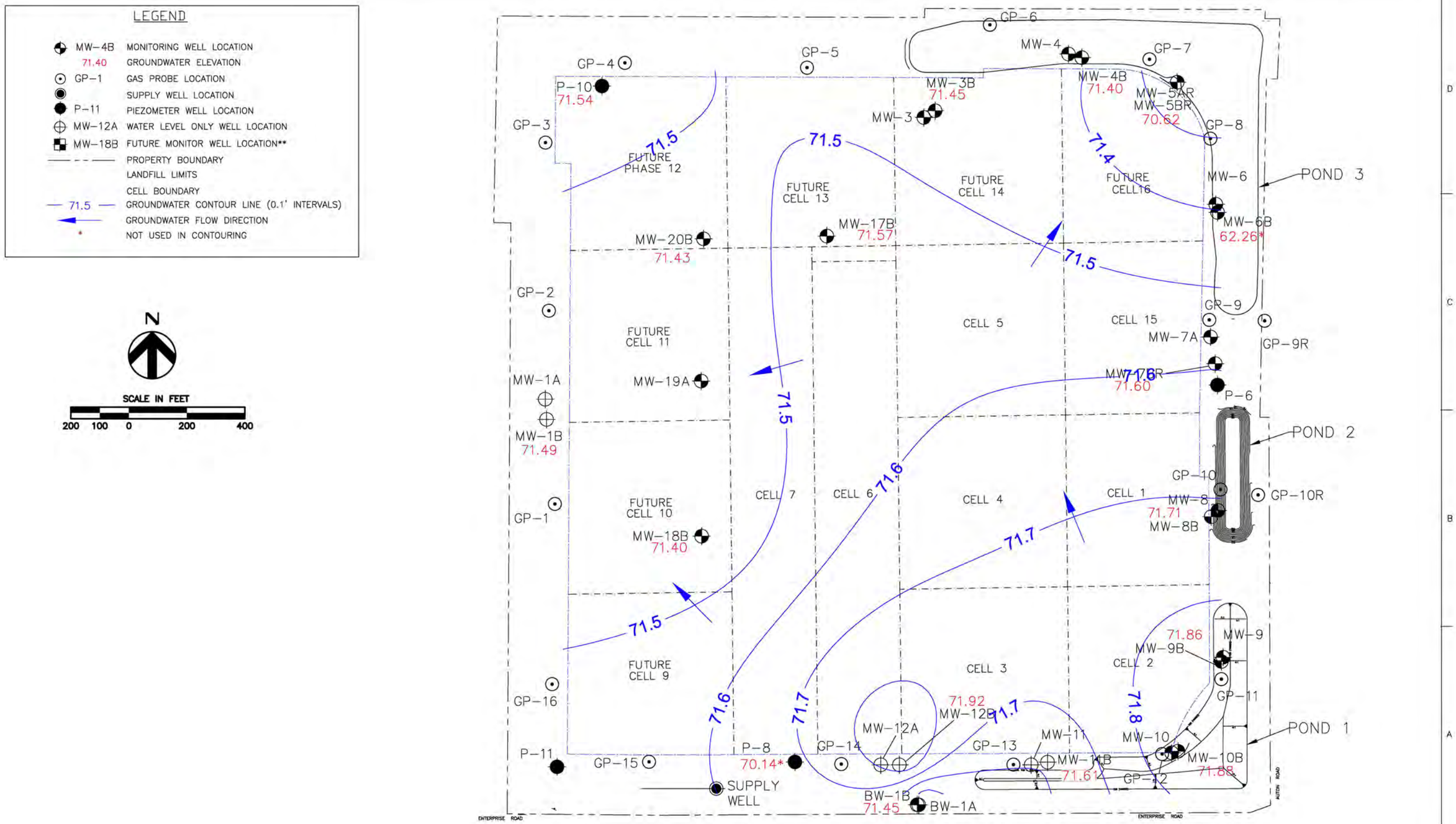
Attachment 1
Groundwater Elevation Data and Groundwater Contour Maps

GROUNDWATER ELEVATION DATA

Enterprise Class III Landfill and Recycling Facility
2019 - First 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	50.45	72.05	50.45	72.05
MW-1B	174.11	102.62	71.49	102.62	71.49
BW-1B	122.82	51.37	71.45	51.37	71.45
MW-3	85.39	13.95	71.44	13.95	71.44
MW-3B	84.80	13.35	71.45	13.35	71.45
MW-4	97.09	18.50	78.59	18.50	78.59
MW-4B	97.12	25.72	71.40	25.72	71.40
MW-5AR	94.91	18.21	76.70	18.21	76.70
MW-5BR	94.32	23.70	70.62	23.70	70.62
MW-6	88.65	26.17	62.48	26.17	62.48
MW-6B	89.10	26.84	62.26	26.84	62.26
MW-7A	100.72	28.95	71.77	28.95	71.77
MW-7BR	103.27	31.67	71.60	31.67	71.60
MW-8	100.10	35.35	64.75	35.35	64.75
MW-8B	108.52	36.81	71.71	36.81	71.71
MW-9	108.00	29.42	78.58	29.42	78.58
MW-9B	109.75	37.89	71.86	37.89	71.86
MW-10	111.62	37.25	74.37	37.25	74.37
MW-10B	110.00	38.12	71.88	38.12	71.88
MW-11	104.45	32.41	72.04	32.41	72.04
MW-11B	106.11	34.50	71.61	34.50	71.61
MW-12A	121.43	49.60	71.83	49.60	71.83
MW-12B	121.84	49.92	71.92	49.92	71.92
MW-17B	87.21	15.64	71.57	15.64	71.57
MW-18B	152.58	81.18	71.40	81.18	71.40
MW-19A	146.88	57.81	89.07	57.81	89.07
MW-20B	126.86	55.43	71.43	55.43	71.43
P-6	94.16	31.41	62.75	31.41	62.75
P-8	133.94	63.80	70.14	63.80	70.14
P-10	132.60	61.06	71.54	61.06	71.54
P-11	150.76	50.79	99.97	50.79	99.97
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



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

March 25, 2019

FILENAME

SCALE

SHEET

LEGEND

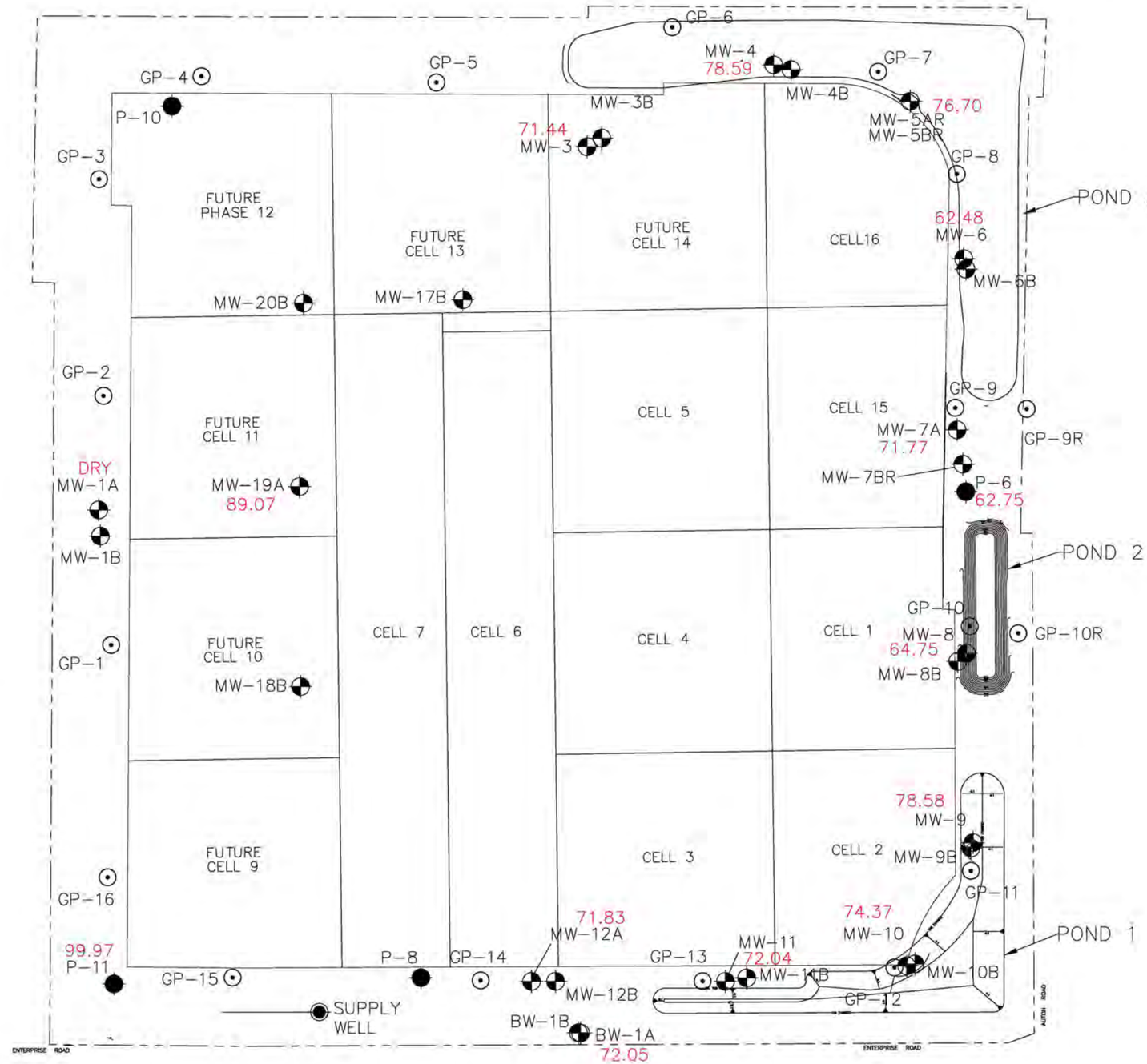
MW-4	MONITORING WELL LOCATION
78.59	GROUNDWATER ELEVATION
GP-1	GAS PROBE LOCATION
	SUPPLY WELL LOCATION
P-11	PIEZOMETER WELL LOCATION
	PROPERTY BOUNDARY
	LANDFILL LIMITS
	CELL BOUNDARY

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



Locklear & Associates

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ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

SURFICIAL AQUIFER
GROUNDWATER ELEVATIONS

March 25, 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 - First Semiannual Compliance Monitoring Sampling Results

PARAMETER	COLLECTION	pH (FIELD)	NITRATE as N	IRON
STANDARD	DATE	6.5-8.5 s.u.**	10 mg/L*	300 µg/L**
UNITS	M/D/Y	S.U.	mg/L	µg/L
Background				
BW-1B	3/28/2019	6.91	-	-
Detection				
MW-3B	3/28/2019	7.18	-	-
MW-4B	3/26/2019	7.3	-	-
Duplicate	3/26/2019	-	-	-
MW-5AR	3/28/2019	-	-	4360
MW-5BR	3/28/2019	6.89	-	-
MW-6	3/26/2019	-	16	-
MW-6B	3/26/2019	7.39	-	-
MW-7A	3/26/2019	-	-	7280
MW-7BR	3/26/2019	7.45	-	-
MW-8B	3/25/2019	6.71	-	5650
MW-9B	3/25/2019	6.91	-	-
MW-10B	3/25/2019	6.52	-	-
MW-17B	3/28/2019	6.76	-	-
MW-18B	3/25/2019	6.77	-	-
MW-19A	3/25/2019	-	17	-
MW-20B	3/25/2019	7.53	-	-
Other, Water Supply				
Supply well	3/28/2019	7.09	-	-
QAQC				
EQUBLK	3/26/2019	NM	-	-
TRIP 1	3/25/2019	NM	NM	NM
TRIP 2	3/25/2019	NM	NM	NM
TRIP 3	3/28/2019	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 - First Semiannual Compliance Monitoring Sampling Results

PARAMETER		CONDUCTIVITY	DISSOLVED OXYGEN	pH (FIELD)	TEMPERATURE	TURBIDITY (FIELD)	AMMONIA as NITROGEN	CHLORIDE
STANDARD	COLLECTION	1	1	6.5-8.5 s.u.**	1	1	1	250 mg/L**
UNITS	DATE	umhos/cm	mg/L	S.U.	deg C	NTU	mg/L	mg/L
Background								
BW-1B	3/28/2019	273.7	7.6	6.91	24.1	0.7	<0.0098	17
Detection								
MW-3B	3/28/2019	408.4	0.87	7.18	24	0.2	<0.0098	6.5
MW-4B	3/26/2019	337.9	2.59	7.3	24.1	0.2	<0.0098	4.1 I
Duplicate	3/26/2019	-	-	-	-	-	-	4.1 I
MW-5AR	3/28/2019	169.9	0.08	5.26	24.2	4.5	0.015 I	16
MW-5BR	3/28/2019	336.8	2.13	6.89	24.1	1	<0.0098	4.2 I
MW-6	3/26/2019	221.9	1.73	4.61	26.7	8.8	0.019 I	12
MW-6B	3/26/2019	318.4	1.81	7.39	24.6	0.4	<0.0098	3.8 I
MW-7A	3/26/2019	275.3	0.12	5.25	26.5	16.8	0.16	8.7
MW-7BR	3/26/2019	314.7	0.93	7.45	25	4.9	<0.0098	4.4 I
MW-8B	3/25/2019	664	1.99	6.71	27.4	0.4	1.3	16
MW-9B	3/25/2019	559	0.94	6.91	27.1	1	<0.0098	7
MW-10B	3/25/2019	380	0.03	6.52	26.3	0.4	<0.0098	8.1
MW-17B	3/28/2019	640	2.83	6.76	23.7	2.53	<0.0098	8.1
MW-18B	3/25/2019	660	0.35	6.77	26.7	5.7	0.082	12
MW-19A	3/25/2019	540	3.31	4.78	25.4	5	<0.0098	110
MW-20B	3/25/2019	322.7	5.61	7.53	25.6	18.8	<0.0098	12
Other, Water Supply								
Supply well	3/28/2019	454.3	0.15	7.09	24.3	0.4	0.086	11

LEGEND

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1 = No Standard
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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 - First Semiannual Compliance Monitoring Sampling Results

PARAMETER	NITRATE as N	TDS	BARIUM	CADMIUM	CHROMIUM	COBALT	IRON	MERCURY
STANDARD	10 mg/L*	500 mg/L**	2000 µg/L*	5 µg/L*	100 µg/L*	140µg/L***	300 µg/L**	2 µg/L*
UNITS	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background								
BW-1B	5.5	180	<50.0	<0.500	<5.00	<5.00	<25.0	<0.0230
Detection								
MW-3B	0.54 I	230	<50.0	<0.500	<5.00	<5.00	<25.0	<0.0230
MW-4B	0.44 I	210	<50.0	<0.500	<5.00	<5.00	<25.0	<0.0230
Duplicate	0.43 I	210	<50.0	<0.500	<5.00	<5.00	<25.0	<0.0230
MW-5AR	<0.052	130	<50.0	<0.500	<5.00	<5.00	4360	<0.0230
MW-5BR	0.62 I	190	<50.0	<0.500	<5.00	<5.00	<25.0	<0.0230
MW-6	16	190	<50.0	<0.500	<5.00	<5.00	236	<0.0230
MW-6B	0.81 I	210	<50.0	<0.500	<5.00	<5.00	<25.0	<0.0230
MW-7A	<0.052	180	<50.0	<0.500	<5.00	<5.00	7280	0.0271 I
MW-7BR	0.81 I	190	<50.0	<0.500	<5.00	<5.00	45.4 I	<0.0230
MW-8B	<0.052	370	100	<0.500	<5.00	<5.00	5650	<0.0230
MW-9B	3.8	310	<50.0	<0.500	<5.00	<5.00	27.4 I	<0.0230
MW-10B	2	240	<50.0	<0.500	<5.00	<5.00	<25.0	0.294
MW-17B	2	370	<50.0	<0.500	<5.00	<5.00	<25.0	0.941
MW-18B	0.25 I	390	<50.0	<0.500	<5.00	<5.00	82.1	<0.0230
MW-19A	17	350	<50.0	1.15 I	<5.00	15.1	90.7	<0.0230
MW-20B	3	210	<50.0	<0.500	6.86 I	<5.00	232	<0.0230
Other, Water Supply								
Supply well	1.8	270	<50.0	<0.500	<5.00	<5.00	<25.0	<0.0230

LEGEND

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1 = No Standard
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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 - First Semiannual Compliance Monitoring Sampling Results

PARAMETER	NICKEL	SODIUM	VANADIUM
STANDARD	100 µg/L*	160 mg/L*	49 µg/L***
UNITS	µg/L	mg/L	µg/L
Background			
BW-1B	<5.00	7.71	<5.00
Detection			
MW-3B	<5.00	5.12	<5.00
MW-4B	<5.00	4.31	<5.00
Duplicate	<5.00	4.18	<5.00
MW-5AR	<5.00	9.11	<5.00
MW-5BR	<5.00	3.61	<5.00
MW-6	<5.00	12.1	<5.00
MW-6B	<5.00	3.93	<5.00
MW-7A	<5.00	10.1	<5.00
MW-7BR	<5.00	3.93	6.30 I
MW-8B	5.25 I	12.6	<5.00
MW-9B	<5.00	8.44	<5.00
MW-10B	<5.00	6.45	<5.00
MW-17B	<5.00	7.36	<5.00
MW-18B	<5.00	7.91	<5.00
MW-19A	6.74 I	16	<5.00
MW-20B	<5.00	6.84	<5.00
Other, Water Supply			
Supply well	<5.00	6.85	<5.00

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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: 03/25/19

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): 50.45	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):	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			
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 turbidity and draw historically
ORP= No 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: **BW-1B**	WACS_WELL:	DATE: 03/28/19

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): 51.37	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 – 51.37 feet) X .16 gallons/foot = 9.14 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): 53.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 53.00	PURGING INITIATED AT: 0836	PURGING ENDED AT: 0908	TOTAL VOLUME PURGED (gallons): 19.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0852	9.60	9.60	.60	52.47	6.63	24.2	243.1	7.50	1.30	none	none
0856	2.40	12.00	.60	52.47	6.71	24.2	250.8	7.52	1.20	↓	↓
0900	2.40	14.40	.60	52.47	6.82	24.2	266.0	7.54	1.00	↓	↓
0904	2.40	16.80	.60	52.47	6.88	24.1	270.4	7.56	.90	↓	↓
0908	2.40	19.20	.60	52.47	6.91	24.1	273.7	7.60	.70	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0908	SAMPLING ENDED AT: 0906
PUMP OR TUBING DEPTH IN WELL (feet): 53.00	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			
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= +259.2

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-3**	WACS_WELL: **19571**	DATE: 03/28/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .170	WELL SCREEN INTERVAL DEPTH: 9.50 feet to 14.50 feet	STATIC DEPTH TO WATER (feet): 13.95	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)
= (14.45 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):	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-3	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	PP	≈ 100
MW-3	1	PE	250 mL	HNO_3	None		Metals	PP	≈
MW-3	1	PE	250 mL	H_2SO_4	None		Ammonia (350.1)	PP	≈
MW-3	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈
MW-3	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100

REMARKS: Not enough water to sustain flow
ORP= DRY WELL NO 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-3B**	WACS_WELL: **21964**	DATE: 03/28/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 28.75 feet to 43.75 feet	STATIC DEPTH TO WATER (feet): 13.35	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 – 13.35 feet) X .16 gallons/foot = 4.86 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): 14.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.50	PURGING INITIATED AT: 1039	PURGING ENDED AT: 1052	TOTAL VOLUME PURGED (gallons): 9.75

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)
1046	5.25	5.25	.75	13.35	7.19	24.0	407.8	.97	.20	none	none
1049	2.25	7.50	.75	13.35	7.18	24.0	408.3	.90	.20	↓	↓
1052	2.25	9.75	.75	13.35	7.19	24.0	408.4	.87	.20	↓	↓

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): [signature]	SAMPLING INITIATED AT: 1052	SAMPLING ENDED AT: 1058
PUMP OR TUBING DEPTH IN WELL (feet): 14.50	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			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-3B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-3B	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1135
MW-3B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-3B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-3B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Slowed Pump to Sample
ORP= +136.1

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: 3/26/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 3[illegible].50 feet to 2[illegible].50 feet	STATIC DEPTH TO WATER (feet): 18.50	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)
= (23.42 feet – 18.48 feet) X .16 gallons/foot = .78 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 25.00 feet) + .032 gallons = .18 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.00	PURGING INITIATED AT: 1207	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)
			.07								
			.07								

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): [signature]	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
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)	Stainless ESP	≈ 100
MW-4	1	PE	250 mL	HNO_3	None		Metals	Stainless ESP	≈
MW-4	1	PE	250 mL	H_2SO_4	None		Ammonia (350.1)	Stainless ESP	≈
MW-4	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈
MW-4	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: well purged dry at lowest achievable flow rate measured TD=23.41
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-4B**	WACS_WELL: **21965**	DATE: 3/26/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 40.50 feet to 50.50 feet	STATIC DEPTH TO WATER (feet): 25.72	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 – 25.72 feet) X .16 gallons/foot = 4.68 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): 27.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.00	PURGING INITIATED AT: 1114	PURGING ENDED AT: 1124	TOTAL VOLUME PURGED (gallons): 12.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1118	5.00	5.00	1.25	25.76	7.24	24.1	334.3	2.74	.40	none	none
1121	3.75	8.75	1.25	25.76	7.29	24.1	336.8	2.60	.30	↓	↓
1124	3.75	12.50	1.25	25.76	7.30	24.1	337.9	2.59	.20	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1124	SAMPLING ENDED AT: 1134
PUMP OR TUBING DEPTH IN WELL (feet): 27.00	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-4B	~~3~~ 6	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-4B	1 2	PE	250 mL	HNO_3	None	<2 / <2	Metals	Stainless ESP	≈ 1135
MW-4B	1 2	PE	250 mL	H_2SO_4	None	<2 / <2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-4B	1 2	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-4B	2 4	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100
						same day			

REMARKS:
ORP= +119.6
54.95 measured total depth

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: 03/28/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 18.21	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)
= (25.18 feet – 18.21 feet) X .16 gallons/foot = 1.12 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.50	PURGING INITIATED AT: 0926	PURGING ENDED AT: 0948	TOTAL VOLUME PURGED (gallons): 1.54

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)
0942	1.12	1.12	.07	21.38	5.29	24.1	175.4	.09	8.10	none	none
0945	.21	1.33	.07	21.70	5.27	24.1	170.8	.08	6.10	↓	↓
0948	.21	1.54	.07	22.07	5.26	24.2	169.9	.08	4.50	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0948	SAMPLING ENDED AT: 0956
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-5AR	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Srainless ESP	≈ 100
MW-5AR	1	PE	250 mL	HNO_3	None	<2	Metals	Srainless ESP	≈ 265
MW-5AR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Srainless ESP	≈ 265
MW-5AR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Srainless ESP	≈ 265
MW-5AR	2	CG	40 mL	4° C	None	Not Req'd	8011	Srainless ESP	≈ 100

REMARKS: DTW @ sample end 22.08

ORP= +39.7

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-5BR**	WACS_WELL: 30179	DATE: 03/28/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 23 feet to 63 feet	STATIC DEPTH TO WATER (feet): 23.70	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 – 23.70 feet) X 16 gallons/foot = 6.39 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: 1000	PURGING ENDED AT: 1022	TOTAL VOLUME PURGED (gallons): 8.80

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)
1016	6.40	6.40	.40	23.75	6.83	24.2	330.0	2.13	2.00	none	none
1019	1.20	7.60	.40	23.75	6.88	24.1	335.7	2.14	1.80	↓	↓
1022	1.20	8.80	.40	23.75	6.89	24.1	336.8	2.13	1.00	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1022	SAMPLING ENDED AT: 1028
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-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	≈ 1135
MW-5BR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-5BR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-5BR	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Slowed pump to sample
ORP= +146.0

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-6**	WACS_WELL: **19575**	DATE: 03/26/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 20 feet to 40 feet	STATIC DEPTH TO WATER (feet): 26.17	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 – 26.17 feet) X .16 gallons/foot = 2.20 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): 31.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.00	PURGING INITIATED AT: 1357	PURGING ENDED AT: 14.05	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)
1405	.56	.56	.07	28.95	4.61	26.7	221.9	1.73	8.80	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):	SAMPLING INITIATED AT: 1405	SAMPLING ENDED AT: 1413
PUMP OR TUBING DEPTH IN WELL (feet): 31.00	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-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	≈ 378
MW-6	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 378
MW-6	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 378
MW-6	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Utilized purge dry method DTW 30.70 @ Sample end
ORP= +333.7 Metals Sample Collected First NTU @ Sample end 12.40

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: 3/26/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 47 feet to 67 feet	STATIC DEPTH TO WATER (feet): 26.84	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 – 26.84 feet) X .16 gallons/foot = 6.40 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): 28.00	PURGING INITIATED AT: 1310	PURGING ENDED AT: 1344	TOTAL VOLUME PURGED (gallons): 10.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1332	6.60	6.60	.30	26.85	7.39	24.7	317.4	1.82	.70	none	none
1338	1.80	8.40	.30	26.85	7.39	24.8	318.3	1.80	.80	↓	↓
1344	1.80	10.20	.30	26.85	7.39	24.6	318.4	1.81	.40	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1344	SAMPLING ENDED AT: 1350
PUMP OR TUBING DEPTH IN WELL (feet): 28.00	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-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:

ORP= + 129.8

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: 3/26/19

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): 28.95	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)
= (45.80 feet – 28.95 feet) X .16 gallons/foot = 2.69 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): 39.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.00	PURGING INITIATED AT: 1008	PURGING ENDED AT: 1039	TOTAL VOLUME PURGED (gallons): 3.10

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)
1035	2.70	2.70	.10	34.95	5.22	26.4	266.6	.13	7.70	orange	none
1037	.20	2.90	.10	35.10	5.24	26.5	271.8	.12	10.30	↓	↓
1039	.20	3.10	.10	35.31	5.25	26.5	275.3	.12	16.80	↓	↓

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): [signature]	SAMPLING INITIATED AT: 1039	SAMPLING ENDED AT: 1047
PUMP OR TUBING DEPTH IN WELL (feet): 39.00	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-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	≈ 378
MW-7A	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 378
MW-7A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 378
MW-7A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: NTU 6.30 @ metals DTW @ Sample End 36.03
ORP= +105.7

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-7BR**	WACS_WELL: **22592**	DATE: 3/26/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 46 feet to 61 feet	STATIC DEPTH TO WATER (feet): 31.67	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)
= (61.00 feet – 31.67 feet) X .16 gallons/foot = 4.69 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): 32.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.50	PURGING INITIATED AT: 0927	PURGING ENDED AT: 0951	TOTAL VOLUME PURGED (gallons): 7.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0943	4.80	4.80	.30	31.75	7.46	24.9	314.3	.96	13.80	none	none
0947	1.20	6.00	.30	31.75	7.45	25.0	314.6	.93	7.70	↓	↓
0951	1.20	7.20	.30	31.75	7.45	25.0	314.7	.93	4.90	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0951	SAMPLING ENDED AT: 0957
PUMP OR TUBING DEPTH IN WELL (feet): 32.50	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-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	≈ 1135
MW-7BR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-7BR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-7BR	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= +128.0

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-8**	WACS_WELL: **19578**	DATE: 03/25/19

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): 35.35	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):	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-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=
Dry well No 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-8B**	WACS_WELL: **21323**	DATE: 03/25/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 42 feet to 57 feet	STATIC DEPTH TO WATER (feet): 36.81	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 – 36.81 feet) X .16 gallons/foot = 3.23 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: 1607	PURGING ENDED AT: 1620	TOTAL VOLUME PURGED (gallons): 6.50

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)
1614	3.50	3.50	.50	36.82	6.70	27.2	674	2.15	.60	None	None
1617	1.50	5.00	.50	36.82	6.71	27.3	667	2.00	.40	None	None
1620	1.50	6.50	.50	36.82	6.71	27.4	664	1.99	.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):	SAMPLING INITIATED AT: 1620	SAMPLING ENDED AT: 1625
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)			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-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= – 123.7

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-9**	WACS_WELL: **19579**	DATE: 03/25/19

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): 29.42	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):	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-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=
No 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-9B**	WACS_WELL: **21324**	DATE: 03/25/19

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): 37.89	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 – 37.89 feet) X .16 gallons/foot = 1.76 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.00	PURGING INITIATED AT: 1540	PURGING ENDED AT: 1551	TOTAL VOLUME PURGED (gallons): 4.95

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)
1545	2.25	2.25	.45	38.08	6.85	27.1	585	.48	3.90	None	None
1548	1.35	3.60	.45	38.08	6.89	27.0	567	.89	2.00	None	None
1551	1.35	4.95	.45	38.08	6.91	27.1	559	.94	1.00	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):	SAMPLING INITIATED AT: 1551	SAMPLING ENDED AT: 1556
PUMP OR TUBING DEPTH IN WELL (feet): 39.00	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-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	≈ 1135
MW-9B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-9B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-9B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: slowed pump to sample
ORP= + 184.2

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: 03/25/19

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): 37.25	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)
= (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):	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=
Dry well No 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-10B**	WACS_WELL: **21325**	DATE: 3/25/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	STATIC DEPTH TO WATER (feet): 38.12	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)
= (61.90 feet – 38.12 feet) X .16 gallons/foot = 3.80 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): 39.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.50	PURGING INITIATED AT: 1514	PURGING ENDED AT: 1525	TOTAL VOLUME PURGED (gallons): 11.00

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)
1519	5.00	5.00	1.00	38.30	6.40	26.3	365.6	.03	.80	None	None
1522	3.00	8.00	1.00	38.30	6.45	26.3	370.7	.03	.30	None	None
1525	3.00	11.00	1.00	38.30	6.52	26.3	380.0	.03	.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):	SAMPLING INITIATED AT: 1525	SAMPLING ENDED AT: 1530
PUMP OR TUBING DEPTH IN WELL (feet): 39.50	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-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= + 117.0

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-17B**	WACS_WELL: 28684	DATE: 03/28/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 60.60 feet to 80.60 feet	STATIC DEPTH TO WATER (feet): 15.64	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)
= (80.60 feet – 15.64 feet) X .16 gallons/foot = 10.39 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): 16.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.50	PURGING INITIATED AT: 1103	PURGING ENDED AT: 1116	TOTAL VOLUME PURGED (gallons): 19.50

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)
1110	10.50	10.50	1.50	15.95	6.71	23.7	669	2.68	11.80	none	none
1113	4.50	15.00	1.50	15.95	6.73	23.7	652	2.85	4.80	↓	↓
1116	4.50	19.50	1.50	15.95	6.76	23.7	640	2.83	2.53	↓	↓

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): [signature]	SAMPLING INITIATED AT: 1116	SAMPLING ENDED AT: 1122
PUMP OR TUBING DEPTH IN WELL (feet): 16.50	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-17B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-17B	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1135
MW-17B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-17B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-17B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Slowed pump to sample
ORP= +194.8

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: 03/25/19

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): 81.18	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 – 81.18 feet) X .16 gallons/foot = 4.37 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): 82.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 82.50	PURGING INITIATED AT: 1206	PURGING ENDED AT: 1235	TOTAL VOLUME PURGED (gallons): 8.70

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)
1227	6.30	6.30	.30	81.20	6.72	26.4	664	.24	14.80	None	None
1231	1.20	7.50	.30	81.20	6.74	26.4	664	.23	7.80	None	None
1235	1.20	8.70	.30	81.20	6.77	26.7	660	.35	5.70	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):	SAMPLING INITIATED AT: 1235	SAMPLING ENDED AT: 1239
PUMP OR TUBING DEPTH IN WELL (feet): 82.50	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-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: purge water begins Cloudy >1,000 Ntu
ORP= -10.4

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-19A**	WACS_WELL: 28987	DATE: 03/25/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 74 feet to 94 feet	STATIC DEPTH TO WATER (feet): 57.81	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 – 57.81 feet) X .16 gallons/foot = 6.60 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): 59.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 59.00	PURGING INITIATED AT: 1253	PURGING ENDED AT: 1334	TOTAL VOLUME PURGED (gallons): 10.25

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)
1320	6.75	6.75	.25	58.19	4.76	25.4	540	3.34	7.80	none	none
1327	1.75	8.50	.25	58.19	4.77	25.4	541	3.28	9.90	none	none
1334	1.75	10.25	.25	58.19	4.78	25.4	540	3.31	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):	SAMPLING INITIATED AT: 1334	SAMPLING ENDED AT: 1340
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	≈ 946
MW-19A	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 946
MW-19A	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 946
MW-19A	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= +127.4

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-20B**	WACS_WELL: 28990	DATE: 03/25/19

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): 55.43	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 – 55.43 feet) X .16 gallons/foot = 2.79 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 56.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 56.50	PURGING INITIATED AT: 1356	PURGING ENDED AT: 1451	TOTAL VOLUME PURGED (gallons): 11.00

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)
1443	9.40	9.40	20	55.45	7.53	26.1	322.8	5.46	27.60	None	None
1447	.80	10.20	.20	55.45	7.53	26.1	323.1	5.45	24.20	None	None
1451	.80	11.00	.20	55.45	7.53	25.6	322.7	5.61	18.80	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):	SAMPLING INITIATED AT: 1451	SAMPLING ENDED AT: 1457
PUMP OR TUBING DEPTH IN WELL (feet): 56.50	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-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	≈ 757
MW-20B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 757
MW-20B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 757
MW-20B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: purge begins Cloudy, light yellow and >1,000 Ntu
ORP= +199.7

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: **SUPPLY WELL (SW)**	WACS_WELL: **21326**	DATE: 3/28/19

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: 1305	PURGING ENDED AT: 1406	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)
1400	6.00	6.00	2.00	In	7.07	24.4	456.1	.16	.50	none	none
1403	6.00	12.00	2.00	Place	7.08	24.4	455.3	.16	.30	↓	↓
1406	6.00	18.00	2.00	Plumbing	7.09	24.3	454.3	.15	.40	↓	↓

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1406	SAMPLING ENDED AT: 1412
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 Say 4
ORP= 156.1

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

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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: 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): Louis Cordero Ideal Tech Services Inc	Billing Contact: John Arnold
Sampler(s) Signature:	Site Location / Time Zone: FL/EST

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

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC01643

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	H	N	S	I	I					Sample Comments
	MW-18B	3-25-19	1239	Grab	GW	8	x	x	x	x	x	x					
	MW-19A	3-25-19	1340	Grab	GW	8	x	x	x	x	x	x					
	MW-20B	3-25-19	1457	Grab	GW	8	x	x	x	x	x	x					
	MW-10B	3-25-19	1530	Grab	GW	8	x	x	x	x	x	x					
	MW-9B	3-25-19	1556	Grab	GW	8	x	x	x	x	x	x					
	MW-8B	3-25-19	1625	Grab	GW	8	x	x	x	x	x	x					
	MW-7BR	3-26-19	0957	Grab	GW	8	x	x	x	x	x	x					
	MW-7A	3-26-19	1047	Grab	GW	8	x	x	x	x	x	x					
	MW-4B	3-26-19	1134	Grab	GW	8	x	x	x	x	x	x					
	Duplicate	3-26-19	1134	Grab	GW	8	x	x	x	x	x	x					
	Equipment Blank	3-26-19	1140	Grab	GW	8	x	x	x	x	x	x					
	Trip Blank 2	3-14-19	—	Grab	—	2	-	x	-	-	-	-					

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
ECG	03/14/19 12:00	[signature]	03/14/19 12:00	[signature]	3-18-19 1400
Comments/Special Reporting Requirements		Relinquished By: [signature]	Date/Time: 3/26/19 1021	Received By: Derek Cancline	Date/Time: 3/26/19 1021
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: client cooler 0.4°C, Lg-507 0.3°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

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

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

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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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(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): Louis Cordero Ideal Tech Services Inc	Billing Contact: John Arnold
Sampler(s) Signature:	Site Location / Time Zone: FL / EST

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC01643

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

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8011 (I)	8260D (H)	Metals (N)	Ammonia (S)	Chloride (I)	TDS (I)					Sample Comments
	MW-6B	3/26/19	1350	Grab	GW	8	X	X	X	X	X	X					
	MW-6	3/26/19	1413	Grab	GW	8	X	X	X	X	X	X					
	Trip Blank 1	3/14/19	—	Grab	-	2	-	X	—	—	—	—					

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
ECG	03/14/19 12:00	[signature]	03/14/19 12:00	[signature]	3/18/19 1400
Comments/Special Reporting Requirements		Relinquished By: [signature]	Date/Time: 3/26/19 1621	Received By: [signature]	Date/Time: 3/26/19 1681
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: Client cooler 0.4°C ; Ig-507 0.3°C

Condition Upon Receipt: X Acceptable ___ Unacceptable

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

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

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(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 LARSON & 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): Louis Conterito Tidal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature:	Site Location / Time Zone: FL/EST

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC01643

Requested Analyses / Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8011 (I)	8260D Appendix 1 FL (H)	Ag,As,Ba,Be,Ca,Co,Cr,Cu,Fe,Na,Ni,Hg,Pb,Sb,Se,Tl,V,Zn (N)	Ammonia 350.1 (S)	Chloride 300,Nitrate as N 300 (I)	TDS SM2540C (I)					Sample Comments
	BW-1B	3-28-19	0916	Grab	GW	8	x	x	x	x	x	x					
	MW-5AR	3-28-19	0956	Grab	GW	8	x	x	x	x	x	x					
	MW-5BR	3-28-19	1028	Grab	GW	8	x	x	x	x	x	x					
	MW-3B	3-28-19	1058	Grab	GW	8	x	x	x	x	x	x					
	MW-17B	3-28-19	1122	Grab	GW	8	x	x	x	x	x	x					
	Supply Well	3-28-19	1112	Grab	GW	8	x	x	x	x	x	x					
	trip blank #3	—	—	Grab	O	~~8~~ 2 (3-28-19)	—	x	—	—	—	—					O=Lab Supplied

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 03/14/19 12:00	Relinquished By:	Date/Time: 03/14/19 12:00	Received By:	Date/Time: 3-18-19 1400
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 3/29/19 0925	Received By: Kota Manal	Date/Time: 3/29/19 9:25
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler #'s & Temps on Receipt: LS-456 0.1°		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

CALIBRATION LOG

ITS Work Order Number: ARM-EL-51-032519

CLIENT: Angelo's Recycled Materials
ADDRESS: 41111 Enterprise Road
CITY, STATE: Dade City, FL 33525-1539
INITIAL CAL DATE @ TIME: 3/25/19 @ 0815

Site: Enterprice Class III Landfill
CCV CALIBRATION DATE @ TIME: 3/26/19 @ 0620

YSI Multi Parameter Meter: YSI-556 ITS #2 YSI-PRO+ ITS #4

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

STANDARD Standard Units	METER READING INITIAL	ICV (± 0.2 SU)	CCV (± 0.2 SU)	LOT NUMBER	EXP DATE
4.005	4.00	4.00	4.00	CC546363	Feb-20
7.000	7.02	7.00	7.00	CC571404	Apr-20
10.012	10.02	10.02	10.00	CC537296	Dec-19
Liquid Temp °C	19.4	19.5	20.0	Standards prepared by USA Blue Book	

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

Initial Calibration and CCV Daily for D.O. Date: 3/25/19

STANDARD (mg/L)	METER READING INITIAL	CCV (± 0.3 mg/L)	LOT NUMBER	EXPIRATION DATE
Barometer mm/Hg	762.7	759.9	No CCV Limit	
0.00	.05	.03	8GE557	May-19
Ambient Air Temperature				
19.4 °C	9.23			
24.2 °C		8.43		

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

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

STANDARD (mV)	METER READING INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
200	200	201	8GH059	May-19
400	400	402	8GE1163	May-19

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

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

STANDARD µmhos/cm	METER READING INITIAL	CCV (± 5%)	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	8GC218	Mar-19
2,764	2764	2,761	8GH1049	Aug-19
84	86	85	8GI675	Sep-19

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

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

STANDARD °C ERTCO Thermometer ± .5 °C		YSI METER TEMP READING °C LOW	HIGH	METER NUMBER	DATE PERFORMED (Quarterly)
LOW	5.90	5.90		ITS YSI #2	02/26/19
HIGH	29.30		29.32	ITS YSI #2	02/26/19
LOW	5.90	5.90		ITS YSI #4	02/26/19
HIGH	31.10		31.10	ITS YSI #4	02/26/19

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

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

HF SCIENTIFIC DRT-15CE TURBIDITY METER - MODEL # 19057 DRT - 15CE
Per DEP-SOP-001/01 FT 1600 ITSNTU # 1 ITSNTU # 2

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

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 80516 EXP: May / 2020

HACH POCKET COLORIMETER II S/N 06070D052733

STANDARD ID	BLANK	1	2	3
MFGR VALUE mg/L	0.00	.21	0.90	1.61
VERIFIED VALUE mg/L	0.00	0.22	0.92	1.60
CCV METER mg/L (± 10%)	NM	NM	NM	NM

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

Remarks:

Weather Conditions: 75-80°F Partly Sunny

Equipment Blank with D.I. water

Zephyrhills brand Lot #012319023WF2331204

Exp Date 07/31/20

Equipment Blank Data - Collected @ none collected

pH = – Cond = –

Temp = – D.O. = –

Turbidity = –

Notes: **NA** - Not Applicable, **NM** - Not Measured, **ICV** - Initial Calibration Verification, **CCV** - Continuing Calibration Verification Form Rev 7.00 02/26/19: Update form format, added IR Thermometer Cal Statement Check YSI Temp.

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

COPY TO: John Arnold, P.E

SIGNED:

Chris Monaco or Louis Contento

CALIBRATION LOG

ITS Work Order Number: ARM-EL-51-032619

CLIENT: Angelo's Recycled Materials
ADDRESS: 41111 Enterprise Road
CITY, STATE: Dade City, FL 33525-1539
INITIAL CAL DATE @ TIME: 3/26/19 @ 0815

Site: Enterprice Class III Landfill
CCV CALIBRATION DATE @ TIME: 3/26/19 @ 1900

YSI Multi Parameter Meter: YSI-556 ITS #2 YSI-PRO+ ITS #4

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

STANDARD Standard Units	METER READING INITIAL	ICV (± 0.2 SU)	CCV (± 0.2 SU)	LOT NUMBER	EXP DATE
4.005	4.00	4.00	4.02	CC546363	Feb-20
7.000	7.02	7.00	7.02	CC571404	Apr-20
10.012	10.02	10.02	10.00	CC537296	Dec-19
Liquid Temp °C	19.4	19.5	20.40	Standards prepared by USA Blue Book	

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

Initial Calibration and CCV Daily for D.O. Date: 3/26/19

STANDARD (mg/L)	METER READING INITIAL	CCV (± 0.3 mg/L)	LOT NUMBER	EXPIRATION DATE
Barometer mm/Hg	759.4	760.9	No CCV Limit	
0.00	.04	.04	8GE557	May-19
Ambient Air Temperature				
20.6 °C	9.07			
22.4 °C		8.63		

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

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

STANDARD (mV)	METER READING INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
200	200	200	8GH059	May-19
400	400	400	8GE1163	May-19

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

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

STANDARD µmhos/cm	METER READING INITIAL	CCV (± 5%)	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	8GC218	Mar-19
2,764	2,764	2,769	8GH1049	Aug-19
84	86	86	8GI675	Sep-19

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

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

STANDARD °C ERTCO Thermometer ± .5 °C		YSI METER TEMP READING °C LOW	HIGH	METER NUMBER	DATE PERFORMED (Quarterly)
LOW	5.90	5.90		ITS YSI #2	02/26/19
HIGH	29.30		29.32	ITS YSI #2	02/26/19
LOW	5.90	5.90		ITS YSI #4	02/26/19
HIGH	31.10		31.10	ITS YSI #4	02/26/19

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

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

HF SCIENTIFIC DRT-15CE TURBIDITY METER - MODEL # 19057 DRT - 15CE
Per DEP-SOP-001/01 FT 1600 ITSNTU # 1 ITSNTU # 2

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

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 80516 EXP: May / 2020

HACH POCKET COLORIMETER II S/N 06070D052733

STANDARD ID	BLANK	1	2	3
MFGR VALUE mg/L	0.00	.21	0.90	1.61
VERIFIED VALUE mg/L	0.00	0.22	0.92	1.60
CCV METER mg/L (± 10%)	NM	NM	NM	NM

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

Remarks:

Weather Conditions: Clear Sunny N/W Wind 10-15mph

Equipment Blank with D.I. water

Zephyrhills brand Lot #012319023WF2331204

Exp Date 07/31/20

Equipment Blank Data - Collected @ 1140 3/26/19

pH = — Cond = —

Temp = — D.O. = —

Turbidity = —

Notes: **NA** - Not Applicable, **NM** - Not Measured, **ICV** - Initial Calibration Verification, **CCV** - Continuing Calibration Verification. Form Rev 7.00 02/26/19: Update form format, added IR Thermometer Cal Statement Check YSI Temp.

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

COPY TO: John Arnold, P.E.

SIGNED: Chris Monaco or Louis Contento

CALIBRATION LOG

ITS Work Order Number: ARM-EL-51-032819

CLIENT: Angelo's Recycled Materials
ADDRESS: 41111 Enterprise Road
CITY, STATE: Dade City, FL 33525-1539
INITIAL CAL DATE @ TIME: 3/28/19 @ 0645

Site: Enterprice Class III Landfill
CCV CALIBRATION DATE @ TIME: 3/28/19 @ 1615

YSI Multi Parameter Meter: YSI-556 ITS #2 (YSI-PRO+ ITS #4)

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

STANDARD Standard Units	METER READING INITIAL	ICV (± 0.2 SU)	CCV (± 0.2 SU)	LOT NUMBER	EXP DATE
4.005	4.00	4.00	4.06	CC546363	Feb-20
7.000	7.00	7.00	7.01	CC571404	Apr-20
10.012	10.01	10.00	9.95	CC537296	Dec-19
Liquid Temp °C	19.3	19.4	24.2	Standards prepared by USA Blue Book	

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

Initial Calibration and CCV Daily for D.O. Date: 3/28/19

STANDARD (mg/L)	METER READING INITIAL	CCV (± 0.3 mg/L)	LOT NUMBER	EXPIRATION DATE
Barometer mm/Hg	765.2	764.8	No CCV Limit	
0.00	.04	.04	8GE557	May-19
Ambient Air Temperature	3/28/19			
18.6 °C	109.40			
22.6 °C		8.60		

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

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

STANDARD (mV)	METER READING INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
200	200	200	8GH059	May-19
400	400	400	8GE1163	May-19

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

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

STANDARD µmhos/cm	METER READING INITIAL	CCV (± 5%)	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	8GC218	Mar-19
2,764	2,764	2747	8GH1049	Aug-19
84	85	89	8GI675	Sep-19

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

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

STANDARD °C ERTCO Thermometer ± .5 °C		YSI METER TEMP READING °C LOW	HIGH	METER NUMBER	DATE PERFORMED (Quarterly)
LOW	5.90	5.90		ITS YSI #2	02/26/19
HIGH	29.30		29.32	ITS YSI #2	02/26/19
LOW	5.90	5.90		ITS YSI #4	02/26/19
HIGH	31.10		31.10	ITS YSI #4	02/26/19

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

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

HF SCIENTIFIC DRT-15CE TURBIDITY METER - MODEL # 19057 DRT - 15CE
Per DEP-SOP-001/01 FT 1600 (ITSNTU # 1) ITSNTU # 2

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

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 80516 EXP: May / 2020

HACH POCKET COLORIMETER II S/N 06070D052733

STANDARD ID	BLANK	1	2	3
MFGR VALUE mg/L	0.00	.21	0.90	1.61
VERIFIED VALUE mg/L	0.00	0.22	0.92	1.60
CCV METER mg/L (± 10%)	NM	NM	NM	NM

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

Remarks:

Weather Conditions: Very windy Sunny 70°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #012319023WF2331204

Exp Date 07/31/20

Equipment Blank Data - Collected @ 1210

pH = — Cond = —

Temp = — D.O. = —

Turbidity = —

Notes: **NA** - Not Applicable, **NM** - Not Measured, **ICV** - Initial Calibration Verification, **CCV** - Continuing Calibration Verification. Form Rev 7.00 02/26/19: Update form format, added IR Thermometer Cal Statement Check YSI Temp.

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

COPY TO: John Arnold, P.E.

SIGNED: Chris Monaco or Louis Contento

GROUNDWATER ELEVATION DATA ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY 2019 FIRST SEMIANNUAL

Date of Measurement: 03/25/19

WELL NAME	TOP OF CASING	CONTOUR MAP	
		DEPT TO WATER	GROUNDWATER ELEVATION
	(NGVD,FT)	(FT)	(NGVD,FT)
BW-1A	122.50	50.45	72.05
BW-1B	122.82	51.20	71.62
MW-1A	173.77	DRY	
MW-1B	174.11	102.62	71.49
MW-3	85.39	13.75	71.64
MW-3B	84.80	13.13	71.67
MW-4	100.59	18.48	82.11
MW-4B	100.87	25.68	75.19
MW-5AR	94.91	18.20	76.71
MW-5BR	94.32	23.52	70.80
MW-6	88.65	26.15	62.50
MW-6B	89.10	26.80	62.30
MW-7A	100.72	28.90	71.82
MW-7BR	103.27	31.61	71.66
MW-8	100.10	35.35	64.75
MW-8B	108.52	36.81	71.71
MW-9	108.00	29.42	78.58
MW-9B	109.75	37.89	71.86
MW-10	111.62	37.25	74.37
MW-10B	110.00	38.12	71.88
MW-11	104.45	32.41	72.04
MW-11B	106.11	34.50	71.61
MW-12A	121.43	49.60	71.83
MW-12B	121.84	49.92	71.92
MW-17B	87.21	15.45	71.76
MW-18B	152.58	81.18	71.40
MW-19A	146.88	57.81	89.07
MW-20B	126.86	55.43	71.43
IW-1	94.23	13.83	80.40
IW-2	94.92	20.23	74.69
IW-3	97.93	24.92	73.01
P-6	94.16	31.41	62.75
P-8	133.94	63.80	70.14
P-10	132.60	61.06	71.54
P-11	150.76	50.79	99.97

NGVD = National Geodetic Vertical Datum
NS = Not Sampled
NM= Not Measured
NA = Not Available

Attachment 5
2019, 1st Quarter Landfill Gas Data

Mr. John Arnold, P.E.
Angelo's Recycled Materials
41111 Enterprise Road
Dade City, Fl 33525-1539

March 25, 2019

Subject Site: Enterprise Class III Landfill and Recycling Facility (Angelo's Recycled Materials) First Quarter 2019 LEL Data

Dear Mr. Arnold,

Ideal Tech services, Inc. (ITS) is pleased to present the following notes pertaining to the site of Enterprise Class III Landfill and Recycling Facility (Angelo's Recycled Materials). The first quarterly landfill gas monitoring event of 2019 was performed on 03/25/2019.

03/25/19 Monday:
ITS personnel C. Monaco completed calibration of the gas meter and entered the site to begin landfill gas monitoring. On this day, all Landfill Gas wells and the Scale House were measured for % LEL as required by the permit. The results of the measurements are presented in the table located in Attachment A. The instrument calibration was performed at the site and the calibration record for the instrument is included in Attachment B.
ITS personnel logged offsite.

Please don't hesitate to contact us with any questions you may have about the enclosed documents.

Respectfully submitted,

Christopher J. Monaco
Ideal Tech Services, Inc.

Enc: Attachment A, LANDFILL GAS MEASUREMENTS
Attachment B, EQUIPMENT CALIBRATION LOG

P.O. BOX 772016
Ocala, Florida 34477
Telephone: (352) 502-3407
Email: Idealtechservices@earthlink.net
Web Site: http://www.groundwatersamplepro.com

Attachment A

LANDFILL GAS MEASUREMENTS

LANDFILL GAS READINGS ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY FIRST QUARTER 2019

LOCATION	% LEL	REMARKS
GP-1	-	not installed at this time
GP-2	-	not installed at this time
GP-3	-	not installed at this time
GP-4	-	not installed at this time
GP-5	-	not installed at this time
GP-6R	0%	
GP-7R	0%	
GP-8R	0%	
GP-9R	0%	
GP-10R	0%	
GP-11	5%	
GP-12A	0%	
GP-13A	0%	
GP-14	4%	
GP-15	0%	
GP-16	-	not installed at this time
SCALE HOUSE	0%	staff occupied structure
		Date of measurement 03/25/19

Attachment B

EQUIPMENT CALIBRATION LOGS

LANDFILL GAS CALIBRATION RECORD
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY FIRST QUARTERLY 2019

IDEAL TECH SERVICES, INC. W.O.# ARM-EL-51 BW Technologies Model: GasAlert Max XT II, Serial # MA212-42142		
Date: 3/25/19	START	END
20 % LEL	20%	20%
Zero Air	0.0 %	0.0%
Ambient Background	0 %	0%
Within Limits Yes or No		yes
PRINTED NAME OF PERSON WHO PERFORMED CALIBRATION	SIGNATURE OF PERSON WHO PERFORMED CALIBRATION	
Chris Monaco		
Calibration gases prepared by Pine Environmental. Zero Air = Lot Number BBH-1-2 EXP 01/20/2021, 20% LEL Methane Lot Number BBH-135A-1-9 EXP 01/20/2021		

Attachment 6
Laboratory Reports

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

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

Wednesday, April 3, 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): AC01643

Dear Walker Wrenn,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, March 26, 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,

Carlene S. Pasipanki

Carlene S Pasipanki

Project Manager

Enclosure(s)

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-18B | **Lab ID: AC01643-01** | **Sampled: 03/25/19 12:39** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/27/19	12:39			03/26/19	13:41	03/27/19 03:59
EPA 300.0	NA	04/22/19				03/26/19	13:41	03/27/19 03:59
EPA 350.1	Same	04/22/19				04/01/19	08:31	04/01/19 11:36
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/01/19 12:03
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/02/19 10:16
EPA 7470A	EPA 7470A	04/22/19				03/27/19	11:59	03/28/19 10:12
EPA 8011	EPA 504/8011	04/08/19				03/27/19	10:36	03/27/19 16:19
EPA 8260D	EPA 5030B_MS	04/08/19				03/27/19	14:00	03/28/19 01:57
Field	NO PREP	03/25/19	12:53			03/25/19	12:39	03/25/19 12:39
Field	NO PREP	03/26/19	12:39	03/26/19	12:39	03/25/19	12:39	03/25/19 12:39
Field	NO PREP	03/27/19	12:39			03/25/19	12:39	03/25/19 12:39
SM 2540C-2011	NO PREP	04/01/19				03/28/19	16:22	03/29/19 21:42

Client ID: MW-19A | **Lab ID: AC01643-02** | **Sampled: 03/25/19 13:40** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/27/19	13:40			03/26/19	13:41	03/27/19 04:14
EPA 350.1	Same	04/22/19				04/01/19	08:31	04/01/19 11:38
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/01/19 11:22
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/02/19 10:04
EPA 7470A	EPA 7470A	04/22/19				03/27/19	11:59	03/28/19 10:15
EPA 8011	EPA 504/8011	04/08/19				03/27/19	10:36	03/27/19 16:34
EPA 8260D	EPA 5030B_MS	04/08/19				03/27/19	14:00	03/28/19 02:27
Field	NO PREP	03/25/19	13:54			03/25/19	13:40	03/25/19 13:40
Field	NO PREP	03/26/19	13:40	03/26/19	13:40	03/25/19	13:40	03/25/19 13:40
Field	NO PREP	03/27/19	13:40			03/25/19	13:40	03/25/19 13:40
SM 2540C-2011	NO PREP	04/01/19				03/28/19	16:22	03/29/19 21:42

Client ID: MW-19A | **Lab ID: AC01643-02RE1** | **Sampled: 03/25/19 13:40** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	04/22/19		03/26/19	13:41	03/27/19 18:37

Client ID: MW-20B | **Lab ID: AC01643-03** | **Sampled: 03/25/19 14:57** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/27/19	14:57			03/26/19	13:41	03/27/19 03:28
EPA 300.0	NA	04/22/19				03/26/19	13:41	03/27/19 03:28
EPA 350.1	Same	04/22/19				04/01/19	08:31	04/01/19 11:39
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/01/19 12:07
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/02/19 10:31
EPA 7470A	EPA 7470A	04/22/19				03/27/19	11:59	03/28/19 10:18
EPA 8011	EPA 504/8011	04/08/19				03/27/19	10:36	03/27/19 16:50
EPA 8260D	EPA 5030B_MS	04/08/19				03/27/19	14:00	03/28/19 02:57
Field	NO PREP	03/25/19	15:11			03/25/19	14:57	03/25/19 14:57
Field	NO PREP	03/26/19	14:57	03/26/19	14:57	03/25/19	14:57	03/25/19 14:57
Field	NO PREP	03/27/19	14:57			03/25/19	14:57	03/25/19 14:57
SM 2540C-2011	NO PREP	04/01/19				03/28/19	16:22	03/29/19 21:42

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-10B | **Lab ID: AC01643-04** | **Sampled: 03/25/19 15:30** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/27/19	15:30			03/26/19	13:41	03/27/19 04:30
EPA 300.0	NA	04/22/19				03/26/19	13:41	03/27/19 04:30
EPA 350.1	Same	04/22/19				04/01/19	08:31	04/01/19 11:41
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/01/19 12:10
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/02/19 10:33
EPA 7470A	EPA 7470A	04/22/19				03/27/19	11:59	03/28/19 10:21
EPA 8011	EPA 504/8011	04/08/19				03/27/19	10:36	03/27/19 17:22
EPA 8260D	EPA 5030B_MS	04/08/19				03/28/19	00:00	03/28/19 20:21
Field	NO PREP	03/25/19	15:44			03/25/19	15:30	03/25/19 15:30
Field	NO PREP	03/26/19	15:30	03/26/19	15:30	03/25/19	15:30	03/25/19 15:30
Field	NO PREP	03/27/19	15:30			03/25/19	15:30	03/25/19 15:30
SM 2540C-2011	NO PREP	04/01/19				03/28/19	16:22	03/29/19 21:42

Client ID: MW-9B | **Lab ID: AC01643-05** | **Sampled: 03/25/19 15:56** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/27/19	15:56			03/26/19	13:41	03/27/19 04:45
EPA 300.0	NA	04/22/19				03/26/19	13:41	03/27/19 04:45
EPA 350.1	Same	04/22/19				04/01/19	08:31	04/01/19 11:42
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/01/19 12:14
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/02/19 10:36
EPA 7470A	EPA 7470A	04/22/19				03/27/19	11:59	03/28/19 10:24
EPA 8011	EPA 504/8011	04/08/19				03/27/19	10:36	03/27/19 17:37
EPA 8260D	EPA 5030B_MS	04/08/19				03/28/19	00:00	03/28/19 20:51
Field	NO PREP	03/25/19	16:10			03/25/19	15:56	03/25/19 15:56
Field	NO PREP	03/26/19	15:56	03/26/19	15:56	03/25/19	15:56	03/25/19 15:56
Field	NO PREP	03/27/19	15:56			03/25/19	15:56	03/25/19 15:56
SM 2540C-2011	NO PREP	04/01/19				03/28/19	16:22	03/29/19 21:42

Client ID: MW-8B | **Lab ID: AC01643-06** | **Sampled: 03/25/19 16:25** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/27/19	16:25			03/26/19	13:41	03/27/19 05:32
EPA 300.0	NA	04/22/19				03/26/19	13:41	03/27/19 05:32
EPA 350.1	Same	04/22/19				04/01/19	08:31	04/01/19 11:45
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/01/19 12:17
EPA 6020B	EPA 3005A	09/21/19				03/28/19	13:04	04/02/19 10:38
EPA 7470A	EPA 7470A	04/22/19				03/27/19	11:59	03/28/19 10:27
EPA 8011	EPA 504/8011	04/08/19				03/27/19	10:36	03/27/19 17:52
EPA 8260D	EPA 5030B_MS	04/08/19				03/29/19	00:00	03/29/19 11:52
Field	NO PREP	03/25/19	16:39			03/25/19	16:25	03/25/19 16:25
Field	NO PREP	03/26/19	16:25	03/26/19	16:25	03/25/19	16:25	03/25/19 16:25
Field	NO PREP	03/27/19	16:25			03/25/19	16:25	03/25/19 16:25
SM 2540C-2011	NO PREP	04/01/19				03/28/19	16:22	03/29/19 21:42

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-7BR | **Lab ID: AC01643-07** | **Sampled: 03/26/19 09:57** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/28/19	09:57			03/27/19	03:00	03/27/19 11:30
EPA 300.0	NA	04/23/19				03/27/19	03:00	03/27/19 11:30
EPA 350.1	Same	04/23/19				04/01/19	08:31	04/01/19 11:46
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/01/19 12:21
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/02/19 10:40
EPA 7470A	EPA 7470A	04/23/19				03/29/19	11:58	03/31/19 17:27
EPA 8011	EPA 504/8011	04/09/19				03/27/19	10:36	03/27/19 18:08
EPA 8260D	EPA 5030B_MS	04/09/19				03/29/19	00:00	03/29/19 12:22
Field	NO PREP	03/26/19	10:11			03/26/19	09:57	03/26/19 09:57
Field	NO PREP	03/27/19	09:57	03/27/19	09:57	03/26/19	09:57	03/26/19 09:57
Field	NO PREP	03/28/19	09:57			03/26/19	09:57	03/26/19 09:57
SM 2540C-2011	NO PREP	04/02/19				03/28/19	16:22	03/29/19 21:42

Client ID: MW-7A | **Lab ID: AC01643-08** | **Sampled: 03/26/19 10:47** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/28/19	10:47			03/27/19	03:00	03/27/19 11:15
EPA 300.0	NA	04/23/19				03/27/19	03:00	03/27/19 11:15
EPA 350.1	Same	04/23/19				04/01/19	08:31	04/01/19 11:48
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/01/19 12:24
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/02/19 10:43
EPA 7470A	EPA 7470A	04/23/19				03/29/19	11:58	03/31/19 17:30
EPA 8011	EPA 504/8011	04/09/19				03/27/19	10:36	03/27/19 18:23
EPA 8260D	EPA 5030B_MS	04/09/19				03/29/19	00:00	03/29/19 12:51
Field	NO PREP	03/26/19	11:01			03/26/19	10:47	03/26/19 10:47
Field	NO PREP	03/27/19	10:47	03/27/19	10:47	03/26/19	10:47	03/26/19 10:47
Field	NO PREP	03/28/19	10:47			03/26/19	10:47	03/26/19 10:47
SM 2540C-2011	NO PREP	04/02/19				03/28/19	16:22	03/29/19 21:42

Client ID: MW-4B | **Lab ID: AC01643-09** | **Sampled: 03/26/19 11:34** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/28/19	11:34			03/27/19	03:00	03/27/19 11:46
EPA 300.0	NA	04/23/19				03/27/19	03:00	03/27/19 11:46
EPA 350.1	Same	04/23/19				04/01/19	08:31	04/01/19 12:02
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/01/19 12:28
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/02/19 10:45
EPA 7470A	EPA 7470A	04/23/19				03/29/19	11:58	03/31/19 17:36
EPA 8011	EPA 504/8011	04/09/19				03/27/19	10:36	03/27/19 18:38
EPA 8260D	EPA 5030B_MS	04/09/19				03/29/19	00:00	03/29/19 14:21
Field	NO PREP	03/26/19	11:48			03/26/19	11:34	03/26/19 11:34
Field	NO PREP	03/27/19	11:34	03/27/19	11:34	03/26/19	11:34	03/26/19 11:34
Field	NO PREP	03/28/19	11:34			03/26/19	11:34	03/26/19 11:34
SM 2540C-2011	NO PREP	04/02/19				03/28/19	16:22	03/29/19 21:42

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: DUPLICATE | **Lab ID: AC01643-10** | **Sampled: 03/26/19 11:34** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/28/19	11:34			03/27/19	03:00	03/27/19 12:01
EPA 300.0	NA	04/23/19				03/27/19	03:00	03/27/19 12:01
EPA 350.1	Same	04/23/19				04/01/19	08:31	04/01/19 12:03
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/01/19 12:31
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/02/19 10:47
EPA 7470A	EPA 7470A	04/23/19				03/29/19	11:58	03/31/19 17:39
EPA 8011	EPA 504/8011	04/09/19				03/27/19	10:36	03/27/19 18:54
EPA 8260D	EPA 5030B_MS	04/09/19				03/29/19	00:00	03/29/19 14:51
SM 2540C-2011	NO PREP	04/02/19				03/28/19	16:22	03/29/19 21:42

Client ID: EQUIPMENT BLANK | **Lab ID: AC01643-11** | **Sampled: 03/26/19 11:40** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/28/19	11:40			03/27/19	03:00	03/27/19 13:04
EPA 300.0	NA	04/23/19				03/27/19	03:00	03/27/19 13:04
EPA 350.1	Same	04/23/19				04/01/19	08:31	04/01/19 12:04
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/01/19 11:44
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/02/19 10:21
EPA 7470A	EPA 7470A	04/23/19				03/29/19	11:58	03/31/19 17:33
EPA 8011	EPA 504/8011	04/09/19				03/27/19	10:36	03/27/19 19:09
EPA 8260D	EPA 5030B_MS	04/09/19				03/29/19	00:00	03/29/19 15:21
SM 2540C-2011	NO PREP	04/02/19				03/28/19	16:22	03/29/19 21:42

Client ID: TRIP BLANK 2 | **Lab ID: AC01643-12** | **Sampled: 03/25/19 00:00** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260D	EPA 5030B_MS	04/08/19				03/29/19	00:00	03/29/19 15:50

Client ID: MW-6B | **Lab ID: AC01643-13** | **Sampled: 03/26/19 13:50** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/28/19	13:50			03/27/19	03:00	03/27/19 12:17
EPA 300.0	NA	04/23/19				03/27/19	03:00	03/27/19 12:17
EPA 350.1	Same	04/23/19				04/01/19	08:31	04/01/19 12:05
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/01/19 12:53
EPA 7470A	EPA 7470A	04/23/19				03/29/19	11:58	03/31/19 17:42
EPA 8011	EPA 504/8011	04/09/19				03/27/19	10:36	03/27/19 19:24
EPA 8260D	EPA 5030B_MS	04/09/19				03/29/19	00:00	03/29/19 16:20
Field	NO PREP	03/26/19	14:04			03/26/19	13:50	03/26/19 13:50
Field	NO PREP	03/27/19	13:50	03/27/19	13:50	03/26/19	13:50	03/26/19 13:50
Field	NO PREP	03/28/19	13:50			03/26/19	13:50	03/26/19 13:50
SM 2540C-2011	NO PREP	04/02/19				03/28/19	16:22	03/29/19 21:42

Client ID: MW-6B | **Lab ID: AC01643-13RE1** | **Sampled: 03/26/19 13:50** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020B	EPA 3005A	09/22/19		03/28/19	13:04	04/02/19 11:10

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-6 | **Lab ID: AC01643-14** | **Sampled: 03/26/19 14:13** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/28/19	14:13			03/27/19	03:00	03/27/19 13:19
EPA 300.0	NA	04/23/19				03/27/19	03:00	03/27/19 13:19
EPA 350.1	Same	04/23/19				04/01/19	08:31	04/01/19 12:06
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/01/19 12:57
EPA 6020B	EPA 3005A	09/22/19				03/28/19	13:04	04/02/19 10:52
EPA 7470A	EPA 7470A	04/23/19				03/29/19	11:58	03/31/19 17:45
EPA 8011	EPA 504/8011	04/09/19				03/27/19	10:36	03/27/19 19:39
EPA 8260D	EPA 5030B_MS	04/09/19				03/29/19	00:00	03/29/19 16:50
Field	NO PREP	03/26/19	14:27			03/26/19	14:13	03/26/19 14:13
Field	NO PREP	03/27/19	14:13	03/27/19	14:13	03/26/19	14:13	03/26/19 14:13
Field	NO PREP	03/28/19	14:13			03/26/19	14:13	03/26/19 14:13
SM 2540C-2011	NO PREP	04/02/19				03/28/19	16:22	03/29/19 21:42

Client ID: TRIP BLANK 1 | **Lab ID: AC01643-15** | **Sampled: 03/25/19 00:00** | **Received: 03/26/19 16:21**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260D	EPA 5030B_MS	04/08/19	03/29/19 00:00	03/29/19 17:20

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SAMPLE DETECTION SUMMARY

Client ID: MW-18B **Lab ID: AC01643-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.082		0.0098	0.020	mg/L	EPA 350.1	QM-07
Chloride	12		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	81.18				Ft	Field	
Dissolved Oxygen	0.35		0	0	mg/L	Field	
Iron - Total	82.1		25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	0.25	I	0.052	1.0	mg/L	EPA 300.0	J
pH	6.77				pH Units	Field	
Sodium - Total	7.91		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	660		0	0	umhos/cm	Field	
Temperature	26.7		0	0	°C	Field	
Total Dissolved Solids	390		10	10	mg/L	SM 2540C-2011	
Turbidity	5.7		0	0	NTU	Field	
Water Elevation	71.71				Ft	Field	

Client ID: MW-19A **Lab ID: AC01643-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Cadmium - Total	1.15	I	0.500	3.00	ug/L	EPA 6020B	
Cobalt - Total	15.1		5.00	10.0	ug/L	EPA 6020B	
Depth to Water	57.81				Ft	Field	
Dissolved Oxygen	3.31		0	0	mg/L	Field	
Iron - Total	90.7		25.0	50.0	ug/L	EPA 6020B	
Nickel - Total	6.74	I	5.00	10.0	ug/L	EPA 6020B	
Nitrate as N	17		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	127.4		-999	-999	mV	Field	
pH	4.78				pH Units	Field	
Sodium - Total	16.0		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	540		0	0	umhos/cm	Field	
Temperature	25.4		0	0	°C	Field	
Total Dissolved Solids	350		10	10	mg/L	SM 2540C-2011	
Turbidity	5		0	0	NTU	Field	
Water Elevation	89.07				Ft	Field	

Client ID: MW-19A **Lab ID: AC01643-02RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	110		0.58	10	mg/L	EPA 300.0	

Client ID: MW-20B **Lab ID: AC01643-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	12		0.29	5.0	mg/L	EPA 300.0	
Chromium - Total	6.86	I	5.00	10.0	ug/L	EPA 6020B	
Depth to Water	55.43				Ft	Field	
Dissolved Oxygen	5.61		0	0	mg/L	Field	
Iron - Total	232		25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	3.0		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	199.7		-999	-999	mV	Field	
pH	7.53				pH Units	Field	
Sodium - Total	6.84		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	322.7		0	0	umhos/cm	Field	
Temperature	25.6		0	0	°C	Field	
Total Dissolved Solids	210		10	10	mg/L	SM 2540C-2011	
Turbidity	18.8		0	0	NTU	Field	
Water Elevation	71.43				Ft	Field	

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SAMPLE DETECTION SUMMARY

Client ID: MW-10B **Lab ID: AC01643-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	8.1		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	38.12				Ft	Field	
Dissolved Oxygen	0.03		0	0	mg/L	Field	
Mercury - Total	0.294		0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	2.0		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	117		-999	-999	mV	Field	
pH	6.52				pH Units	Field	
Sodium - Total	6.45		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	380		0	0	umhos/cm	Field	
Temperature	26.3		0	0	°C	Field	
Total Dissolved Solids	240		10	10	mg/L	SM 2540C-2011	
Turbidity	0.4		0	0	NTU	Field	
Water Elevation	71.88				Ft	Field	

Client ID: MW-9B **Lab ID: AC01643-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	7.0		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	37.89				Ft	Field	
Dissolved Oxygen	0.94		0	0	mg/L	Field	
Iron - Total	27.4	I	25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	3.8		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	184.2		-999	-999	mV	Field	
pH	6.91				pH Units	Field	
Sodium - Total	8.44		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	559		0	0	umhos/cm	Field	
Temperature	27.1		0	0	°C	Field	
Total Dissolved Solids	310		10	10	mg/L	SM 2540C-2011	
Turbidity	1		0	0	NTU	Field	
Water Elevation	71.86				Ft	Field	

Client ID: MW-8B **Lab ID: AC01643-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.3		0.0098	0.020	mg/L	EPA 350.1	
Barium - Total	100		50.0	100	ug/L	EPA 6020B	
Chloride	16		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	36.81				Ft	Field	
Dissolved Oxygen	1.99		0	0	mg/L	Field	
Iron - Total	5650		125	250	ug/L	EPA 6020B	
Nickel - Total	5.25	I	5.00	10.0	ug/L	EPA 6020B	
pH	6.71				pH Units	Field	
Sodium - Total	12.6		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	664		0	0	umhos/cm	Field	
Temperature	27.4		0	0	°C	Field	
Total Dissolved Solids	370		10	10	mg/L	SM 2540C-2011	
Turbidity	0.4		0	0	NTU	Field	
Water Elevation	71.71				Ft	Field	

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SAMPLE DETECTION SUMMARY

Client ID: MW-7BR **Lab ID: AC01643-07**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.4	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	31.61				Ft	Field	
Dissolved Oxygen	0.93		0	0	mg/L	Field	
Iron - Total	45.4	I	25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	0.81	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	128		-999	-999	mV	Field	
pH	7.45				pH Units	Field	
Sodium - Total	3.93		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	314.7		0	0	umhos/cm	Field	
Temperature	25		0	0	°C	Field	
Total Dissolved Solids	190		10	10	mg/L	SM 2540C-2011	
Turbidity	4.9		0	0	NTU	Field	
Vanadium - Total	6.30	I	5.00	10.0	ug/L	EPA 6020B	
Water Elevation	71.66				Ft	Field	

Client ID: MW-7A **Lab ID: AC01643-08**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.16		0.0098	0.020	mg/L	EPA 350.1	
Chloride	8.7		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	28.9				Ft	Field	
Dissolved Oxygen	0.12		0	0	mg/L	Field	
Iron - Total	7280		250	500	ug/L	EPA 6020B	
Mercury - Total	0.0271	I	0.0230	0.200	ug/L	EPA 7470A	
Oxidation/Reduction Potential	105.7		-999	-999	mV	Field	
pH	5.25				pH Units	Field	
Sodium - Total	10.1		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	275.3		0	0	umhos/cm	Field	
Temperature	26.5		0	0	°C	Field	
Total Dissolved Solids	180		10	10	mg/L	SM 2540C-2011	
Turbidity	16.8		0	0	NTU	Field	
Water Elevation	71.82				Ft	Field	

Client ID: MW-4B **Lab ID: AC01643-09**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.1	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	25.68				Ft	Field	
Dissolved Oxygen	2.59		0	0	mg/L	Field	
Nitrate as N	0.44	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	119.6		-999	-999	mV	Field	
pH	7.3				pH Units	Field	
Sodium - Total	4.31		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	337.9		0	0	umhos/cm	Field	
Temperature	24.1		0	0	°C	Field	
Total Dissolved Solids	210		10	10	mg/L	SM 2540C-2011	
Turbidity	0.2		0	0	NTU	Field	
Water Elevation	75.19				Ft	Field	

Client ID: DUPLICATE **Lab ID: AC01643-10**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.1	I	0.29	5.0	mg/L	EPA 300.0	
Nitrate as N	0.43	I	0.052	1.0	mg/L	EPA 300.0	J
Sodium - Total	4.18		0.320	1.00	mg/L	EPA 6020B	
Total Dissolved Solids	210		10	10	mg/L	SM 2540C-2011	

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SAMPLE DETECTION SUMMARY

Client ID: MW-6B **Lab ID: AC01643-13**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.8	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	26.8				Ft	Field	
Dissolved Oxygen	1.81		0	0	mg/L	Field	
Nitrate as N	0.81	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	129.8		-999	-999	mV	Field	
pH	7.39				pH Units	Field	
Sodium - Total	3.93		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	318.4		0	0	umhos/cm	Field	
Temperature	24.6		0	0	°C	Field	
Total Dissolved Solids	210		10	10	mg/L	SM 2540C-2011	
Turbidity	0.4		0	0	NTU	Field	
Water Elevation	62.3				Ft	Field	

Client ID: MW-6 **Lab ID: AC01643-14**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.019	I	0.0098	0.020	mg/L	EPA 350.1	J
Chloride	12		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	26.15				Ft	Field	
Dissolved Oxygen	1.73		0	0	mg/L	Field	
Iron - Total	236		25.0	50.0	ug/L	EPA 6020B	
Nitrate as N	16		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	333.7		-999	-999	mV	Field	
pH	4.61				pH Units	Field	
Sodium - Total	12.1		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	221.9		0	0	umhos/cm	Field	
Temperature	26.7		0	0	°C	Field	
Total Dissolved Solids	190		10	10	mg/L	SM 2540C-2011	
Turbidity	8.8		0	0	NTU	Field	
Water Elevation	62.5				Ft	Field	

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ANALYTICAL RESULTS

Description: MW-18B | **Lab Sample ID:** AC01643-01 | **Received:** 03/26/19 16:21

Matrix: Ground Water | **Sampled:** 03/25/19 12:39 | **Work Order:** AC01643

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	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	QV-01, U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	QV-01, U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	QV-01, U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	QV-01, U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C27037	EPA 8260D	03/28/19 01:57	KKW	QV-01, U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	QV-01, U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-01
Sampled: 03/25/19 12:39
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9C27037	EPA 8260D	03/28/19 01:57	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*101 %*	*41-142*	*9C27037*	*EPA 8260D*	*03/28/19 01:57*	*KKW*	
Dibromofluoromethane	*49*	*1*	*50.0*	*99 %*	*53-146*	*9C27037*	*EPA 8260D*	*03/28/19 01:57*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*9C27037*	*EPA 8260D*	*03/28/19 01:57*	*KKW*	

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	9C27024	EPA 8011	03/27/19 16:19	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 16:19	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*104 %*	*70-130*	*9C27024*	*EPA 8011*	*03/27/19 16:19*	*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	9C27021	EPA 7470A	03/28/19 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	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Iron [7439-89-6]	**82.1**		ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:16	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Sodium [7440-23-5]	**7.91**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:03	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:03	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: AC01643-01
Sampled: 03/25/19 12:39
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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]^	**0.082**		mg/L	1	0.0098	0.020	9D01014	EPA 350.1	04/01/19 11:36	KGonz	QM-07
Chloride [16887-00-6]^	**12**		mg/L	1	0.29	5.0	9C26001	EPA 300.0	03/27/19 03:59	RSA	
Nitrate as N [14797-55-8]^	**0.25**	I	mg/L	1	0.052	1.0	9C26001	EPA 300.0	03/27/19 03:59	RSA	J
Total Dissolved Solids^	**390**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**81.18**		Ft	1			9D03054	Field	03/25/19 12:39	CLI	
Dissolved Oxygen	**0.35**		mg/L	1	0	0	9D03054	Field	03/25/19 12:39	CLI	
Oxidation/Reduction Potential	**-10.4**		mV	1	-999	-999	9D03054	Field	03/25/19 12:39	CLI	
pH	**6.77**		pH Units	1			9D03054	Field	03/25/19 12:39	CLI	
Specific Conductance (EC)	**660**		umhos/cm	1	0	0	9D03054	Field	03/25/19 12:39	CLI	
Temperature	**26.7**		°C	1	0	0	9D03054	Field	03/25/19 12:39	CLI	
Turbidity	**5.7**		NTU	1	0	0	9D03054	Field	03/25/19 12:39	CLI	
Water Elevation	**71.71**		Ft	1			9D03054	Field	03/25/19 12:39	CLI	

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ANALYTICAL RESULTS

Description: MW-19A | **Lab Sample ID:** AC01643-02 | **Received:** 03/26/19 16:21

Matrix: Ground Water | **Sampled:** 03/25/19 13:40 | **Work Order:** AC01643

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	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	QV-01, U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	QV-01, U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	QV-01, U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	QV-01, U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C27037	EPA 8260D	03/28/19 02:27	KKW	QV-01, U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	QV-01, U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U

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ANALYTICAL RESULTS

Description: MW-19A | **Lab Sample ID:** AC01643-02 | **Received:** 03/26/19 16:21
Matrix: Ground Water | **Sampled:** 03/25/19 13:40 | **Work Order:** AC01643
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
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9C27037	EPA 8260D	03/28/19 02:27	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*102 %*	*41-142*	*9C27037*	*EPA 8260D*	*03/28/19 02:27*	*KKW*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*53-146*	*9C27037*	*EPA 8260D*	*03/28/19 02:27*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9C27037*	*EPA 8260D*	*03/28/19 02:27*	*KKW*	

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	9C27024	EPA 8011	03/27/19 16:34	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 16:34	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*104 %*	*70-130*	*9C27024*	*EPA 8011*	*03/27/19 16:34*	*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	9C27021	EPA 7470A	03/28/19 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	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Cadmium [7440-43-9]	**1.15**	I	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Cobalt [7440-48-4]	**15.1**		ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Iron [7439-89-6]	**90.7**		ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:04	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Nickel [7440-02-0]	**6.74**	I	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Sodium [7440-23-5]	**16.0**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:22	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 11:22	JMA	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-02
Sampled: 03/25/19 13:40
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 11:38	KGonz	U
Chloride [16887-00-6]^	**110**		mg/L	2	0.58	10	9C26001	EPA 300.0	03/27/19 18:37	RSA	
Nitrate as N [14797-55-8]^	**17**		mg/L	1	0.052	1.0	9C26001	EPA 300.0	03/27/19 04:14	RSA	
Total Dissolved Solids^	**350**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**57.81**		Ft	1			9D03054	Field	03/25/19 13:40	CLI	
Dissolved Oxygen	**3.31**		mg/L	1	0	0	9D03054	Field	03/25/19 13:40	CLI	
Oxidation/Reduction Potential	**127.4**		mV	1	-999	-999	9D03054	Field	03/25/19 13:40	CLI	
pH	**4.78**		pH Units	1			9D03054	Field	03/25/19 13:40	CLI	
Specific Conductance (EC)	**540**		umhos/cm	1	0	0	9D03054	Field	03/25/19 13:40	CLI	
Temperature	**25.4**		°C	1	0	0	9D03054	Field	03/25/19 13:40	CLI	
Turbidity	**5**		NTU	1	0	0	9D03054	Field	03/25/19 13:40	CLI	
Water Elevation	**89.07**		Ft	1			9D03054	Field	03/25/19 13:40	CLI	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-03
Sampled: 03/25/19 14:57
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	QV-01, U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	QV-01, U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	QV-01, U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	QV-01, U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C27037	EPA 8260D	03/28/19 02:57	KKW	QV-01, U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	QV-01, U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U

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ANALYTICAL RESULTS

Description: MW-20B | **Lab Sample ID:** AC01643-03 | **Received:** 03/26/19 16:21
Matrix: Ground Water | **Sampled:** 03/25/19 14:57 | **Work Order:** AC01643
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
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9C27037	EPA 8260D	03/28/19 02:57	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*102 %*	*41-142*	*9C27037*	*EPA 8260D*	*03/28/19 02:57*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*53-146*	*9C27037*	*EPA 8260D*	*03/28/19 02:57*	*KKW*	
Toluene-d8	*50*	*1*	*50.0*	*99 %*	*41-146*	*9C27037*	*EPA 8260D*	*03/28/19 02:57*	*KKW*	

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	9C27024	EPA 8011	03/27/19 16:50	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 16:50	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*104 %*	*70-130*	*9C27024*	*EPA 8011*	*03/27/19 16:50*	*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	9C27021	EPA 7470A	03/28/19 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	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Chromium [7440-47-3]	**6.86**	I	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Iron [7439-89-6]	**232**		ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:31	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Sodium [7440-23-5]	**6.84**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:07	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:07	JMA	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-03
Sampled: 03/25/19 14:57
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 11:39	KGonz	U
Chloride [16887-00-6]^	**12**		mg/L	1	0.29	5.0	9C26001	EPA 300.0	03/27/19 03:28	RSA	
Nitrate as N [14797-55-8]^	**3.0**		mg/L	1	0.052	1.0	9C26001	EPA 300.0	03/27/19 03:28	RSA	
Total Dissolved Solids^	**210**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**55.43**		Ft	1			9D03054	Field	03/25/19 14:57	CLI	
Dissolved Oxygen	**5.61**		mg/L	1	0	0	9D03054	Field	03/25/19 14:57	CLI	
Oxidation/Reduction Potential	**199.7**		mV	1	-999	-999	9D03054	Field	03/25/19 14:57	CLI	
pH	**7.53**		pH Units	1			9D03054	Field	03/25/19 14:57	CLI	
Specific Conductance (EC)	**322.7**		umhos/cm	1	0	0	9D03054	Field	03/25/19 14:57	CLI	
Temperature	**25.6**		°C	1	0	0	9D03054	Field	03/25/19 14:57	CLI	
Turbidity	**18.8**		NTU	1	0	0	9D03054	Field	03/25/19 14:57	CLI	
Water Elevation	**71.43**		Ft	1			9D03054	Field	03/25/19 14:57	CLI	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-04
Sampled: 03/25/19 15:30
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9C28040	EPA 8260D	03/28/19 20:21	MJH	U

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-04
Sampled: 03/25/19 15:30
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*41-142*	*9C28040*	*EPA 8260D*	*03/28/19 20:21*	*MJH*	
Dibromofluoromethane	*45*	*1*	*50.0*	*91 %*	*53-146*	*9C28040*	*EPA 8260D*	*03/28/19 20:21*	*MJH*	
Toluene-d8	*63*	*1*	*50.0*	*125 %*	*41-146*	*9C28040*	*EPA 8260D*	*03/28/19 20:21*	*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	9C27024	EPA 8011	03/27/19 17:22	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 17:22	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*	*9C27024*	*EPA 8011*	*03/27/19 17:22*	*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]^	**0.294**		ug/L	1	0.0230	0.200	9C27021	EPA 7470A	03/28/19 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	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:33	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Sodium [7440-23-5]	**6.45**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:10	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:10	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: AC01643-04
Sampled: 03/25/19 15:30
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 11:41	KGonz	U
Chloride [16887-00-6]^	**8.1**		mg/L	1	0.29	5.0	9C26001	EPA 300.0	03/27/19 04:30	RSA	
Nitrate as N [14797-55-8]^	**2.0**		mg/L	1	0.052	1.0	9C26001	EPA 300.0	03/27/19 04:30	RSA	
Total Dissolved Solids^	**240**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**38.12**		Ft	1			9D03054	Field	03/25/19 15:30	CLI	
Dissolved Oxygen	**0.03**		mg/L	1	0	0	9D03054	Field	03/25/19 15:30	CLI	
Oxidation/Reduction Potential	**117**		mV	1	-999	-999	9D03054	Field	03/25/19 15:30	CLI	
pH	**6.52**		pH Units	1			9D03054	Field	03/25/19 15:30	CLI	
Specific Conductance (EC)	**380**		umhos/cm	1	0	0	9D03054	Field	03/25/19 15:30	CLI	
Temperature	**26.3**		°C	1	0	0	9D03054	Field	03/25/19 15:30	CLI	
Turbidity	**0.4**		NTU	1	0	0	9D03054	Field	03/25/19 15:30	CLI	
Water Elevation	**71.88**		Ft	1			9D03054	Field	03/25/19 15:30	CLI	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-05
Sampled: 03/25/19 15:56
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	9C28040	EPA 8260D	03/28/19 20:51	MJH	U

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ANALYTICAL RESULTS

Description:	MW-9B	**Lab Sample ID:**	AC01643-05	**Received:**	03/26/19 16:21
Matrix:	Ground Water	**Sampled:**	03/25/19 15:56	**Work Order:**	AC01643
Project:	ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)	**Sampled By:**	CLIENT		

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*91 %*	*41-142*	*9C28040*	*EPA 8260D*	*03/28/19 20:51*	*MJH*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*53-146*	*9C28040*	*EPA 8260D*	*03/28/19 20:51*	*MJH*	
Toluene-d8	*69*	*1*	*50.0*	*139 %*	*41-146*	*9C28040*	*EPA 8260D*	*03/28/19 20:51*	*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	9C27024	EPA 8011	03/27/19 17:37	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 17:37	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*	*9C27024*	*EPA 8011*	*03/27/19 17:37*	*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	9C27021	EPA 7470A	03/28/19 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	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Iron [7439-89-6]	**27.4**	I	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:36	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Sodium [7440-23-5]	**8.44**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:14	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:14	JMA	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-05
Sampled: 03/25/19 15:56
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 11:42	KGonz	U
Chloride [16887-00-6]^	**7.0**		mg/L	1	0.29	5.0	9C26001	EPA 300.0	03/27/19 04:45	RSA	
Nitrate as N [14797-55-8]^	**3.8**		mg/L	1	0.052	1.0	9C26001	EPA 300.0	03/27/19 04:45	RSA	
Total Dissolved Solids^	**310**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**37.89**		Ft	1			9D03054	Field	03/25/19 15:56	CLI	
Dissolved Oxygen	**0.94**		mg/L	1	0	0	9D03054	Field	03/25/19 15:56	CLI	
Oxidation/Reduction Potential	**184.2**		mV	1	-999	-999	9D03054	Field	03/25/19 15:56	CLI	
pH	**6.91**		pH Units	1			9D03054	Field	03/25/19 15:56	CLI	
Specific Conductance (EC)	**559**		umhos/cm	1	0	0	9D03054	Field	03/25/19 15:56	CLI	
Temperature	**27.1**		°C	1	0	0	9D03054	Field	03/25/19 15:56	CLI	
Turbidity	**1**		NTU	1	0	0	9D03054	Field	03/25/19 15:56	CLI	
Water Elevation	**71.86**		Ft	1			9D03054	Field	03/25/19 15:56	CLI	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-06
Sampled: 03/25/19 16:25
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	QM-07, U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 11:52	MJH	U

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-06
Sampled: 03/25/19 16:25
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 11:52	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 11:52*	*MJH*	
Dibromofluoromethane	*50*	*1*	*50.0*	*99 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 11:52*	*MJH*	
Toluene-d8	*59*	*1*	*50.0*	*117 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 11:52*	*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	9C27024	EPA 8011	03/27/19 17:52	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 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*	*96 %*	*70-130*	*9C27024*	*EPA 8011*	*03/27/19 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	9C27021	EPA 7470A	03/28/19 10:27	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	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Barium [7440-39-3]	**100**		ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Iron [7439-89-6]	**5650**		ug/L	5	125	250	9C28036	EPA 6020B	04/02/19 10:38	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Nickel [7440-02-0]	**5.25**	I	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Sodium [7440-23-5]	**12.6**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:17	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:17	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: AC01643-06
Sampled: 03/25/19 16:25
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 11:45	KGonz	
Chloride [16887-00-6]^	**16**		mg/L	1	0.29	5.0	9C26001	EPA 300.0	03/27/19 05:32	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9C26001	EPA 300.0	03/27/19 05:32	RSA	U
Total Dissolved Solids^	**370**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**36.81**		Ft	1			9D03054	Field	03/25/19 16:25	CLI	
Dissolved Oxygen	**1.99**		mg/L	1	0	0	9D03054	Field	03/25/19 16:25	CLI	
Oxidation/Reduction Potential	**-123.7**		mV	1	-999	-999	9D03054	Field	03/25/19 16:25	CLI	
pH	**6.71**		pH Units	1			9D03054	Field	03/25/19 16:25	CLI	
Specific Conductance (EC)	**664**		umhos/cm	1	0	0	9D03054	Field	03/25/19 16:25	CLI	
Temperature	**27.4**		°C	1	0	0	9D03054	Field	03/25/19 16:25	CLI	
Turbidity	**0.4**		NTU	1	0	0	9D03054	Field	03/25/19 16:25	CLI	
Water Elevation	**71.71**		Ft	1			9D03054	Field	03/25/19 16:25	CLI	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-07
Sampled: 03/26/19 09:57
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 12:22	MJH	U

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ANALYTICAL RESULTS

Description:	MW-7BR	**Lab Sample ID:**	AC01643-07	**Received:**	03/26/19 16:21
Matrix:	Ground Water	**Sampled:**	03/26/19 09:57	**Work Order:**	AC01643
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	9C29010	EPA 8260D	03/29/19 12:22	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*83 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 12:22*	*MJH*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 12:22*	*MJH*	
Toluene-d8	*54*	*1*	*50.0*	*108 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 12:22*	*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	9C27024	EPA 8011	03/27/19 18:08	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 18:08	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*	*9C27024*	*EPA 8011*	*03/27/19 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	9C29006	EPA 7470A	03/31/19 17:27	JMA	

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	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Iron [7439-89-6]	**45.4**	I	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:40	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Sodium [7440-23-5]	**3.93**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Vanadium [7440-62-2]	**6.30**	I	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:21	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:21	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: AC01643-07
Sampled: 03/26/19 09:57
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 11:46	KGonz	U
Chloride [16887-00-6]^	**4.4**	I	mg/L	1	0.29	5.0	9C26002	EPA 300.0	03/27/19 11:30	RSA	
Nitrate as N [14797-55-8]^	**0.81**	I	mg/L	1	0.052	1.0	9C26002	EPA 300.0	03/27/19 11:30	RSA	J
Total Dissolved Solids^	**190**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**31.61**		Ft	1			9D03054	Field	03/26/19 09:57	CLI	
Dissolved Oxygen	**0.93**		mg/L	1	0	0	9D03054	Field	03/26/19 09:57	CLI	
Oxidation/Reduction Potential	**128**		mV	1	-999	-999	9D03054	Field	03/26/19 09:57	CLI	
pH	**7.45**		pH Units	1			9D03054	Field	03/26/19 09:57	CLI	
Specific Conductance (EC)	**314.7**		umhos/cm	1	0	0	9D03054	Field	03/26/19 09:57	CLI	
Temperature	**25**		°C	1	0	0	9D03054	Field	03/26/19 09:57	CLI	
Turbidity	**4.9**		NTU	1	0	0	9D03054	Field	03/26/19 09:57	CLI	
Water Elevation	**71.66**		Ft	1			9D03054	Field	03/26/19 09:57	CLI	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-08
Sampled: 03/26/19 10:47
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 12:51	MJH	U

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ANALYTICAL RESULTS

Description: MW-7A | **Lab Sample ID:** AC01643-08 | **Received:** 03/26/19 16:21
Matrix: Ground Water | **Sampled:** 03/26/19 10:47 | **Work Order:** AC01643
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	9C29010	EPA 8260D	03/29/19 12:51	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*39*	*1*	*50.0*	*77 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 12:51*	*MJH*	
Dibromofluoromethane	*56*	*1*	*50.0*	*112 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 12:51*	*MJH*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 12:51*	*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	9C27024	EPA 8011	03/27/19 18:23	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 18:23	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*	*9C27024*	*EPA 8011*	*03/27/19 18:23*	*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]^	**0.0271**	I	ug/L	1	0.0230	0.200	9C29006	EPA 7470A	03/31/19 17:30	JMA	

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	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Iron [7439-89-6]	**7280**		ug/L	10	250	500	9C28036	EPA 6020B	04/02/19 10:43	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Sodium [7440-23-5]	**10.1**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:24	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:24	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: AC01643-08
Sampled: 03/26/19 10:47
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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]^	**0.16**		mg/L	1	0.0098	0.020	9D01014	EPA 350.1	04/01/19 11:48	KGonz	
Chloride [16887-00-6]^	**8.7**		mg/L	1	0.29	5.0	9C26002	EPA 300.0	03/27/19 11:15	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9C26002	EPA 300.0	03/27/19 11:15	RSA	U
Total Dissolved Solids^	**180**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**28.9**		Ft	1			9D03054	Field	03/26/19 10:47	CLI	
Dissolved Oxygen	**0.12**		mg/L	1	0	0	9D03054	Field	03/26/19 10:47	CLI	
Oxidation/Reduction Potential	**105.7**		mV	1	-999	-999	9D03054	Field	03/26/19 10:47	CLI	
pH	**5.25**		pH Units	1			9D03054	Field	03/26/19 10:47	CLI	
Specific Conductance (EC)	**275.3**		umhos/cm	1	0	0	9D03054	Field	03/26/19 10:47	CLI	
Temperature	**26.5**		°C	1	0	0	9D03054	Field	03/26/19 10:47	CLI	
Turbidity	**16.8**		NTU	1	0	0	9D03054	Field	03/26/19 10:47	CLI	
Water Elevation	**71.82**		Ft	1			9D03054	Field	03/26/19 10:47	CLI	

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ANALYTICAL RESULTS

Description: MW-4B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC01643-09
Sampled: 03/26/19 11:34
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 14:21	MJH	U

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ANALYTICAL RESULTS

Description: MW-4B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC01643-09
Sampled: 03/26/19 11:34
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 14:21	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*81 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 14:21*	*MJH*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 14:21*	*MJH*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 14:21*	*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	9C27024	EPA 8011	03/27/19 18:38	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 18:38	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*104 %*	*70-130*	*9C27024*	*EPA 8011*	*03/27/19 18:38*	*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	9C29006	EPA 7470A	03/31/19 17:36	JMA	

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	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:45	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Sodium [7440-23-5]	**4.31**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:28	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:28	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: AC01643-09
Sampled: 03/26/19 11:34
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 12:02	KGonz	U
Chloride [16887-00-6]^	**4.1**	I	mg/L	1	0.29	5.0	9C26002	EPA 300.0	03/27/19 11:46	RSA	
Nitrate as N [14797-55-8]^	**0.44**	I	mg/L	1	0.052	1.0	9C26002	EPA 300.0	03/27/19 11:46	RSA	J
Total Dissolved Solids^	**210**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**25.68**		Ft	1			9D03054	Field	03/26/19 11:34	CLI	
Dissolved Oxygen	**2.59**		mg/L	1	0	0	9D03054	Field	03/26/19 11:34	CLI	
Oxidation/Reduction Potential	**119.6**		mV	1	-999	-999	9D03054	Field	03/26/19 11:34	CLI	
pH	**7.3**		pH Units	1			9D03054	Field	03/26/19 11:34	CLI	
Specific Conductance (EC)	**337.9**		umhos/cm	1	0	0	9D03054	Field	03/26/19 11:34	CLI	
Temperature	**24.1**		°C	1	0	0	9D03054	Field	03/26/19 11:34	CLI	
Turbidity	**0.2**		NTU	1	0	0	9D03054	Field	03/26/19 11:34	CLI	
Water Elevation	**75.19**		Ft	1			9D03054	Field	03/26/19 11:34	CLI	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

Description: DUPLICATE
Lab Sample ID: AC01643-10
Received: 03/26/19 16:21
Matrix: Ground Water
Sampled: 03/26/19 11:34
Work Order: AC01643
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	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 14:51	MJH	U

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-10
Sampled: 03/26/19 11:34
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 14:51	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*81 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 14:51*	*MJH*	
Dibromofluoromethane	*51*	*1*	*50.0*	*101 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 14:51*	*MJH*	
Toluene-d8	*59*	*1*	*50.0*	*118 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 14:51*	*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	9C27024	EPA 8011	03/27/19 18:54	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 18:54	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*	*9C27024*	*EPA 8011*	*03/27/19 18:54*	*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	9C29006	EPA 7470A	03/31/19 17:39	JMA	

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	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:47	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Sodium [7440-23-5]	**4.18**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:31	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:31	JMA	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-10
Sampled: 03/26/19 11:34
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 12:03	KGonz	U
Chloride [16887-00-6]^	**4.1**	I	mg/L	1	0.29	5.0	9C26002	EPA 300.0	03/27/19 12:01	RSA	
Nitrate as N [14797-55-8]^	**0.43**	I	mg/L	1	0.052	1.0	9C26002	EPA 300.0	03/27/19 12:01	RSA	J
Total Dissolved Solids^	**210**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-11
Sampled: 03/26/19 11:40
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 15:21	MJH	U

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ANALYTICAL RESULTS

Description: EQUIPMENT BLANK
Lab Sample ID: AC01643-11
Received: 03/26/19 16:21
Matrix: Water
Sampled: 03/26/19 11:40
Work Order: AC01643
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	9C29010	EPA 8260D	03/29/19 15:21	MJH	U

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 15:21*	*MJH*	
Dibromofluoromethane	*50*	*1*	*50.0*	*101 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 15:21*	*MJH*	
Toluene-d8	*57*	*1*	*50.0*	*115 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 15:21*	*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	9C27024	EPA 8011	03/27/19 19:09	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 19:09	RGG	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*104 %*	*70-130*	*9C27024*	*EPA 8011*	*03/27/19 19:09*	*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	9C29006	EPA 7470A	03/31/19 17:33	JMA	

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	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:21	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Sodium [7440-23-5]	0.320	U	mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 11:44	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 11:44	JMA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-11
Sampled: 03/26/19 11:40
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 12:04	KGonz	U
Chloride [16887-00-6]^	0.29	U	mg/L	1	0.29	5.0	9C26002	EPA 300.0	03/27/19 13:04	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9C26002	EPA 300.0	03/27/19 13:04	RSA	U
Total Dissolved Solids^	10	U	mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

Description: TRIP BLANK 2 | **Lab Sample ID:** AC01643-12 | **Received:** 03/26/19 16:21

Matrix: Water | **Sampled:** 03/25/19 00:00 | **Work Order:** AC01643

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	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 15:50	MJH	U

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ANALYTICAL RESULTS

Description: TRIP BLANK 2
Matrix: Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC01643-12
Sampled: 03/25/19 00:00
Sampled By: ENCO ORL

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 15:50	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 15:50*	*MJH*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 15:50*	*MJH*	
Toluene-d8	*56*	*1*	*50.0*	*111 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 15:50*	*MJH*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-13
Sampled: 03/26/19 13:50
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 16:20	MJH	U

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-13
Sampled: 03/26/19 13:50
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 16:20	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*38*	*1*	*50.0*	*77 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 16:20*	*MJH*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 16:20*	*MJH*	
Toluene-d8	*54*	*1*	*50.0*	*109 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 16:20*	*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	9C27024	EPA 8011	03/27/19 19:24	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 19:24	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*106 %*	*70-130*	*9C27024*	*EPA 8011*	*03/27/19 19:24*	*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	9C29006	EPA 7470A	03/31/19 17:42	JMA	

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	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 11:10	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Sodium [7440-23-5]	**3.93**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:53	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:53	JMA	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC01643-13
Sampled: 03/26/19 13:50
Sampled By: CLIENT

Received: 03/26/19 16:21
Work Order: AC01643

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	9D01014	EPA 350.1	04/01/19 12:05	KGonz	U
Chloride [16887-00-6]^	**3.8**	I	mg/L	1	0.29	5.0	9C26002	EPA 300.0	03/27/19 12:17	RSA	
Nitrate as N [14797-55-8]^	**0.81**	I	mg/L	1	0.052	1.0	9C26002	EPA 300.0	03/27/19 12:17	RSA	J
Total Dissolved Solids^	**210**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**26.8**		Ft	1			9D03054	Field	03/26/19 13:50	CLI	
Dissolved Oxygen	**1.81**		mg/L	1	0	0	9D03054	Field	03/26/19 13:50	CLI	
Oxidation/Reduction Potential	**129.8**		mV	1	-999	-999	9D03054	Field	03/26/19 13:50	CLI	
pH	**7.39**		pH Units	1			9D03054	Field	03/26/19 13:50	CLI	
Specific Conductance (EC)	**318.4**		umhos/cm	1	0	0	9D03054	Field	03/26/19 13:50	CLI	
Temperature	**24.6**		°C	1	0	0	9D03054	Field	03/26/19 13:50	CLI	
Turbidity	**0.4**		NTU	1	0	0	9D03054	Field	03/26/19 13:50	CLI	
Water Elevation	**62.3**		Ft	1			9D03054	Field	03/26/19 13:50	CLI	

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ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AC01643-14 **Received:** 03/26/19 16:21

Matrix: Ground Water **Sampled:** 03/26/19 14:13 **Work Order:** AC01643

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	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 16:50	MJH	U

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ANALYTICAL RESULTS

Description: MW-6 | **Lab Sample ID:** AC01643-14 | **Received:** 03/26/19 16:21
Matrix: Ground Water | **Sampled:** 03/26/19 14:13 | **Work Order:** AC01643
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	9C29010	EPA 8260D	03/29/19 16:50	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*40*	*1*	*50.0*	*80 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 16:50*	*MJH*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 16:50*	*MJH*	
Toluene-d8	*55*	*1*	*50.0*	*110 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 16:50*	*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	9C27024	EPA 8011	03/27/19 19:39	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C27024	EPA 8011	03/27/19 19:39	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*105 %*	*70-130*	*9C27024*	*EPA 8011*	*03/27/19 19:39*	*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	9C29006	EPA 7470A	03/31/19 17:45	JMA	

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	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Iron [7439-89-6]	**236**		ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/02/19 10:52	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Sodium [7440-23-5]	**12.1**		mg/L	1	0.320	1.00	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9C28036	EPA 6020B	04/01/19 12:57	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9C28036	EPA 6020B	04/01/19 12:57	JMA	

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ANALYTICAL RESULTS

Description: MW-6 | **Lab Sample ID:** AC01643-14 | **Received:** 03/26/19 16:21

Matrix: Ground Water | **Sampled:** 03/26/19 14:13 | **Work Order:** AC01643

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]^	**0.019**	I	mg/L	1	0.0098	0.020	9D01014	EPA 350.1	04/01/19 12:06	KGonz	J
Chloride [16887-00-6]^	**12**		mg/L	1	0.29	5.0	9C26002	EPA 300.0	03/27/19 13:19	RSA	
Nitrate as N [14797-55-8]^	**16**		mg/L	1	0.052	1.0	9C26002	EPA 300.0	03/27/19 13:19	RSA	
Total Dissolved Solids^	**190**		mg/L	1	10	10	9C28050	SM 2540C-2011	03/29/19 21:42	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**26.15**		Ft	1			9D03054	Field	03/26/19 14:13	CLI	
Dissolved Oxygen	**1.73**		mg/L	1	0	0	9D03054	Field	03/26/19 14:13	CLI	
Oxidation/Reduction Potential	**333.7**		mV	1	-999	-999	9D03054	Field	03/26/19 14:13	CLI	
pH	**4.61**		pH Units	1			9D03054	Field	03/26/19 14:13	CLI	
Specific Conductance (EC)	**221.9**		umhos/cm	1	0	0	9D03054	Field	03/26/19 14:13	CLI	
Temperature	**26.7**		°C	1	0	0	9D03054	Field	03/26/19 14:13	CLI	
Turbidity	**8.8**		NTU	1	0	0	9D03054	Field	03/26/19 14:13	CLI	
Water Elevation	**62.5**		Ft	1			9D03054	Field	03/26/19 14:13	CLI	

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ANALYTICAL RESULTS

Description: TRIP BLANK 1 | **Lab Sample ID:** AC01643-15 | **Received:** 03/26/19 16:21

Matrix: Water | **Sampled:** 03/25/19 00:00 | **Work Order:** AC01643

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	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	QV-01, U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9C29010	EPA 8260D	03/29/19 17:20	MJH	U

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ANALYTICAL RESULTS

Description: TRIP BLANK 1
Matrix: Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC01643-15
Sampled: 03/25/19 00:00
Sampled By: ENCO ORL

Received: 03/26/19 16:21
Work Order: AC01643

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	9C29010	EPA 8260D	03/29/19 17:20	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*41-142*	*9C29010*	*EPA 8260D*	*03/29/19 17:20*	*MJH*	
Dibromofluoromethane	*53*	*1*	*50.0*	*107 %*	*53-146*	*9C29010*	*EPA 8260D*	*03/29/19 17:20*	*MJH*	
Toluene-d8	*58*	*1*	*50.0*	*115 %*	*41-146*	*9C29010*	*EPA 8260D*	*03/29/19 17:20*	*MJH*	

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QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C27037 - EPA 5030B_MS

Blank (9C27037-BLK1) Prepared: 03/27/2019 14:00 Analyzed: 03/27/2019 23:26

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	*51*			*ug/L*	*50.0*		*102*	*41-142*			
Dibromofluoromethane	*47*			*ug/L*	*50.0*		*94*	*53-146*			

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QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C27037 - EPA 5030B_MS - Continued

Blank (9C27037-BLK1) Continued Prepared: 03/27/2019 14:00 Analyzed: 03/27/2019 23:26

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene-d8	*50*			*ug/L*	*50.0*		*100*	*41-146*			

LCS (9C27037-BS1) Prepared: 03/27/2019 14:00 Analyzed: 03/27/2019 21:25

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	14		1.0	ug/L	20.0		70	47-139			
Benzene	17		1.0	ug/L	20.0		87	56-136			
Chlorobenzene	24		1.0	ug/L	20.0		122	51-139			
Toluene	20		1.0	ug/L	20.0		101	64-131			
Trichloroethene	17		1.0	ug/L	20.0		86	62-135			
4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*103*	*41-142*			
Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Matrix Spike (9C27037-MS1) Prepared: 03/27/2019 14:00 Analyzed: 03/27/2019 21:56

Source: AC01359-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0	0.94 U	73	47-139			
Benzene	18		1.0	ug/L	20.0	0.71 U	88	56-136			
Chlorobenzene	25		1.0	ug/L	20.0	0.72 U	125	51-139			
Toluene	20		1.0	ug/L	20.0	0.72 U	102	64-131			
Trichloroethene	18		1.0	ug/L	20.0	0.89 U	91	62-135			
4-Bromofluorobenzene	*49*			*ug/L*	*50.0*		*98*	*41-142*			
Dibromofluoromethane	*49*			*ug/L*	*50.0*		*97*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*41-146*			

Matrix Spike Dup (9C27037-MSD1) Prepared: 03/27/2019 14:00 Analyzed: 03/27/2019 22:26

Source: AC01359-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0	0.94 U	76	47-139	5	16	
Benzene	18		1.0	ug/L	20.0	0.71 U	88	56-136	0.06	14	
Chlorobenzene	24		1.0	ug/L	20.0	0.72 U	122	51-139	3	13	
Toluene	20		1.0	ug/L	20.0	0.72 U	102	64-131	0.05	16	
Trichloroethene	19		1.0	ug/L	20.0	0.89 U	94	62-135	3	20	
4-Bromofluorobenzene	*50*			*ug/L*	*50.0*		*101*	*41-142*			
Dibromofluoromethane	*49*			*ug/L*	*50.0*		*98*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*41-146*			

Batch 9C28040 - EPA 5030B_MS

Blank (9C28040-BLK1) Prepared: 03/28/2019 00:00 Analyzed: 03/28/2019 17:22

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

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QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C28040 - EPA 5030B_MS - Continued

Blank (9C28040-BLK1) Continued Prepared: 03/28/2019 00:00 Analyzed: 03/28/2019 17:22

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	*44*			*ug/L*	*50.0*		*87*	*41-142*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*53-146*			
Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*41-146*			

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QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C28040 - EPA 5030B_MS - Continued

LCS (9C28040-BS1) Prepared: 03/28/2019 00:00 Analyzed: 03/28/2019 15:23

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		107	47-139			
Benzene	23		1.0	ug/L	20.0		114	56-136			
Chlorobenzene	21		1.0	ug/L	20.0		107	51-139			
Toluene	21		1.0	ug/L	20.0		104	64-131			
Trichloroethene	22		1.0	ug/L	20.0		108	62-135			
4-Bromofluorobenzene	*39*			*ug/L*	*50.0*		*79*	*41-142*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*53-146*			
Toluene-d8	*50*			*ug/L*	*50.0*		*100*	*41-146*			

Matrix Spike (9C28040-MS1) Prepared: 03/28/2019 00:00 Analyzed: 03/28/2019 15:53

Source: AC01972-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	2400		100	ug/L	2000	94 U	120	47-139			
Benzene	2200		100	ug/L	2000	71 U	112	56-136			
Chlorobenzene	2200		100	ug/L	2000	72 U	112	51-139			
Toluene	2500		100	ug/L	2000	72 U	123	64-131			
Trichloroethene	2300		100	ug/L	2000	89 U	113	62-135			
4-Bromofluorobenzene	*4100*			*ug/L*	*5000*		*82*	*41-142*			
Dibromofluoromethane	*4600*			*ug/L*	*5000*		*92*	*53-146*			
Toluene-d8	*5100*			*ug/L*	*5000*		*101*	*41-146*			

Matrix Spike Dup (9C28040-MSD1) Prepared: 03/28/2019 00:00 Analyzed: 03/28/2019 16:22

Source: AC01972-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	2300		100	ug/L	2000	94 U	114	47-139	5	16	
Benzene	2500		100	ug/L	2000	71 U	126	56-136	12	14	
Chlorobenzene	2200		100	ug/L	2000	72 U	112	51-139	0.3	13	
Toluene	2200		100	ug/L	2000	72 U	111	64-131	11	16	
Trichloroethene	2300		100	ug/L	2000	89 U	113	62-135	0.3	20	
4-Bromofluorobenzene	*4200*			*ug/L*	*5000*		*84*	*41-142*			
Dibromofluoromethane	*4700*			*ug/L*	*5000*		*93*	*53-146*			
Toluene-d8	*4800*			*ug/L*	*5000*		*96*	*41-146*			

Batch 9C29010 - EPA 5030B_MS

Blank (9C29010-BLK1) Prepared: 03/29/2019 00:00 Analyzed: 03/29/2019 10:52

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

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QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C29010 - EPA 5030B_MS - Continued

Blank (9C29010-BLK1) Continued Prepared: 03/29/2019 00:00 Analyzed: 03/29/2019 10:52

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	*41*			*ug/L*	*50.0*		*82*	*41-142*			
Dibromofluoromethane	*52*			*ug/L*	*50.0*		*105*	*53-146*			
Toluene-d8	*58*			*ug/L*	*50.0*		*116*	*41-146*			

LCS (9C29010-BS1) Prepared: 03/29/2019 00:00 Analyzed: 03/29/2019 09:23

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		95	47-139			
Benzene	21		1.0	ug/L	20.0		107	56-136			
Chlorobenzene	21		1.0	ug/L	20.0		103	51-139			
Toluene	19		1.0	ug/L	20.0		97	64-131			
Trichloroethene	20		1.0	ug/L	20.0		100	62-135			

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QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9C29010 - EPA 5030B_MS - Continued

LCS (9C29010-BS1) Continued Prepared: 03/29/2019 00:00 Analyzed: 03/29/2019 09:23

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*41-142*			
Dibromofluoromethane	*51*			*ug/L*	*50.0*		*103*	*53-146*			
Toluene-d8	*53*			*ug/L*	*50.0*		*107*	*41-146*			

Matrix Spike (9C29010-MS1) Prepared: 03/29/2019 00:00 Analyzed: 03/29/2019 13:21

Source: AC01643-06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.94 U	114	47-139			
Benzene	24		1.0	ug/L	20.0	0.71 U	121	56-136			
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	110	51-139			
Toluene	20		1.0	ug/L	20.0	0.72 U	102	64-131			
Trichloroethene	22		1.0	ug/L	20.0	0.89 U	111	62-135			
4-Bromofluorobenzene	*43*			*ug/L*	*50.0*		*87*	*41-142*			
Dibromofluoromethane	*47*			*ug/L*	*50.0*		*94*	*53-146*			
Toluene-d8	*55*			*ug/L*	*50.0*		*111*	*41-146*			

Matrix Spike Dup (9C29010-MSD1) Prepared: 03/29/2019 00:00 Analyzed: 03/29/2019 13:51

Source: AC01643-06

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.94 U	114	47-139	0.1	16	
Benzene	25		1.0	ug/L	20.0	0.71 U	123	56-136	2	14	
Chlorobenzene	21		1.0	ug/L	20.0	0.72 U	106	51-139	3	13	
Toluene	20		1.0	ug/L	20.0	0.72 U	98	64-131	4	16	
Trichloroethene	22		1.0	ug/L	20.0	0.89 U	110	62-135	0.4	20	
4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*87*	*41-142*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*97*	*53-146*			
Toluene-d8	*55*			*ug/L*	*50.0*		*110*	*41-146*			

Semivolatile Organic Compounds by GC - Quality Control

Batch 9C27024 - EPA 504/8011

Blank (9C27024-BLK1) Prepared: 03/27/2019 10:36 Analyzed: 03/27/2019 15:00

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	*0.24*			*ug/L*	*0.250*		*96*	*70-130*			

LCS (9C27024-BS1) Prepared: 03/27/2019 10:36 Analyzed: 03/27/2019 15:16

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.28		0.020	ug/L	0.250		114	61-139			
1,2-Dibromoethane	0.25		0.020	ug/L	0.250		102	65-133			
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*101*	*70-130*			

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QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 9C27024 - EPA 504/8011 - Continued

Matrix Spike (9C27024-MS1) Prepared: 03/27/2019 10:36 Analyzed: 03/27/2019 15:31

Source: AC02117-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.29		0.020	ug/L	0.250	0.012 U	117	61-139			
1,2-Dibromoethane	0.25		0.020	ug/L	0.250	0.004 U	98	65-133			
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*100*	*70-130*			

Matrix Spike Dup (9C27024-MSD1) Prepared: 03/27/2019 10:36 Analyzed: 03/27/2019 15:47

Source: AC02117-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.28		0.020	ug/L	0.250	0.012 U	114	61-139	3	12	
1,2-Dibromoethane	0.26		0.020	ug/L	0.250	0.004 U	103	65-133	5	17	
1,1,1,2-Tetrachloroethane	*0.26*			*ug/L*	*0.250*		*103*	*70-130*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9C27021 - EPA 7470A

Blank (9C27021-BLK1) Prepared: 03/27/2019 11:59 Analyzed: 03/28/2019 09:07

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 (9C27021-BLK2) Prepared: 03/27/2019 11:59 Analyzed: 03/28/2019 09:10

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 (9C27021-BS1) Prepared: 03/27/2019 11:59 Analyzed: 03/28/2019 09:13

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.27		0.200	ug/L	5.00		105	80-120			

Matrix Spike (9C27021-MS1) Prepared: 03/27/2019 11:59 Analyzed: 03/28/2019 09:26

Source: AC02240-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	51.5		2.00	ug/L	50.0	0.230 U	103	75-125			

Matrix Spike Dup (9C27021-MSD1) Prepared: 03/27/2019 11:59 Analyzed: 03/28/2019 09:29

Source: AC02240-01

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	1	20	

Batch 9C29006 - EPA 7470A

Blank (9C29006-BLK1) Prepared: 03/29/2019 11:58 Analyzed: 03/31/2019 16:53

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

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QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9C29006 - EPA 7470A - Continued

Blank (9C29006-BLK2) Prepared: 03/29/2019 11:58 Analyzed: 03/31/2019 16:56

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

LCS (9C29006-BS1) Prepared: 03/29/2019 11:58 Analyzed: 03/31/2019 16:59

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.17		0.200	ug/L	5.00		103	80-120			

Matrix Spike (9C29006-MS1) Prepared: 03/29/2019 11:58 Analyzed: 03/31/2019 17:08

Source: AC02099-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	15400	L	242	ug/L	50.0	15600	NR	75-125			QM-17

Matrix Spike Dup (9C29006-MSD1) Prepared: 03/29/2019 11:58 Analyzed: 03/31/2019 17:11

Source: AC02099-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	15700	L	242	ug/L	50.0	15600	151	75-125	2	20	QM-17

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

Batch 9C28036 - EPA 3005A

Blank (9C28036-BLK1) Prepared: 03/28/2019 13:04 Analyzed: 04/01/2019 11:12

Analyte	Result	Flag	POL	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							
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 (9C28036-BLK2) Prepared: 03/28/2019 13:04 Analyzed: 04/01/2019 11:15

Analyte	Result	Flag	POL	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							

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QUALITY CONTROL DATA

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

Batch 9C28036 - EPA 3005A - Continued

Blank (9C28036-BLK2) Continued Prepared: 03/28/2019 13:04 Analyzed: 04/01/2019 11:15

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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							
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							

Blank (9C28036-BLK3) Prepared: 03/28/2019 13:04 Analyzed: 04/02/2019 09:57

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	25.0	U	50.0	ug/L							

Blank (9C28036-BLK4) Prepared: 03/28/2019 13:04 Analyzed: 04/02/2019 10:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	2.50	U	5.00	ug/L							

LCS (9C28036-BS1) Prepared: 03/28/2019 13:04 Analyzed: 04/01/2019 11:19

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	46.8		5.00	ug/L	50.0		94	80-120			
Arsenic	512		10.0	ug/L	500		102	80-120			
Barium	497		100	ug/L	500		99	80-120			
Beryllium	49.1		1.00	ug/L	50.0		98	80-120			
Cadmium	46.5		3.00	ug/L	50.0		93	80-120			
Chromium	499		10.0	ug/L	500		100	80-120			
Cobalt	508		10.0	ug/L	500		102	80-120			
Copper	500		10.0	ug/L	500		100	80-120			
Lead	492		5.00	ug/L	500		98	80-120			
Nickel	488		10.0	ug/L	500		98	80-120			
Selenium	448		10.0	ug/L	500		90	80-120			
Silver	48.8		1.00	ug/L	50.0		98	80-120			
Sodium	24.6		1.00	mg/L	25.0		98	80-120			
Thallium	50.5		1.00	ug/L	50.0		101	80-120			
Vanadium	493		10.0	ug/L	500		99	80-120			
Zinc	446		50.0	ug/L	500		89	80-120			

LCS (9C28036-BS2) Prepared: 03/28/2019 13:04 Analyzed: 04/02/2019 10:02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	1070		50.0	ug/L	1000		107	80-120			

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QUALITY CONTROL DATA

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

Batch 9C28036 - EPA 3005A - Continued

Matrix Spike (9C28036-MS1) Prepared: 03/28/2019 13:04 Analyzed: 04/01/2019 11:26

Source: AC01643-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	47.5		5.00	ug/L	50.0	2.50 U	95	75-125			
Arsenic	519		10.0	ug/L	500	5.00 U	104	75-125			
Barium	527		100	ug/L	500	50.0 U	105	75-125			
Beryllium	47.9		1.00	ug/L	50.0	0.500 U	96	75-125			
Cadmium	48.4		3.00	ug/L	50.0	1.15	94	75-125			
Chromium	502		10.0	ug/L	500	5.00 U	100	75-125			
Cobalt	525		10.0	ug/L	500	15.1	102	75-125			
Copper	494		10.0	ug/L	500	2.50 U	99	75-125			
Lead	492		5.00	ug/L	500	2.50 U	98	75-125			
Nickel	495		10.0	ug/L	500	6.74	98	75-125			
Selenium	455		10.0	ug/L	500	5.00 U	91	75-125			
Silver	49.7		1.00	ug/L	50.0	0.500 U	99	75-125			
Sodium	40.7		1.00	mg/L	25.0	16.0	99	75-125			
Thallium	51.6		1.00	ug/L	50.0	0.500 U	103	75-125			
Vanadium	505		10.0	ug/L	500	5.00 U	101	75-125			
Zinc	449		50.0	ug/L	500	25.0 U	90	75-125			

Matrix Spike (9C28036-MS2) Prepared: 03/28/2019 13:04 Analyzed: 04/02/2019 10:06

Source: AC01643-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	1220		50.0	ug/L	1000	90.7	113	75-125			

Matrix Spike Dup (9C28036-MSD1) Prepared: 03/28/2019 13:04 Analyzed: 04/01/2019 11:29

Source: AC01643-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	49.6		5.00	ug/L	50.0	2.50 U	99	75-125	4	20	
Arsenic	510		10.0	ug/L	500	5.00 U	102	75-125	2	20	
Barium	545		100	ug/L	500	50.0 U	109	75-125	3	20	
Beryllium	49.2		1.00	ug/L	50.0	0.500 U	98	75-125	3	20	
Cadmium	49.7		3.00	ug/L	50.0	1.15	97	75-125	3	20	
Chromium	523		10.0	ug/L	500	5.00 U	105	75-125	4	20	
Cobalt	538		10.0	ug/L	500	15.1	105	75-125	2	20	
Copper	506		10.0	ug/L	500	2.50 U	101	75-125	2	20	
Lead	510		5.00	ug/L	500	2.50 U	102	75-125	4	20	
Nickel	504		10.0	ug/L	500	6.74	100	75-125	2	20	
Selenium	444		10.0	ug/L	500	5.00 U	89	75-125	3	20	
Silver	51.5		1.00	ug/L	50.0	0.500 U	103	75-125	4	20	
Sodium	42.7		1.00	mg/L	25.0	16.0	107	75-125	5	20	
Thallium	53.2		1.00	ug/L	50.0	0.500 U	106	75-125	3	20	
Vanadium	517		10.0	ug/L	500	5.00 U	103	75-125	2	20	
Zinc	469		50.0	ug/L	500	25.0 U	94	75-125	4	20	

Matrix Spike Dup (9C28036-MSD2) Prepared: 03/28/2019 13:04 Analyzed: 04/02/2019 10:09

Source: AC01643-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	1180		50.0	ug/L	1000	90.7	109	75-125	4	20	

Batch AA53619 - 9C29004

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QUALITY CONTROL DATA

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

Batch AA53619 - 9C29004 - Continued

Serial Dilution (AA53619-SRD2) Prepared: 03/29/2019 09:08 Analyzed: 04/01/2019 14:08

Source: AC02227-05

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	15.6		0.500	ug/L		15.7			0.5		
Lead	459		2.50	ug/L		448			2		

Classical Chemistry Parameters - Quality Control

Batch 9C26001 - NO PREP

Blank (9C26001-BLK1) Prepared: 03/26/2019 13:41 Analyzed: 03/27/2019 02:25

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 (9C26001-BS1) Prepared: 03/26/2019 13:41 Analyzed: 03/27/2019 02:41

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		106	90-110			

Matrix Spike (9C26001-MS1) Prepared: 03/26/2019 13:41 Analyzed: 03/27/2019 02:56

Source: AC01643-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	65		5.0	mg/L	50.0	12	106	90-110			
Nitrate as N	29		1.0	mg/L	25.0	3.0	104	90-110			

Matrix Spike (9C26001-MS2) Prepared: 03/26/2019 13:41 Analyzed: 03/27/2019 06:34

Source: AC01513-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	55		5.0	mg/L	50.0	1.7	107	90-110			
Nitrate as N	27		1.0	mg/L	25.0	0.48	105	90-110			

Matrix Spike Dup (9C26001-MSD1) Prepared: 03/26/2019 13:41 Analyzed: 03/27/2019 03:12

Source: AC01643-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	65		5.0	mg/L	50.0	12	105	90-110	0.6	10	
Nitrate as N	29		1.0	mg/L	25.0	3.0	104	90-110	0.6	10	

Matrix Spike Dup (9C26001-MSD2) Prepared: 03/26/2019 13:41 Analyzed: 03/27/2019 06:50

Source: AC01513-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	55		5.0	mg/L	50.0	1.7	106	90-110	1	10	
Nitrate as N	26		1.0	mg/L	25.0	0.48	103	90-110	2	10	

Batch 9C26002 - NO PREP

Blank (9C26002-BLK1) Prepared: 03/26/2019 00:50 Analyzed: 03/27/2019 10:12

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9C26002 - NO PREP - Continued

Blank (9C26002-BLK1) Continued Prepared: 03/26/2019 00:50 Analyzed: 03/27/2019 10:12

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 (9C26002-BS1) Prepared: 03/26/2019 00:50 Analyzed: 03/27/2019 10:28

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		106	90-110			

Matrix Spike (9C26002-MS1) Prepared: 03/26/2019 00:50 Analyzed: 03/27/2019 10:44

Source: AC01643-08

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	61		5.0	mg/L	50.0	8.7	105	90-110			
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	99	90-110			

Matrix Spike (9C26002-MS2) Prepared: 03/26/2019 00:50 Analyzed: 03/27/2019 13:35

Source: AC01643-14

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	65		5.0	mg/L	50.0	12	106	90-110			
Nitrate as N	42		1.0	mg/L	25.0	16	103	90-110			

Matrix Spike Dup (9C26002-MSD1) Prepared: 03/26/2019 00:50 Analyzed: 03/27/2019 10:59

Source: AC01643-08

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	62		5.0	mg/L	50.0	8.7	106	90-110	1	10	
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	100	90-110	1	10	

Matrix Spike Dup (9C26002-MSD2) Prepared: 03/26/2019 00:50 Analyzed: 03/27/2019 13:50

Source: AC01643-14

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	67		5.0	mg/L	50.0	12	109	90-110	2	10	
Nitrate as N	43		1.0	mg/L	25.0	16	106	90-110	2	10	

Batch 9C28050 - NO PREP

Blank (9C28050-BLK1) Prepared: 03/28/2019 16:22 Analyzed: 03/29/2019 21:42

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 (9C28050-BS1) Prepared: 03/28/2019 16:22 Analyzed: 03/29/2019 21:42

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

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9C28050 - NO PREP - Continued

Duplicate (9C28050-DUP1) Prepared: 03/28/2019 16:22 Analyzed: 03/29/2019 21:42

Source: AC00860-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	100		10	mg/L		100			4	20	

Batch 9D01014 - NO PREP

Blank (9D01014-BLK1) Prepared: 04/01/2019 08:31 Analyzed: 04/01/2019 11:33

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 (9D01014-BS1) Prepared: 04/01/2019 08:31 Analyzed: 04/01/2019 11:35

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

Matrix Spike (9D01014-MS1) Prepared: 04/01/2019 08:31 Analyzed: 04/01/2019 11:55

Source: AC01751-01

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	0.28	87	90-110			QM-07

Matrix Spike (9D01014-MS2) Prepared: 04/01/2019 08:31 Analyzed: 04/01/2019 11:37

Source: AC01643-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.92		0.020	mg/L	1.00	0.082	84	90-110			QM-07

Matrix Spike Dup (9D01014-MSD1) Prepared: 04/01/2019 08:31 Analyzed: 04/01/2019 11:56

Source: AC01751-01

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	0.28	93	90-110	5	10	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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.
QB-02	The method blank contains analyte at a concentration above the MDL and/or greater than one-half the MRL. The analyte was not detected in the sample.
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-17	Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.

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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): Louis Cordero Ideatech Services inc	Billing Contact: John Arnold
Sampler(s) Signature:	Site Location / Time Zone: FL/EST

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

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC01643

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	H	N	S	I	I					Sample Comments
	MW-18B	3-25-19	1239	Grab	GW	8	x	x	x	x	x	x					
	MW-19A	3-25-19	1340	Grab	GW	8	x	x	x	x	x	x					
	MW-20B	3-25-19	1457	Grab	GW	8	x	x	x	x	x	x					
	MW-10B	3-25-19	1530	Grab	GW	8	x	x	x	x	x	x					
	MW-9B	3-25-19	1556	Grab	GW	8	x	x	x	x	x	x					
	MW-8B	3-25-19	1625	Grab	GW	8	x	x	x	x	x	x					
	MW-7BR	3-26-19	0957	Grab	GW	8	x	x	x	x	x	x					
	MW-7A	3-26-19	1047	Grab	GW	8	x	x	x	x	x	x					
	MW-4B	3-26-19	1134	Grab	GW	8	x	x	x	x	x	x					
	Duplicate	3-26-19	1134	Grab	GW	8	x	x	x	x	x	x					
	Equipment Blank	3-26-19	1140	Grab	GW	8	x	x	x	x	x	x					
	Trip Blank 2	3-14-19	—	Grab	—	2	—	x	—	—	—	—					

<-- Total # of Containers

Sample Kit Prepared By: ECL	Date/Time: 03/14/19 12:00	Relinquished By: [signature]	Date/Time: 03/14/19 12:00
Received By: [signature]	Date/Time: 3-18-19 1400	Comments/Special Reporting Requirements:	Relinquished By: [signature]
Date/Time: 3/26/19 1621	Received By: [signature]	Date/Time: 3/26/19 1621	Relinquished By:
Date/Time:	Received By:	Date/Time:	Cooler #'s & Temps on Receipt: client cooler 0.4°C ; Lg-507 0.3°C
Condition Upon Receipt: X Acceptable ___ Unacceptable			

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

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

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): Louis Contreras, Ideal Tech Services Inc	Billing Contact: John Arnold
Sampler(s) Signature:	Site Location / Time Zone: FL / EST

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC01643

Requested Analyses / Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8011 (I)	8260D Appendix 1 FL (H)	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Na,Ni,Hg,Pb,Sb,Se,Tl,V,Zn (N)	Ammonia 350.1 (S)	Chloride 300, Nitrate as N 300 (I)	TDS SM2540C (I)					Sample Comments
	MW-6B	3/26/19	1350	Grab	GW	8	X	X	X	X	X	X					
	MW-6	3/26/19	1413	Grab	GW	8	X	X	X	X	X	X					
	Trip Blank 1	3/14/19	—	Grab	-	2	-	X	—	—	—	—					

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 03/14/19 12:00	Relinquished By: [signature]	Date/Time: 03/14/19 12:00
Comments/Special Reporting Requirements		Relinquished By: [signature]	Date/Time: 3/26/19 1620
		Relinquished By	Date/Time

Received By: [signature]	Date/Time: 3/18/19 1400		
Received By: Daniel Clemente	Date/Time: 3/26/19 1620		
Received By	Date/Time		

Cooler #'s & Temps on Receipt: Client cooler 0.4°C ; Lg-507 0.3°C

Condition Upon Receipt: X Acceptable ___ Unacceptable

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

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

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

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

Friday, April 5, 2019
Angelo's Recycled Materials (AN010)
Attn: John Arnold
41111 Enterprise Road
Dade City, FL 33525

RE: Laboratory Results for
Project Number: 87895, Project Name/Desc: ENTERPRISE LF & RECYC -New Wells
ENCO Workorder(s): AC01644

Dear John Arnold,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, March 29, 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,

Carlene S. Pasipanki

Carlene S Pasipanki
Project Manager
Enclosure(s)

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: IW-1 | **Lab ID: AC01644-01** | **Sampled: 03/28/19 11:59** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
CALC	[CALC]	03/30/19	11:59			04/02/19	12:18	04/03/19 12:14
EPA 300.0	NA	03/30/19	11:59			03/29/19	14:24	03/30/19 03:17
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/30/19 03:17
EPA 351.2	Same	04/25/19				04/02/19	12:18	04/03/19 12:14
EPA 6020A	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 13:01
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 09:04
EPA 8270E	EPA 3510C_MS	04/04/19		05/08/19		03/29/19	20:04	04/01/19 19:31
Field	NO PREP	03/28/19	12:13			03/28/19	11:59	03/28/19 11:59
Field	NO PREP	03/29/19	11:59	03/29/19	11:59	03/28/19	11:59	03/28/19 11:59
Field	NO PREP	03/30/19	11:59			03/28/19	11:59	03/28/19 11:59
SM 2120B-2011	NO PREP	03/30/19	11:59			03/29/19	14:43	03/29/19 14:43
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

Client ID: EQUIPMENT BLANK | **Lab ID: AC01644-02** | **Sampled: 03/28/19 12:10** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
CALC	[CALC]	03/30/19	12:10			04/02/19	12:18	04/03/19 12:15
EPA 300.0	NA	03/30/19	12:10			03/29/19	14:24	03/30/19 03:05
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/30/19 03:05
EPA 351.2	Same	04/25/19				04/02/19	12:18	04/03/19 12:15
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 13:24
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 09:26
EPA 8270E	EPA 3510C_MS	04/04/19		05/08/19		03/29/19	20:04	04/01/19 20:02
Field	NO PREP	03/29/19	12:10	03/29/19	12:10	03/28/19	12:10	03/28/19 12:10
SM 2120B-2011	NO PREP	03/30/19	12:10			03/29/19	14:43	03/29/19 14:43
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

Client ID: IW-2 | **Lab ID: AC01644-03** | **Sampled: 03/28/19 12:50** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
CALC	[CALC]	03/30/19	12:50			04/02/19	12:18	04/03/19 12:11
EPA 300.0	NA	03/30/19	12:50			03/29/19	14:24	03/30/19 03:29
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/30/19 03:29
EPA 351.2	Same	04/25/19				04/02/19	12:18	04/03/19 12:11
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 14:05
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 09:14
EPA 8270E	EPA 3510C_MS	04/04/19		05/08/19		03/29/19	20:04	04/01/19 20:32
Field	NO PREP	03/28/19	13:04			03/28/19	12:50	03/28/19 12:50
Field	NO PREP	03/29/19	12:50	03/29/19	12:50	03/28/19	12:50	03/28/19 12:50
Field	NO PREP	03/30/19	12:50			03/28/19	12:50	03/28/19 12:50
SM 2120B-2011	NO PREP	03/30/19	12:50			03/29/19	14:43	03/29/19 14:43
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: IW-3 **Lab ID: AC01644-04** **Sampled: 03/28/19 13:49** **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
CALC	[CALC]	03/30/19	13:49			04/04/19	08:18	04/05/19 11:42
EPA 300.0	NA	03/30/19	13:49			03/29/19	14:24	03/30/19 03:42
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/30/19 03:42
EPA 351.2	Same	04/25/19				04/04/19	08:18	04/05/19 11:42
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 14:09
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 09:17
EPA 8270E	EPA 3510C_MS	04/04/19		05/08/19		03/29/19	20:04	04/01/19 21:03
Field	NO PREP	03/28/19	14:03			03/28/19	13:49	03/28/19 13:49
Field	NO PREP	03/29/19	13:49	03/29/19	13:49	03/28/19	13:49	03/28/19 13:49
Field	NO PREP	03/30/19	13:49			03/28/19	13:49	03/28/19 13:49
SM 2120B-2011	NO PREP	03/30/19	13:49			03/29/19	14:43	03/29/19 14:43
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

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SAMPLE DETECTION SUMMARY

Client ID: IW-1 **Lab ID: AC01644-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	12		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	13.99				Ft	Field	
Dissolved Oxygen	5.62		0	0	mg/L	Field	
Iron - Total	109		38.0	50.0	ug/L	EPA 6020A	
Manganese - Total	11.3		3.20	10.0	ug/L	EPA 6020A	
Nitrate as N	0.44	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	234.1		-999	-999	mV	Field	
pH	5.5				pH Units	Field	
pH for Color (pH units)	6.2				Color Units	SM 2120B-2011	
Sodium - Total	6850		320	1000	ug/L	EPA 6020A	
Specific Conductance (EC)	112.9		0	0	umhos/cm	Field	
Temperature	22.9		0	0	°C	Field	
Total Dissolved Solids	44		10	10	mg/L	SM 2540C-2011	
Total Kjeldahl Nitrogen	0.10		0.037	0.050	mg/L	EPA 351.2	
Total Nitrogen	0.54	I	0.052	1.0	mg/L	CALC	
Turbidity	2.6		0	0	NTU	Field	
Water Elevation	80.4				Ft	Field	

Client ID: EQUIPMENT BLANK **Lab ID: AC01644-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
pH for Color (pH units)	5.6				Color Units	SM 2120B-2011	
Total Kjeldahl Nitrogen	0.057		0.037	0.050	mg/L	EPA 351.2	
Total Nitrogen	0.057	I	0.052	1.0	mg/L	CALC	

Client ID: IW-2 **Lab ID: AC01644-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.1	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	20.4				Ft	Field	
Dissolved Oxygen	0.43		0	0	mg/L	Field	
Iron - Total	134		25.0	50.0	ug/L	EPA 6020B	
Manganese - Total	47.8		5.00	10.0	ug/L	EPA 6020B	
Nitrate as N	9.1		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	106.4		-999	-999	mV	Field	
pH	6.07				pH Units	Field	
pH for Color (pH units)	6.5				Color Units	SM 2120B-2011	
Sodium - Total	4.36		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	382.4		0	0	umhos/cm	Field	
Temperature	25.4		0	0	°C	Field	
Total Dissolved Solids	230		10	10	mg/L	SM 2540C-2011	
Total Kjeldahl Nitrogen	0.059		0.037	0.050	mg/L	EPA 351.2	QM-07, QM-11
Total Nitrogen	9.2		0.052	1.0	mg/L	CALC	
Turbidity	2.5		0	0	NTU	Field	
Water Elevation	74.69				Ft	Field	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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SAMPLE DETECTION SUMMARY

Client ID: IW-3 **Lab ID:** AC01644-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	23		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	25.08				Ft	Field	
Dissolved Oxygen	0.2		0	0	mg/L	Field	
Manganese - Total	130		5.00	10.0	ug/L	EPA 6020B	
Nitrate as N	2.0		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	303.9		-999	-999	mV	Field	
pH	5.07				pH Units	Field	
pH for Color (pH units)	5.8				Color Units	SM 2120B-2011	
Sodium - Total	7.23		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	1730		0	0	umhos/cm	Field	
Temperature	26.1		0	0	°C	Field	
Total Dissolved Solids	100		10	10	mg/L	SM 2540C-2011	
Total Kjeldahl Nitrogen	0.43		0.037	0.050	mg/L	EPA 351.2	
Total Nitrogen	2.4		0.052	1.0	mg/L	CALC	
Turbidity	1		0	0	NTU	Field	
Water Elevation	73.01				Ft	Field	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

Description: IW-1 | **Lab Sample ID:** AC01644-01 | **Received:** 03/29/19 09:25
Matrix: Ground Water | **Sampled:** 03/28/19 11:59 | **Work Order:** AC01644
Project: ENTERPRISE LF & RECYC -New Wells | **Sampled By:** Louis Contento

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorocyclopentadiene [77-47-4]^	3.8	U	ug/L	1	3.8	10	9C29001	EPA 8270E	04/01/19 19:31	jfi	QL-02, QV-01

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*47*	*1*	*50.0*	*93 %*	*33-145*	*9C29001*	*EPA 8270E*	*04/01/19 19:31*	*jfi*	
2-Fluorobiphenyl	*33*	*1*	*50.0*	*65 %*	*32-116*	*9C29001*	*EPA 8270E*	*04/01/19 19:31*	*jfi*	
2-Fluorophenol	*14*	*1*	*50.0*	*28 %*	*11-100*	*9C29001*	*EPA 8270E*	*04/01/19 19:31*	*jfi*	
Nitrobenzene-d5	*32*	*1*	*50.0*	*64 %*	*24-107*	*9C29001*	*EPA 8270E*	*04/01/19 19:31*	*jfi*	
Phenol-d5	*8.6*	*1*	*50.0*	*17 %*	*10-100*	*9C29001*	*EPA 8270E*	*04/01/19 19:31*	*jfi*	
Terphenyl-d14	*63*	*1*	*50.0*	*127 %*	*52-150*	*9C29001*	*EPA 8270E*	*04/01/19 19:31*	*jfi*	

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	9D01023	EPA 7470A	04/02/19 09:04	CRG	

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

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	9D01006	EPA 6020A	04/03/19 13:01	JMA	
Iron [7439-89-6]^	**109**		ug/L	1	38.0	50.0	9D01006	EPA 6020A	04/03/19 13:01	JMA	
Manganese [7439-96-5]^	**11.3**		ug/L	1	3.20	10.0	9D01006	EPA 6020A	04/03/19 13:01	JMA	
Sodium [7440-23-5]^	**6850**		ug/L	1	320	1000	9D01006	EPA 6020A	04/03/19 13:01	JMA	

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]^	**12**		mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/30/19 03:17	RSA	
Color^	5.0	U	Color Units	1	5.0	5.0	9C29028	SM 2120B-2011	03/29/19 14:43	ASR	
Nitrate as N [14797-55-8]^	**0.44**	I	mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/30/19 03:17	RSA	J
Nitrite as N [14797-65-0]^	0.035	U	mg/L	1	0.035	0.10	9C29015	EPA 300.0	03/30/19 03:17	RSA	
pH for Color (pH units)	**6.2**		Color Units	1			9C29028	SM 2120B-2011	03/29/19 14:43	ASR	
Total Dissolved Solids^	**44**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	
Total Kjeldahl Nitrogen^	**0.10**		mg/L	1	0.037	0.050	9D02017	EPA 351.2	04/03/19 12:14	KGonz	
Total Nitrogen [17778-88-0]	**0.54**	I	mg/L	1	0.052	1.0	[CALC]	CALC	04/03/19 12:14	KGonz	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**13.99**		Ft	1			9D04037	Field	03/28/19 11:59	CSP	
Dissolved Oxygen	**5.62**		mg/L	1	0	0	9D04037	Field	03/28/19 11:59	CSP	
Oxidation/Reduction Potential	**234.1**		mV	1	-999	-999	9D04037	Field	03/28/19 11:59	CSP	
pH	**5.5**		pH Units	1			9D04037	Field	03/28/19 11:59	CSP	
Specific Conductance (EC)	**112.9**		umhos/cm	1	0	0	9D04037	Field	03/28/19 11:59	CSP	
Temperature	**22.9**		°C	1	0	0	9D04037	Field	03/28/19 11:59	CSP	
Turbidity	**2.6**		NTU	1	0	0	9D04037	Field	03/28/19 11:59	CSP	
Water Elevation	**80.4**		Ft	1			9D04037	Field	03/28/19 11:59	CSP	

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ANALYTICAL RESULTS

Description: EQUIPMENT BLANK
Matrix: Water
Project: ENTERPRISE LF & RECYC -New Wells

Lab Sample ID: AC01644-02
Sampled: 03/28/19 12:10
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC01644

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorocyclopentadiene [77-47-4]^	3.8	U	ug/L	1	3.8	10	9C29001	EPA 8270E	04/01/19 20:02	jfi	QL-02, QV-01

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*41*	*1*	*50.0*	*82 %*	*33-145*	*9C29001*	*EPA 8270E*	*04/01/19 20:02*	*jfi*	
2-Fluorobiphenyl	*34*	*1*	*50.0*	*68 %*	*32-116*	*9C29001*	*EPA 8270E*	*04/01/19 20:02*	*jfi*	
2-Fluorophenol	*15*	*1*	*50.0*	*29 %*	*11-100*	*9C29001*	*EPA 8270E*	*04/01/19 20:02*	*jfi*	
Nitrobenzene-d5	*36*	*1*	*50.0*	*71 %*	*24-107*	*9C29001*	*EPA 8270E*	*04/01/19 20:02*	*jfi*	
Phenol-d5	*8.9*	*1*	*50.0*	*18 %*	*10-100*	*9C29001*	*EPA 8270E*	*04/01/19 20:02*	*jfi*	
Terphenyl-d14	*70*	*1*	*50.0*	*139 %*	*52-150*	*9C29001*	*EPA 8270E*	*04/01/19 20:02*	*jfi*	

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	9D01023	EPA 7470A	04/02/19 09:26	CRG	

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

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:24	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:24	JMA	
Manganese [7439-96-5]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:24	JMA	
Sodium [7440-23-5]	0.320	U	mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 13:24	JMA	

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]^	0.29	U	mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/30/19 03:05	RSA	
Color^	5.0	U	Color Units	1	5.0	5.0	9C29028	SM 2120B-2011	03/29/19 14:43	ASR	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/30/19 03:05	RSA	U
Nitrite as N [14797-65-0]^	0.035	U	mg/L	1	0.035	0.10	9C29015	EPA 300.0	03/30/19 03:05	RSA	
pH for Color (pH units)	**5.6**		Color Units	1			9C29028	SM 2120B-2011	03/29/19 14:43	ASR	
Total Dissolved Solids^	10	U	mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	
Total Kjeldahl Nitrogen^	**0.057**		mg/L	1	0.037	0.050	9D02017	EPA 351.2	04/03/19 12:15	KGonz	
Total Nitrogen [17778-88-0]	**0.057**	I	mg/L	1	0.052	1.0	[CALC]	CALC	04/03/19 12:15	KGonz	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Water Elevation	**0**		Ft	1			9D04037	Field	03/28/19 12:10	CSP	

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ANALYTICAL RESULTS

Description: IW-2 | **Lab Sample ID:** AC01644-03 | **Received:** 03/29/19 09:25
Matrix: Ground Water | **Sampled:** 03/28/19 12:50 | **Work Order:** AC01644
Project: ENTERPRISE LF & RECYC -New Wells | **Sampled By:** Louis Contento

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorocyclopentadiene [77-47-4]^	3.8	U	ug/L	1	3.8	10	9C29001	EPA 8270E	04/01/19 20:32	jfi	QL-02, QV-01

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*42*	*1*	*49.5*	*84 %*	*33-145*	*9C29001*	*EPA 8270E*	*04/01/19 20:32*	*jfi*	
2-Fluorobiphenyl	*36*	*1*	*49.5*	*73 %*	*32-116*	*9C29001*	*EPA 8270E*	*04/01/19 20:32*	*jfi*	
2-Fluorophenol	*14*	*1*	*49.5*	*29 %*	*11-100*	*9C29001*	*EPA 8270E*	*04/01/19 20:32*	*jfi*	
Nitrobenzene-d5	*35*	*1*	*49.5*	*70 %*	*24-107*	*9C29001*	*EPA 8270E*	*04/01/19 20:32*	*jfi*	
Phenol-d5	*8.7*	*1*	*49.5*	*18 %*	*10-100*	*9C29001*	*EPA 8270E*	*04/01/19 20:32*	*jfi*	
Terphenyl-d14	*62*	*1*	*49.5*	*125 %*	*52-150*	*9C29001*	*EPA 8270E*	*04/01/19 20:32*	*jfi*	

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	9D01023	EPA 7470A	04/02/19 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
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:05	JMA	QV-01
Iron [7439-89-6]	**134**		ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 14:05	JMA	
Manganese [7439-96-5]	**47.8**		ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:05	JMA	
Sodium [7440-23-5]	**4.36**		mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 14:05	JMA	

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]^	**3.1**	I	mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/30/19 03:29	RSA	
Color^	5.0	U	Color Units	1	5.0	5.0	9C29028	SM 2120B-2011	03/29/19 14:43	ASR	
Nitrate as N [14797-55-8]^	**9.1**		mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/30/19 03:29	RSA	
Nitrite as N [14797-65-0]^	0.035	U	mg/L	1	0.035	0.10	9C29015	EPA 300.0	03/30/19 03:29	RSA	
pH for Color (pH units)	**6.5**		Color Units	1			9C29028	SM 2120B-2011	03/29/19 14:43	ASR	
Total Dissolved Solids^	**230**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	
Total Kjeldahl Nitrogen^	**0.059**		mg/L	1	0.037	0.050	9D02017	EPA 351.2	04/03/19 12:11	KGonz	QM-07, QM-11
Total Nitrogen [17778-88-0]	**9.2**		mg/L	1	0.052	1.0	[CALC]	CALC	04/03/19 12:11	KGonz	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**20.4**		Ft	1			9D04037	Field	03/28/19 12:50	CSP	
Dissolved Oxygen	**0.43**		mg/L	1	0	0	9D04037	Field	03/28/19 12:50	CSP	
Oxidation/Reduction Potential	**106.4**		mV	1	-999	-999	9D04037	Field	03/28/19 12:50	CSP	
pH	**6.07**		pH Units	1			9D04037	Field	03/28/19 12:50	CSP	
Specific Conductance (EC)	**382.4**		umhos/cm	1	0	0	9D04037	Field	03/28/19 12:50	CSP	
Temperature	**25.4**		°C	1	0	0	9D04037	Field	03/28/19 12:50	CSP	
Turbidity	**2.5**		NTU	1	0	0	9D04037	Field	03/28/19 12:50	CSP	
Water Elevation	**74.69**		Ft	1			9D04037	Field	03/28/19 12:50	CSP	

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ANALYTICAL RESULTS

Description: IW-3 | **Lab Sample ID:** AC01644-04 | **Received:** 03/29/19 09:25
Matrix: Ground Water | **Sampled:** 03/28/19 13:49 | **Work Order:** AC01644
Project: ENTERPRISE LF & RECYC -New Wells | **Sampled By:** Louis Contento

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorocyclopentadiene [77-47-4]^	3.8	U	ug/L	1	3.8	10	9C29001	EPA 8270E	04/01/19 21:03	jfi	QL-02, QV-01

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*55*	*1*	*49.5*	*111 %*	*33-145*	*9C29001*	*EPA 8270E*	*04/01/19 21:03*	*jfi*	
2-Fluorobiphenyl	*42*	*1*	*49.5*	*85 %*	*32-116*	*9C29001*	*EPA 8270E*	*04/01/19 21:03*	*jfi*	
2-Fluorophenol	*16*	*1*	*49.5*	*32 %*	*11-100*	*9C29001*	*EPA 8270E*	*04/01/19 21:03*	*jfi*	
Nitrobenzene-d5	*40*	*1*	*49.5*	*81 %*	*24-107*	*9C29001*	*EPA 8270E*	*04/01/19 21:03*	*jfi*	
Phenol-d5	*9.8*	*1*	*49.5*	*20 %*	*10-100*	*9C29001*	*EPA 8270E*	*04/01/19 21:03*	*jfi*	
Terphenyl-d14	*65*	*1*	*49.5*	*131 %*	*52-150*	*9C29001*	*EPA 8270E*	*04/01/19 21:03*	*jfi*	

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	9D01023	EPA 7470A	04/02/19 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
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:09	JMA	QV-01
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 14:09	JMA	
Manganese [7439-96-5]	**130**		ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:09	JMA	
Sodium [7440-23-5]	**7.23**		mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 14:09	JMA	

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Chloride [16887-00-6]^	**23**		mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/30/19 03:42	RSA	
Color^	5.0	U	Color Units	1	5.0	5.0	9C29028	SM 2120B-2011	03/29/19 14:43	ASR	
Nitrate as N [14797-55-8]^	**2.0**		mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/30/19 03:42	RSA	
Nitrite as N [14797-65-0]^	0.035	U	mg/L	1	0.035	0.10	9C29015	EPA 300.0	03/30/19 03:42	RSA	
pH for Color (pH units)	**5.8**		Color Units	1			9C29028	SM 2120B-2011	03/29/19 14:43	ASR	
Total Dissolved Solids^	**100**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	
Total Kjeldahl Nitrogen^	**0.43**		mg/L	1	0.037	0.050	9D04012	EPA 351.2	04/05/19 11:42	kgonz	
Total Nitrogen [17778-88-0]	**2.4**		mg/L	1	0.052	1.0	[CALC]	CALC	04/05/19 11:42	kgonz	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**25.08**		Ft	1			9D04037	Field	03/28/19 13:49	CSP	
Dissolved Oxygen	**0.2**		mg/L	1	0	0	9D04037	Field	03/28/19 13:49	CSP	
Oxidation/Reduction Potential	**303.9**		mV	1	-999	-999	9D04037	Field	03/28/19 13:49	CSP	
pH	**5.07**		pH Units	1			9D04037	Field	03/28/19 13:49	CSP	
Specific Conductance (EC)	**1730**		umhos/cm	1	0	0	9D04037	Field	03/28/19 13:49	CSP	
Temperature	**26.1**		°C	1	0	0	9D04037	Field	03/28/19 13:49	CSP	
Turbidity	**1**		NTU	1	0	0	9D04037	Field	03/28/19 13:49	CSP	
Water Elevation	**73.01**		Ft	1			9D04037	Field	03/28/19 13:49	CSP	

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QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9C29001 - EPA 3510C_MS

Blank (9C29001-BLK1) Prepared: 03/29/2019 10:00 Analyzed: 04/01/2019 14:54

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Hexachlorocyclopentadiene	3.8	U	10	ug/L							
2,4,6-Tribromophenol	*45*			*ug/L*	*50.0*		*90*	*33-145*			
2-Fluorobiphenyl	*36*			*ug/L*	*50.0*		*72*	*32-116*			
2-Fluorophenol	*15*			*ug/L*	*50.0*		*29*	*11-100*			
Nitrobenzene-d5	*34*			*ug/L*	*50.0*		*68*	*24-107*			
Phenol-d5	*9.6*	*I*		*ug/L*	*50.0*		*19*	*10-100*			
Terphenyl-d14	*83*			*ug/L*	*50.0*		*166*	*52-150*			*QS-03*

LCS (9C29001-BS1) Prepared: 03/29/2019 10:00 Analyzed: 04/01/2019 16:26

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Hexachlorocyclopentadiene	72		10	ug/L	50.0		144	10-134			QL-02
2,4,6-Tribromophenol	*62*			*ug/L*	*50.0*		*124*	*33-145*			
2-Fluorobiphenyl	*48*			*ug/L*	*50.0*		*96*	*32-116*			
2-Fluorophenol	*21*			*ug/L*	*50.0*		*41*	*11-100*			
Nitrobenzene-d5	*41*			*ug/L*	*50.0*		*83*	*24-107*			
Phenol-d5	*15*			*ug/L*	*50.0*		*29*	*10-100*			
Terphenyl-d14	*75*			*ug/L*	*50.0*		*150*	*52-150*			

Matrix Spike (9C29001-MS1) Prepared: 03/29/2019 10:00 Analyzed: 04/01/2019 16:57

Source: AC02117-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Hexachlorocyclopentadiene	62		10	ug/L	50.0	3.8 U	124	10-134			
2,4,6-Tribromophenol	*55*			*ug/L*	*50.0*		*109*	*33-145*			
2-Fluorobiphenyl	*43*			*ug/L*	*50.0*		*87*	*32-116*			
2-Fluorophenol	*17*			*ug/L*	*50.0*		*35*	*11-100*			
Nitrobenzene-d5	*37*			*ug/L*	*50.0*		*74*	*24-107*			
Phenol-d5	*12*			*ug/L*	*50.0*		*24*	*10-100*			
Terphenyl-d14	*67*			*ug/L*	*50.0*		*134*	*52-150*			

Matrix Spike Dup (9C29001-MSD1) Prepared: 03/29/2019 10:00 Analyzed: 04/01/2019 17:28

Source: AC02117-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Hexachlorocyclopentadiene	73		10	ug/L	50.0	3.8 U	147	10-134	16	28	QM-19
2,4,6-Tribromophenol	*66*			*ug/L*	*50.0*		*132*	*33-145*			
2-Fluorobiphenyl	*52*			*ug/L*	*50.0*		*103*	*32-116*			
2-Fluorophenol	*23*			*ug/L*	*50.0*		*47*	*11-100*			
Nitrobenzene-d5	*44*			*ug/L*	*50.0*		*87*	*24-107*			
Phenol-d5	*15*			*ug/L*	*50.0*		*30*	*10-100*			
Terphenyl-d14	*83*			*ug/L*	*50.0*		*166*	*52-150*			*QS-03*

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9D01023 - EPA 7470A

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QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9D01023 - EPA 7470A - Continued

Blank (9D01023-BLK1) Prepared: 04/01/2019 11:07 Analyzed: 04/02/2019 08:58

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 (9D01023-BS1) Prepared: 04/01/2019 11:07 Analyzed: 04/02/2019 09:01

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		104	80-120			

Matrix Spike (9D01023-MS1) Prepared: 04/01/2019 11:07 Analyzed: 04/02/2019 09:07

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.28		0.200	ug/L	5.00	0.0230 U	106	75-125			

Matrix Spike Dup (9D01023-MSD1) Prepared: 04/01/2019 11:07 Analyzed: 04/02/2019 09:10

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.29		0.200	ug/L	5.00	0.0230 U	106	75-125	0.2	20	

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

Batch 9D01006 - EPA 3005A

Blank (9D01006-BLK1) Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 12:54

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	5.00	U	10.0	ug/L							
Arsenic	6.10	U	10.0	ug/L							
Iron	25.0	U	50.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Manganese	3.20	U	10.0	ug/L							
Manganese	5.00	U	10.0	ug/L							
Sodium	0.500	U	1.00	mg/L							
Sodium	320	U	1000	ug/L							

LCS (9D01006-BS1) Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 12:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	542		10.0	ug/L	500		108	80-120			
Arsenic	542		10.0	ug/L	500		108	80-120			
Iron	1050		50.0	ug/L	1000		105	80-120			
Iron	1050		50.0	ug/L	1000		105	80-120			
Manganese	483		10.0	ug/L	500		97	80-120			
Manganese	483		10.0	ug/L	500		97	80-120			
Sodium	22.7		1.00	mg/L	25.0		91	80-120			
Sodium	22700		1000	ug/L	25000		91	80-120			

Matrix Spike (9D01006-MS1) Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 13:05

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

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QUALITY CONTROL DATA

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

Batch 9D01006 - EPA 3005A - Continued

Matrix Spike (9D01006-MS1) Continued Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 13:05

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	537		10.0	ug/L	500	5.00 U	107	75-125			
Arsenic	537		10.0	ug/L	500	6.10 U	107	75-125			
Iron	1150		50.0	ug/L	1000	109	104	75-125			
Iron	1150		50.0	ug/L	1000	109	104	75-125			
Manganese	497		10.0	ug/L	500	11.3	97	75-125			
Manganese	497		10.0	ug/L	500	11.3	97	75-125			
Sodium	28.5		1.00	mg/L	25.0	6.85	86	75-125			
Sodium	28500		1000	ug/L	25000	6850	86	75-125			

Matrix Spike Dup (9D01006-MSD1) Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 13:09

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	533		10.0	ug/L	500	5.00 U	107	75-125	0.9	20	
Arsenic	533		10.0	ug/L	500	6.10 U	107	75-125	0.9	20	
Iron	1150		50.0	ug/L	1000	109	104	75-125	0.7	20	
Iron	1150		50.0	ug/L	1000	109	104	75-125	0.7	20	
Manganese	491		10.0	ug/L	500	11.3	96	75-125	1	20	
Manganese	491		10.0	ug/L	500	11.3	96	75-125	1	20	
Sodium	28.7		1.00	mg/L	25.0	6.85	87	75-125	0.9	20	
Sodium	28700		1000	ug/L	25000	6850	87	75-125	0.9	20	

Classical Chemistry Parameters - Quality Control

Batch 9C29015 - NO PREP

Blank (9C29015-BLK1) Prepared: 03/29/2019 14:24 Analyzed: 03/29/2019 21:13

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
Nitrite as N	0.035	U	0.10	mg/L							

LCS (9C29015-BS1) Prepared: 03/29/2019 14:24 Analyzed: 03/29/2019 21:28

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	50		5.0	mg/L	50.0		100	90-110			
Nitrate as N	26		1.0	mg/L	25.0		102	90-110			
Nitrite as N	1.0		0.10	mg/L	1.00		104	90-110			

Matrix Spike (9C29015-MS1) Prepared: 03/29/2019 14:24 Analyzed: 03/29/2019 21:44

Source: AC02294-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	69		5.0	mg/L	50.0	16	106	90-110			
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	100	90-110			
Nitrite as N	1.1		0.10	mg/L	1.00	0.035 U	109	90-110			

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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9C29015 - NO PREP - Continued

Matrix Spike (9C29015-MS2) Prepared: 03/29/2019 14:24 Analyzed: 03/30/2019 03:57

Source: AC01644-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	74		5.0	mg/L	50.0	23	103	90-110			
Nitrate as N	27		1.0	mg/L	25.0	2.0	102	90-110			
Nitrite as N	1.1		0.10	mg/L	1.00	0.035 U	108	90-110			

Matrix Spike Dup (9C29015-MSD1) Prepared: 03/29/2019 14:24 Analyzed: 03/29/2019 21:59

Source: AC02294-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	69		5.0	mg/L	50.0	16	105	90-110	0.3	10	
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	101	90-110	2	10	
Nitrite as N	1.1		0.10	mg/L	1.00	0.035 U	109	90-110	0.7	10	

Matrix Spike Dup (9C29015-MSD2) Prepared: 03/29/2019 14:24 Analyzed: 03/30/2019 04:13

Source: AC01644-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	75		5.0	mg/L	50.0	23	104	90-110	0.4	10	
Nitrate as N	28		1.0	mg/L	25.0	2.0	102	90-110	0.5	10	
Nitrite as N	1.1		0.10	mg/L	1.00	0.035 U	110	90-110	1	10	

Batch 9C29028 - NO PREP

Blank (9C29028-BLK1) Prepared & Analyzed: 03/29/2019 14:43

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Color	5.0	U	5.0	Color Units							

LCS (9C29028-BS1) Prepared & Analyzed: 03/29/2019 14:43

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Color	30		5.0	Color Units	30.0		100	90-110			

Duplicate (9C29028-DUP1) Prepared & Analyzed: 03/29/2019 14:43

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Color	5.0	U	5.0	Color Units		5.0 U				10	
pH for Color (pH units)	6.2			Color Units		6.2			0	200	

Batch 9D01045 - NO PREP

Blank (9D01045-BLK1) Prepared: 04/01/2019 15:56 Analyzed: 04/02/2019 21:33

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 (9D01045-BS1) Prepared: 04/01/2019 15:56 Analyzed: 04/02/2019 21:33

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			

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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9D01045 - NO PREP - Continued

Duplicate (9D01045-DUP1) Prepared: 04/01/2019 15:56 Analyzed: 04/02/2019 21:33

Source: AC01644-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	230		10	mg/L		230			2	20	

Batch 9D02017 - NO PREP

Blank (9D02017-BLK1) Prepared: 04/02/2019 12:18 Analyzed: 04/03/2019 12:08

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	0.037	U	0.050	mg/L							

LCS (9D02017-BS1) Prepared: 04/02/2019 12:18 Analyzed: 04/03/2019 12:09

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	2.6		0.050	mg/L	2.50		104	90-110			

Matrix Spike (9D02017-MS1) Prepared: 04/02/2019 12:18 Analyzed: 04/03/2019 12:12

Source: AC01644-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	1.5		0.050	mg/L	2.50	0.059	59	90-110			QM-07, QM-11

Matrix Spike (9D02017-MS2) Prepared: 04/02/2019 12:18 Analyzed: 04/03/2019 12:25

Source: AC02304-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	3.1		0.050	mg/L	2.50	0.53	104	90-110			

Matrix Spike Dup (9D02017-MSD1) Prepared: 04/02/2019 12:18 Analyzed: 04/03/2019 12:13

Source: AC01644-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	1.9		0.050	mg/L	2.50	0.059	72	90-110	20	10	QM-07, QM-11

Batch 9D04012 - NO PREP

Blank (9D04012-BLK1) Prepared: 04/04/2019 08:18 Analyzed: 04/05/2019 11:40

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	0.037	U	0.050	mg/L							

LCS (9D04012-BS1) Prepared: 04/04/2019 08:18 Analyzed: 04/05/2019 11:41

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	2.4		0.050	mg/L	2.50		98	90-110			

Matrix Spike (9D04012-MS1) Prepared: 04/04/2019 08:18 Analyzed: 04/05/2019 12:01

Source: AC02415-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	3.7		0.050	mg/L	2.50	1.1	103	90-110			

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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9D04012 - NO PREP - Continued

Matrix Spike (9D04012-MS2) Prepared: 04/04/2019 08:18 Analyzed: 04/05/2019 11:45

Source: AC02388-20

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	3.6		0.050	mg/L	2.50	0.98	104	90-110			

Matrix Spike Dup (9D04012-MSD1) Prepared: 04/04/2019 08:18 Analyzed: 04/05/2019 12:02

Source: AC02415-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Kjeldahl Nitrogen	3.7		0.050	mg/L	2.50	1.1	105	90-110	1	10	

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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.
QS-03	Surrogate recovery outside acceptance limits
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.

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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: Angelo's Recycled Materials (AN010)	Project Number: 87895
Address: 41111 Enterprise Road	Project Name/Desc: ENTERPRISE LF & RECYC -New Wells
City/ST/Zip: Dade City, FL 33525	PO # / Billing Info:
Tel: (352) 339-1408 Fax:	Reporting Contact: John Arnold
Sampler(s) Name, Affiliation (Print): Louis Contento Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature:	Site Location / Time Zone: FL/EST

Requested Analyses

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AC01644

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8270E Extended	As,Fe,Hg,Mn,Na	Chloride 300,Color SM2120B,Nitrate as N 300,Nitrite as N 300	TDS SM2540C	TKN 351.2						Sample Comments
							I	N	I	I	I						
	IW-1 (3-28-19)	3-28-19	1159	Grab	GW	4	x	x	x	x	x						
	EQUIPMENT BLANK	3-28-19	1210	Grab	O	4	x	x	x	x	x						Field DI Water
	IW-2	3-28-19	1250	Grab	GW	4	x	x	x	x	x						
	IW-3	3-28-19	1349	Grab	GW	4	x	x	x	x	x						

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 03/13/19 17:30	Relinquished By:	Date/Time: 03/13/19 17:30
Comments/Special Reporting Requirements:	Relinquished By:	Date/Time: 03/29/19 0925	Received By: Rosa Manual
	Relinquished By:	Date/Time:	Received By:
	Cooler #'s & Temps on Receipt: C-4006 0.7°		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable

Received By:	Date/Time: 3/18/19 1400		
Received By:	Date/Time: 3/29/19 9:25		
Received By:	Date/Time:		

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, April 8, 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): AC02294

Dear Walker Wrenn,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, March 29, 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,

Carlene S. Pasipanki

Carlene S Pasipanki

Project Manager

Enclosure(s)

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: BW-1B | **Lab ID: AC02294-01** | **Sampled: 03/28/19 09:16** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/30/19	09:16			03/29/19	14:24	03/29/19 22:30
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/29/19 22:30
EPA 350.1	Same	04/25/19				04/01/19	08:54	04/01/19 13:24
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 13:43
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 09:20
EPA 8011	EPA 504/8011	04/11/19				03/29/19	11:00	03/29/19 11:28
EPA 8260D	EPA 5030B_MS	04/11/19				04/05/19	14:25	04/06/19 08:32
Field	NO PREP	03/28/19	09:30			03/28/19	09:16	03/28/19 09:16
Field	NO PREP	03/29/19	09:16	03/29/19	09:16	03/28/19	09:16	03/28/19 09:16
Field	NO PREP	03/30/19	09:16			03/28/19	09:16	03/28/19 09:16
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

Client ID: MW-5AR | **Lab ID: AC02294-02** | **Sampled: 03/28/19 09:56** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/30/19	09:56			03/29/19	14:24	03/29/19 22:15
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/29/19 22:15
EPA 350.1	Same	04/25/19				04/01/19	08:54	04/01/19 13:25
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 13:47
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 09:23
EPA 8011	EPA 504/8011	04/11/19				03/29/19	11:00	03/29/19 11:43
EPA 8260D	EPA 5030B_MS	04/11/19				04/05/19	14:25	04/06/19 09:02
Field	NO PREP	03/28/19	10:10			03/28/19	09:56	03/28/19 09:56
Field	NO PREP	03/29/19	09:56	03/29/19	09:56	03/28/19	09:56	03/28/19 09:56
Field	NO PREP	03/30/19	09:56			03/28/19	09:56	03/28/19 09:56
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

Client ID: MW-5BR | **Lab ID: AC02294-03** | **Sampled: 03/28/19 10:28** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/30/19	10:28			03/29/19	14:24	03/29/19 22:43
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/29/19 22:43
EPA 350.1	Same	04/25/19				04/01/19	08:54	04/01/19 13:27
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 13:50
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 10:24
EPA 8011	EPA 504/8011	04/11/19				03/29/19	11:00	03/29/19 11:59
EPA 8260D	EPA 5030B_MS	04/11/19				04/05/19	14:25	04/06/19 09:32
Field	NO PREP	03/28/19	10:42			03/28/19	10:28	03/28/19 10:28
Field	NO PREP	03/29/19	10:28	03/29/19	10:28	03/28/19	10:28	03/28/19 10:28
Field	NO PREP	03/30/19	10:28			03/28/19	10:28	03/28/19 10:28
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

Client ID: MW-3B | **Lab ID: AC02294-04** | **Sampled: 03/28/19 10:58** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/30/19	10:58			03/29/19	14:24	03/29/19 22:55
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/29/19 22:55
EPA 350.1	Same	04/25/19				04/01/19	08:54	04/01/19 13:28
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 13:54
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 10:27
EPA 8011	EPA 504/8011	04/11/19				03/29/19	11:00	03/29/19 12:15
EPA 8260D	EPA 5030B_MS	04/11/19				04/05/19	14:25	04/06/19 10:02
Field	NO PREP	03/28/19	11:12			03/28/19	10:58	03/28/19 10:58
Field	NO PREP	03/29/19	10:58	03/29/19	10:58	03/28/19	10:58	03/28/19 10:58
Field	NO PREP	03/30/19	10:58			03/28/19	10:58	03/28/19 10:58
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-17B | **Lab ID: AC02294-05** | **Sampled: 03/28/19 11:22** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/30/19	11:22			03/29/19	14:24	03/29/19 23:07
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/29/19 23:07
EPA 350.1	Same	04/25/19				04/01/19	08:54	04/01/19 13:29
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 13:58
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 10:30
EPA 8011	EPA 504/8011	04/11/19				03/29/19	11:00	03/29/19 12:31
EPA 8260D	EPA 5030B_MS	04/11/19				04/05/19	14:25	04/06/19 10:32
Field	NO PREP	03/28/19	11:36			03/28/19	11:22	03/28/19 11:22
Field	NO PREP	03/29/19	11:22	03/29/19	11:22	03/28/19	11:22	03/28/19 11:22
Field	NO PREP	03/30/19	11:22			03/28/19	11:22	03/28/19 11:22
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

Client ID: Supply Well | **Lab ID: AC02294-06** | **Sampled: 03/28/19 14:12** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	03/30/19	14:12			03/29/19	14:24	03/29/19 23:19
EPA 300.0	NA	04/25/19				03/29/19	14:24	03/29/19 23:19
EPA 350.1	Same	04/25/19				04/01/19	08:54	04/01/19 13:30
EPA 6020B	EPA 3005A	09/24/19				04/01/19	09:18	04/03/19 14:01
EPA 7470A	EPA 7470A	04/25/19				04/01/19	11:07	04/02/19 10:34
EPA 8011	EPA 504/8011	04/11/19				03/29/19	11:00	03/29/19 12:46
EPA 8260D	EPA 5030B_MS	04/11/19				04/05/19	14:25	04/06/19 11:02
Field	NO PREP	03/28/19	14:26			03/28/19	14:12	03/28/19 14:12
Field	NO PREP	03/29/19	14:12	03/29/19	14:12	03/28/19	14:12	03/28/19 14:12
Field	NO PREP	03/30/19	14:12			03/28/19	14:12	03/28/19 14:12
SM 2540C-2011	NO PREP	04/04/19				04/01/19	15:56	04/02/19 21:33

Client ID: TRIP BLANK 3 | **Lab ID: AC02294-07** | **Sampled: 03/28/19 00:00** | **Received: 03/29/19 09:25**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260D	EPA 5030B_MS	04/11/19	04/05/19 14:25	04/06/19 11:33

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SAMPLE DETECTION SUMMARY

Client ID: BW-1B **Lab ID: AC02294-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	17		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	51.37				Ft	Field	
Dissolved Oxygen	7.6		0	0	mg/L	Field	
Nitrate as N	5.5		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	259.2		-999	-999	mV	Field	
pH	6.91				pH Units	Field	
Sodium - Total	7.71		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	273.7		0	0	umhos/cm	Field	
Temperature	24.1		0	0	°C	Field	
Total Dissolved Solids	180		10	10	mg/L	SM 2540C-2011	
Turbidity	0.7		0	0	NTU	Field	
Water Elevation	71.62				Ft	Field	

Client ID: MW-5AR **Lab ID: AC02294-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.015	I	0.0098	0.020	mg/L	EPA 350.1	J
Chloride	16		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	18.21				Ft	Field	
Dissolved Oxygen	0.08		0	0	mg/L	Field	
Iron - Total	4360		25.0	50.0	ug/L	EPA 6020B	
Oxidation/Reduction Potential	39.7		-999	-999	mV	Field	
pH	5.26				pH Units	Field	
Sodium - Total	9.11		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	169.9		0	0	umhos/cm	Field	
Temperature	24.2		0	0	°C	Field	
Total Dissolved Solids	130		10	10	mg/L	SM 2540C-2011	
Turbidity	4.5		0	0	NTU	Field	
Water Elevation	76.71				Ft	Field	

Client ID: MW-5BR **Lab ID: AC02294-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.2	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	23.7				Ft	Field	
Dissolved Oxygen	2.13		0	0	mg/L	Field	
Nitrate as N	0.62	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	146		-999	-999	mV	Field	
pH	6.89				pH Units	Field	
Sodium - Total	3.61		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	336.8		0	0	umhos/cm	Field	
Temperature	24.1		0	0	°C	Field	
Total Dissolved Solids	190		10	10	mg/L	SM 2540C-2011	
Turbidity	1		0	0	NTU	Field	
Water Elevation	70.8				Ft	Field	

Client ID: MW-3B **Lab ID: AC02294-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	6.5		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	13.35				Ft	Field	
Dissolved Oxygen	0.87		0	0	mg/L	Field	
Nitrate as N	0.54	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	136.1		-999	-999	mV	Field	
pH	7.18				pH Units	Field	
Sodium - Total	5.12		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	408.4		0	0	umhos/cm	Field	
Temperature	24		0	0	°C	Field	
Total Dissolved Solids	230		10	10	mg/L	SM 2540C-2011	
Turbidity	0.2		0	0	NTU	Field	
Water Elevation	408.4				Ft	Field	

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SAMPLE DETECTION SUMMARY

Client ID: MW-17B **Lab ID: AC02294-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	8.1		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	15.64				Ft	Field	
Dissolved Oxygen	2.83		0	0	mg/L	Field	
Mercury - Total	0.941		0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	2.0		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	194.8		-999	-999	mV	Field	
pH	6.76				pH Units	Field	
Sodium - Total	7.36		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	640		0	0	umhos/cm	Field	
Temperature	23.7		0	0	°C	Field	
Total Dissolved Solids	370		10	10	mg/L	SM 2540C-2011	
Turbidity	2.53		0	0	NTU	Field	
Water Elevation	71.76				Ft	Field	

Client ID: Supply Well **Lab ID: AC02294-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.086		0.0098	0.020	mg/L	EPA 350.1	
Chloride	11		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.15		0	0	mg/L	Field	
Nitrate as N	1.8		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	156.1		-999	-999	mV	Field	
pH	7.09				pH Units	Field	
Sodium - Total	6.85		0.320	1.00	mg/L	EPA 6020B	
Specific Conductance (EC)	454.3		0	0	umhos/cm	Field	
Temperature	24.3		0	0	°C	Field	
Total Dissolved Solids	270		10	10	mg/L	SM 2540C-2011	
Turbidity	0.4		0	0	NTU	Field	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

Description: BW-1B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-01
Sampled: 03/28/19 09:16
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 08:32	KKW	U

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ANALYTICAL RESULTS

Description:	BW-1B	**Lab Sample ID:**	AC02294-01	**Received:**	03/29/19 09:25
Matrix:	Ground Water	**Sampled:**	03/28/19 09:16	**Work Order:**	AC02294
Project:	ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)	**Sampled By:**	Louis Contento		

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	9D05036	EPA 8260D	04/06/19 08:32	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*105 %*	*41-142*	*9D05036*	*EPA 8260D*	*04/06/19 08:32*	*KKW*	
Dibromofluoromethane	*51*	*1*	*50.0*	*103 %*	*53-146*	*9D05036*	*EPA 8260D*	*04/06/19 08:32*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*9D05036*	*EPA 8260D*	*04/06/19 08:32*	*KKW*	

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	9C28030	EPA 8011	03/29/19 11:28	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C28030	EPA 8011	03/29/19 11:28	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*	*9C28030*	*EPA 8011*	*03/29/19 11:28*	*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	9D01023	EPA 7470A	04/02/19 09:20	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	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	QV-01
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Sodium [7440-23-5]	**7.71**		mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:43	JMA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

Description: BW-1B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-01
Sampled: 03/28/19 09:16
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D01016	EPA 350.1	04/01/19 13:24	KGonz	U
Chloride [16887-00-6]^	**17**		mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/29/19 22:30	RSA	
Nitrate as N [14797-55-8]^	**5.5**		mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/29/19 22:30	RSA	
Total Dissolved Solids^	**180**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**51.37**		Ft	1			9D04031	Field	03/28/19 09:16	CSP	
Dissolved Oxygen	**7.6**		mg/L	1	0	0	9D04031	Field	03/28/19 09:16	CSP	
Oxidation/Reduction Potential	**259.2**		mV	1	-999	-999	9D04031	Field	03/28/19 09:16	CSP	
pH	**6.91**		pH Units	1			9D04031	Field	03/28/19 09:16	CSP	
Specific Conductance (EC)	**273.7**		umhos/cm	1	0	0	9D04031	Field	03/28/19 09:16	CSP	
Temperature	**24.1**		°C	1	0	0	9D04031	Field	03/28/19 09:16	CSP	
Turbidity	**0.7**		NTU	1	0	0	9D04031	Field	03/28/19 09:16	CSP	
Water Elevation	**71.62**		Ft	1			9D04031	Field	03/28/19 09:16	CSP	

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ANALYTICAL RESULTS

Description: MW-5AR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-02
Sampled: 03/28/19 09:56
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 09:02	KKW	U

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ANALYTICAL RESULTS

Description: MW-5AR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-02
Sampled: 03/28/19 09:56
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 09:02	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*54*	*1*	*50.0*	*108 %*	*41-142*	*9D05036*	*EPA 8260D*	*04/06/19 09:02*	*KKW*	
Dibromofluoromethane	*52*	*1*	*50.0*	*104 %*	*53-146*	*9D05036*	*EPA 8260D*	*04/06/19 09:02*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9D05036*	*EPA 8260D*	*04/06/19 09:02*	*KKW*	

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	9C28030	EPA 8011	03/29/19 11:43	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C28030	EPA 8011	03/29/19 11:43	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*	*9C28030*	*EPA 8011*	*03/29/19 11:43*	*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	9D01023	EPA 7470A	04/02/19 09:23	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	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:47	JMA	QV-01
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Iron [7439-89-6]	**4360**		ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Sodium [7440-23-5]	**9.11**		mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:47	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:47	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: AC02294-02
Sampled: 03/28/19 09:56
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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]^	**0.015**	I	mg/L	1	0.0098	0.020	9D01016	EPA 350.1	04/01/19 13:25	KGonz	J
Chloride [16887-00-6]^	**16**		mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/29/19 22:15	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/29/19 22:15	RSA	U
Total Dissolved Solids^	**130**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**18.21**		Ft	1			9D04031	Field	03/28/19 09:56	CSP	
Dissolved Oxygen	**0.08**		mg/L	1	0	0	9D04031	Field	03/28/19 09:56	CSP	
Oxidation/Reduction Potential	**39.7**		mV	1	-999	-999	9D04031	Field	03/28/19 09:56	CSP	
pH	**5.26**		pH Units	1			9D04031	Field	03/28/19 09:56	CSP	
Specific Conductance (EC)	**169.9**		umhos/cm	1	0	0	9D04031	Field	03/28/19 09:56	CSP	
Temperature	**24.2**		°C	1	0	0	9D04031	Field	03/28/19 09:56	CSP	
Turbidity	**4.5**		NTU	1	0	0	9D04031	Field	03/28/19 09:56	CSP	
Water Elevation	**76.71**		Ft	1			9D04031	Field	03/28/19 09:56	CSP	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

Description: MW-5BR
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-03
Sampled: 03/28/19 10:28
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 09:32	KKW	U

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ANALYTICAL RESULTS

Description:	MW-5BR	**Lab Sample ID:**	AC02294-03	**Received:**	03/29/19 09:25
Matrix:	Ground Water	**Sampled:**	03/28/19 10:28	**Work Order:**	AC02294
Project:	ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)	**Sampled By:**	Louis Contento		

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	9D05036	EPA 8260D	04/06/19 09:32	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*106 %*	*41-142*	*9D05036*	*EPA 8260D*	*04/06/19 09:32*	*KKW*	
Dibromofluoromethane	*51*	*1*	*50.0*	*101 %*	*53-146*	*9D05036*	*EPA 8260D*	*04/06/19 09:32*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*9D05036*	*EPA 8260D*	*04/06/19 09:32*	*KKW*	

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	9C28030	EPA 8011	03/29/19 11:59	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C28030	EPA 8011	03/29/19 11:59	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.28*	*1*	*0.250*	*110 %*	*70-130*	*9C28030*	*EPA 8011*	*03/29/19 11:59*	*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	9D01023	EPA 7470A	04/02/19 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	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:50	JMA	QV-01
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Sodium [7440-23-5]	**3.61**		mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:50	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:50	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: AC02294-03
Sampled: 03/28/19 10:28
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D01016	EPA 350.1	04/01/19 13:27	KGonz	U
Chloride [16887-00-6]^	**4.2**	I	mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/29/19 22:43	RSA	
Nitrate as N [14797-55-8]^	**0.62**	I	mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/29/19 22:43	RSA	J
Total Dissolved Solids^	**190**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**23.7**		Ft	1			9D04031	Field	03/28/19 10:28	CSP	
Dissolved Oxygen	**2.13**		mg/L	1	0	0	9D04031	Field	03/28/19 10:28	CSP	
Oxidation/Reduction Potential	**146**		mV	1	-999	-999	9D04031	Field	03/28/19 10:28	CSP	
pH	**6.89**		pH Units	1			9D04031	Field	03/28/19 10:28	CSP	
Specific Conductance (EC)	**336.8**		umhos/cm	1	0	0	9D04031	Field	03/28/19 10:28	CSP	
Temperature	**24.1**		°C	1	0	0	9D04031	Field	03/28/19 10:28	CSP	
Turbidity	**1**		NTU	1	0	0	9D04031	Field	03/28/19 10:28	CSP	
Water Elevation	**70.8**		Ft	1			9D04031	Field	03/28/19 10:28	CSP	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

Description: MW-3B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-04
Sampled: 03/28/19 10:58
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 10:02	KKW	U

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ANALYTICAL RESULTS

Description: MW-3B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-04
Sampled: 03/28/19 10:58
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 10:02	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*103 %*	*41-142*	*9D05036*	*EPA 8260D*	*04/06/19 10:02*	*KKW*	
Dibromofluoromethane	*52*	*1*	*50.0*	*105 %*	*53-146*	*9D05036*	*EPA 8260D*	*04/06/19 10:02*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*101 %*	*41-146*	*9D05036*	*EPA 8260D*	*04/06/19 10:02*	*KKW*	

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	9C28030	EPA 8011	03/29/19 12:15	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C28030	EPA 8011	03/29/19 12:15	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*105 %*	*70-130*	*9C28030*	*EPA 8011*	*03/29/19 12:15*	*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	9D01023	EPA 7470A	04/02/19 10:27	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	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	QV-01
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Sodium [7440-23-5]	**5.12**		mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:54	JMA	

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ANALYTICAL RESULTS

Description: MW-3B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-04
Sampled: 03/28/19 10:58
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D01016	EPA 350.1	04/01/19 13:28	KGonz	U
Chloride [16887-00-6]^	**6.5**		mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/29/19 22:55	RSA	
Nitrate as N [14797-55-8]^	**0.54**	I	mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/29/19 22:55	RSA	J
Total Dissolved Solids^	**230**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**13.35**		Ft	1			9D04031	Field	03/28/19 10:58	CSP	
Dissolved Oxygen	**0.87**		mg/L	1	0	0	9D04031	Field	03/28/19 10:58	CSP	
Oxidation/Reduction Potential	**136.1**		mV	1	-999	-999	9D04031	Field	03/28/19 10:58	CSP	
pH	**7.18**		pH Units	1			9D04031	Field	03/28/19 10:58	CSP	
Specific Conductance (EC)	**408.4**		umhos/cm	1	0	0	9D04031	Field	03/28/19 10:58	CSP	
Temperature	**24**		°C	1	0	0	9D04031	Field	03/28/19 10:58	CSP	
Turbidity	**0.2**		NTU	1	0	0	9D04031	Field	03/28/19 10:58	CSP	
Water Elevation	**408.4**		Ft	1			9D04031	Field	03/28/19 10:58	CSP	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

Description: MW-17B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-05
Sampled: 03/28/19 11:22
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 10:32	KKW	U

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ANALYTICAL RESULTS

Description: MW-17B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-05
Sampled: 03/28/19 11:22
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 10:32	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*107 %*	*41-142*	*9D05036*	*EPA 8260D*	*04/06/19 10:32*	*KKW*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*53-146*	*9D05036*	*EPA 8260D*	*04/06/19 10:32*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9D05036*	*EPA 8260D*	*04/06/19 10:32*	*KKW*	

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	9C28030	EPA 8011	03/29/19 12:31	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C28030	EPA 8011	03/29/19 12:31	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.26*	*1*	*0.250*	*104 %*	*70-130*	*9C28030*	*EPA 8011*	*03/29/19 12:31*	*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]^	**0.941**		ug/L	1	0.0230	0.200	9D01023	EPA 7470A	04/02/19 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	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	QV-01
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Sodium [7440-23-5]	**7.36**		mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 13:58	JMA	

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ANALYTICAL RESULTS

Description: MW-17B
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AC02294-05
Sampled: 03/28/19 11:22
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D01016	EPA 350.1	04/01/19 13:29	KGonz	U
Chloride [16887-00-6]^	**8.1**		mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/29/19 23:07	RSA	
Nitrate as N [14797-55-8]^	**2.0**		mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/29/19 23:07	RSA	
Total Dissolved Solids^	**370**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**15.64**		Ft	1			9D04031	Field	03/28/19 11:22	CSP	
Dissolved Oxygen	**2.83**		mg/L	1	0	0	9D04031	Field	03/28/19 11:22	CSP	
Oxidation/Reduction Potential	**194.8**		mV	1	-999	-999	9D04031	Field	03/28/19 11:22	CSP	
pH	**6.76**		pH Units	1			9D04031	Field	03/28/19 11:22	CSP	
Specific Conductance (EC)	**640**		umhos/cm	1	0	0	9D04031	Field	03/28/19 11:22	CSP	
Temperature	**23.7**		°C	1	0	0	9D04031	Field	03/28/19 11:22	CSP	
Turbidity	**2.53**		NTU	1	0	0	9D04031	Field	03/28/19 11:22	CSP	
Water Elevation	**71.76**		Ft	1			9D04031	Field	03/28/19 11:22	CSP	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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ANALYTICAL RESULTS

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

Lab Sample ID: AC02294-06
Sampled: 03/28/19 14:12
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 11:02	KKW	U

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ANALYTICAL RESULTS

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

Lab Sample ID: AC02294-06
Sampled: 03/28/19 14:12
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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	9D05036	EPA 8260D	04/06/19 11:02	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*107 %*	*41-142*	*9D05036*	*EPA 8260D*	*04/06/19 11:02*	*KKW*	
Dibromofluoromethane	*52*	*1*	*50.0*	*105 %*	*53-146*	*9D05036*	*EPA 8260D*	*04/06/19 11:02*	*KKW*	
Toluene-d8	*50*	*1*	*50.0*	*99 %*	*41-146*	*9D05036*	*EPA 8260D*	*04/06/19 11:02*	*KKW*	

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	9C28030	EPA 8011	03/29/19 12:46	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	9C28030	EPA 8011	03/29/19 12:46	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.23*	*1*	*0.250*	*93 %*	*70-130*	*9C28030*	*EPA 8011*	*03/29/19 12:46*	*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	9D01023	EPA 7470A	04/02/19 10:34	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	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Arsenic [7440-38-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	QV-01
Barium [7440-39-3]	50.0	U	ug/L	1	50.0	100	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Beryllium [7440-41-7]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Cadmium [7440-43-9]	0.500	U	ug/L	1	0.500	3.00	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Chromium [7440-47-3]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Cobalt [7440-48-4]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Copper [7440-50-8]	2.50	U	ug/L	1	2.50	10.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Iron [7439-89-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Lead [7439-92-1]	2.50	U	ug/L	1	2.50	5.00	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Nickel [7440-02-0]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Selenium [7782-49-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Silver [7440-22-4]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Sodium [7440-23-5]	**6.85**		mg/L	1	0.320	1.00	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Thallium [7440-28-0]	0.500	U	ug/L	1	0.500	1.00	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Vanadium [7440-62-2]	5.00	U	ug/L	1	5.00	10.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	
Zinc [7440-66-6]	25.0	U	ug/L	1	25.0	50.0	9D01006	EPA 6020B	04/03/19 14:01	JMA	

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ANALYTICAL RESULTS

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

Lab Sample ID: AC02294-06
Sampled: 03/28/19 14:12
Sampled By: Louis Contento

Received: 03/29/19 09:25
Work Order: AC02294

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]^	**0.086**		mg/L	1	0.0098	0.020	9D01016	EPA 350.1	04/01/19 13:30	KGonz	
Chloride [16887-00-6]^	**11**		mg/L	1	0.29	5.0	9C29015	EPA 300.0	03/29/19 23:19	RSA	
Nitrate as N [14797-55-8]^	**1.8**		mg/L	1	0.052	1.0	9C29015	EPA 300.0	03/29/19 23:19	RSA	
Total Dissolved Solids^	**270**		mg/L	1	10	10	9D01045	SM 2540C-2011	04/02/19 21:33	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen	**0.15**		mg/L	1	0	0	9D04031	Field	03/28/19 14:12	CSP	
Oxidation/Reduction Potential	**156.1**		mV	1	-999	-999	9D04031	Field	03/28/19 14:12	CSP	
pH	**7.09**		pH Units	1			9D04031	Field	03/28/19 14:12	CSP	
Specific Conductance (EC)	**454.3**		umhos/cm	1	0	0	9D04031	Field	03/28/19 14:12	CSP	
Temperature	**24.3**		°C	1	0	0	9D04031	Field	03/28/19 14:12	CSP	
Turbidity	**0.4**		NTU	1	0	0	9D04031	Field	03/28/19 14:12	CSP	

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ANALYTICAL RESULTS

Description: TRIP BLANK 3 | **Lab Sample ID:** AC02294-07 | **Received:** 03/29/19 09:25

Matrix: Water | **Sampled:** 03/28/19 00:00 | **Work Order:** AC02294

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	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	QL-02, QV-01, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	9D05036	EPA 8260D	04/06/19 11:33	KKW	U

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ANALYTICAL RESULTS

Description:	TRIP BLANK 3	**Lab Sample ID:**	AC02294-07	**Received:**	03/29/19 09:25
Matrix:	Water	**Sampled:**	03/28/19 00:00	**Work Order:**	AC02294
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	9D05036	EPA 8260D	04/06/19 11:33	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*107 %*	*41-142*	*9D05036*	*EPA 8260D*	*04/06/19 11:33*	*KKW*	
Dibromofluoromethane	*52*	*1*	*50.0*	*103 %*	*53-146*	*9D05036*	*EPA 8260D*	*04/06/19 11:33*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*9D05036*	*EPA 8260D*	*04/06/19 11:33*	*KKW*	

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QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9D05036 - EPA 5030B_MS

Blank (9D05036-BLK1) Prepared: 04/05/2019 14:25 Analyzed: 04/06/2019 07:31

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	*54*			*ug/L*	*50.0*		*109*	*41-142*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*105*	*53-146*			

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QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 9D05036 - EPA 5030B_MS - Continued

Blank (9D05036-BLK1) Continued Prepared: 04/05/2019 14:25 Analyzed: 04/06/2019 07:31

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 (9D05036-BS1) Prepared: 04/05/2019 14:25 Analyzed: 04/06/2019 05:31

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		107	47-139			
Benzene	22		1.0	ug/L	20.0		110	56-136			
Chlorobenzene	22		1.0	ug/L	20.0		110	51-139			
Toluene	22		1.0	ug/L	20.0		109	64-131			
Trichloroethene	22		1.0	ug/L	20.0		111	62-135			
4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*108*	*41-142*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*107*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*41-146*			

Matrix Spike (9D05036-MS1) Prepared: 04/05/2019 14:25 Analyzed: 04/06/2019 06:01

Source: AC02294-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	23		1.0	ug/L	20.0	0.94 U	116	47-139			
Benzene	24		1.0	ug/L	20.0	0.71 U	119	56-136			
Chlorobenzene	23		1.0	ug/L	20.0	0.72 U	113	51-139			
Toluene	23		1.0	ug/L	20.0	0.72 U	115	64-131			
Trichloroethene	23		1.0	ug/L	20.0	0.89 U	116	62-135			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*41-142*			
Dibromofluoromethane	*54*			*ug/L*	*50.0*		*108*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Matrix Spike Dup (9D05036-MSD1) Prepared: 04/05/2019 14:25 Analyzed: 04/06/2019 06:31

Source: AC02294-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.94 U	112	47-139	4	16	
Benzene	23		1.0	ug/L	20.0	0.71 U	115	56-136	3	14	
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	110	51-139	3	13	
Toluene	22		1.0	ug/L	20.0	0.72 U	112	64-131	3	16	
Trichloroethene	23		1.0	ug/L	20.0	0.89 U	114	62-135	2	20	
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*106*	*41-142*			
Dibromofluoromethane	*52*			*ug/L*	*50.0*		*105*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Semivolatile Organic Compounds by GC - Quality Control

Batch 9C28030 - EPA 504/8011

Blank (9C28030-BLK1) Prepared: 03/28/2019 10:31 Analyzed: 03/28/2019 15:48

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							

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QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 9C28030 - EPA 504/8011 - Continued

Blank (9C28030-BLK1) Continued Prepared: 03/28/2019 10:31 Analyzed: 03/28/2019 15:48

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*99*	*70-130*			

LCS (9C28030-BS1) Prepared: 03/28/2019 10:31 Analyzed: 03/28/2019 16:04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.28		0.020	ug/L	0.250		110	61-139			
1,2-Dibromoethane	0.30		0.020	ug/L	0.250		120	65-133			
1,1,1,2-Tetrachloroethane	*0.25*			*ug/L*	*0.250*		*100*	*70-130*			

Matrix Spike (9C28030-MS1) Prepared: 03/28/2019 10:31 Analyzed: 03/28/2019 16:19

Source: AC02117-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.29		0.020	ug/L	0.250	0.012 U	115	61-139			
1,2-Dibromoethane	0.29		0.020	ug/L	0.250	0.004 U	115	65-133			
1,1,1,2-Tetrachloroethane	*0.26*			*ug/L*	*0.250*		*102*	*70-130*			

Matrix Spike Dup (9C28030-MSD1) Prepared: 03/28/2019 10:31 Analyzed: 03/28/2019 16:35

Source: AC02117-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.28		0.020	ug/L	0.250	0.012 U	114	61-139	1	12	
1,2-Dibromoethane	0.30		0.020	ug/L	0.250	0.004 U	121	65-133	5	17	
1,1,1,2-Tetrachloroethane	*0.26*			*ug/L*	*0.250*		*103*	*70-130*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9D01023 - EPA 7470A

Blank (9D01023-BLK1) Prepared: 04/01/2019 11:07 Analyzed: 04/02/2019 08:58

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 (9D01023-BS1) Prepared: 04/01/2019 11:07 Analyzed: 04/02/2019 09:01

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		104	80-120			

Matrix Spike (9D01023-MS1) Prepared: 04/01/2019 11:07 Analyzed: 04/02/2019 09:07

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.28		0.200	ug/L	5.00	0.0230 U	106	75-125			

Matrix Spike Dup (9D01023-MSD1) Prepared: 04/01/2019 11:07 Analyzed: 04/02/2019 09:10

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.29		0.200	ug/L	5.00	0.0230 U	106	75-125	0.2	20	

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QUALITY CONTROL DATA

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

Batch 9D01006 - EPA 3005A

Blank (9D01006-BLK1) Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 12:54

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							

LCS (9D01006-BS1) Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 12:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	47.9		5.00	ug/L	50.0		96	80-120			
Arsenic	542		10.0	ug/L	500		108	80-120			
Barium	494		100	ug/L	500		99	80-120			
Beryllium	46.7		1.00	ug/L	50.0		93	80-120			
Cadmium	49.4		3.00	ug/L	50.0		99	80-120			
Chromium	507		10.0	ug/L	500		101	80-120			
Cobalt	501		10.0	ug/L	500		100	80-120			
Copper	490		10.0	ug/L	500		98	80-120			
Iron	1050		50.0	ug/L	1000		105	80-120			
Lead	484		5.00	ug/L	500		97	80-120			
Nickel	490		10.0	ug/L	500		98	80-120			
Selenium	502		10.0	ug/L	500		100	80-120			
Silver	49.0		1.00	ug/L	50.0		98	80-120			
Sodium	22.7		1.00	mg/L	25.0		91	80-120			
Thallium	50.5		1.00	ug/L	50.0		101	80-120			
Vanadium	484		10.0	ug/L	500		97	80-120			
Zinc	476		50.0	ug/L	500		95	80-120			

Matrix Spike (9D01006-MS1) Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 13:05

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	47.7		5.00	ug/L	50.0	2.50 U	95	75-125			
Arsenic	537		10.0	ug/L	500	5.00 U	107	75-125			
Barium	562		100	ug/L	500	74.5	98	75-125			
Beryllium	45.4		1.00	ug/L	50.0	0.500 U	91	75-125			
Cadmium	48.9		3.00	ug/L	50.0	0.500 U	98	75-125			
Chromium	497		10.0	ug/L	500	5.00 U	99	75-125			
Cobalt	501		10.0	ug/L	500	5.00 U	100	75-125			

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QUALITY CONTROL DATA

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

Batch 9D01006 - EPA 3005A - Continued

Matrix Spike (9D01006-MS1) Continued Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 13:05

Source: AC01644-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Copper	486		10.0	ug/L	500	2.50 U	97	75-125			
Iron	1150		50.0	ug/L	1000	109	104	75-125			
Lead	470		5.00	ug/L	500	2.50 U	94	75-125			
Nickel	489		10.0	ug/L	500	5.00 U	98	75-125			
Selenium	506		10.0	ug/L	500	5.00 U	101	75-125			
Silver	48.1		1.00	ug/L	50.0	0.500 U	96	75-125			
Sodium	28.5		1.00	mg/L	25.0	6.85	86	75-125			
Thallium	49.1		1.00	ug/L	50.0	0.500 U	98	75-125			
Vanadium	465		10.0	ug/L	500	5.00 U	93	75-125			
Zinc	483		50.0	ug/L	500	25.0 U	97	75-125			

Matrix Spike Dup (9D01006-MSD1) Prepared: 04/01/2019 09:18 Analyzed: 04/03/2019 13:09

Source: AC01644-01

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	3	20	
Arsenic	533		10.0	ug/L	500	5.00 U	107	75-125	0.9	20	
Barium	558		100	ug/L	500	74.5	97	75-125	0.7	20	
Beryllium	46.7		1.00	ug/L	50.0	0.500 U	93	75-125	3	20	
Cadmium	48.6		3.00	ug/L	50.0	0.500 U	97	75-125	0.6	20	
Chromium	490		10.0	ug/L	500	5.00 U	98	75-125	1	20	
Cobalt	498		10.0	ug/L	500	5.00 U	100	75-125	0.5	20	
Copper	479		10.0	ug/L	500	2.50 U	96	75-125	1	20	
Iron	1150		50.0	ug/L	1000	109	104	75-125	0.7	20	
Lead	485		5.00	ug/L	500	2.50 U	97	75-125	3	20	
Nickel	486		10.0	ug/L	500	5.00 U	97	75-125	0.7	20	
Selenium	488		10.0	ug/L	500	5.00 U	98	75-125	4	20	
Silver	49.9		1.00	ug/L	50.0	0.500 U	100	75-125	3	20	
Sodium	28.7		1.00	mg/L	25.0	6.85	87	75-125	0.9	20	
Thallium	50.1		1.00	ug/L	50.0	0.500 U	100	75-125	2	20	
Vanadium	482		10.0	ug/L	500	5.00 U	96	75-125	3	20	
Zinc	477		50.0	ug/L	500	25.0 U	95	75-125	1	20	

Classical Chemistry Parameters - Quality Control

Batch 9C29015 - NO PREP

Blank (9C29015-BLK1) Prepared: 03/29/2019 14:24 Analyzed: 03/29/2019 21:13

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 (9C29015-BS1) Prepared: 03/29/2019 14:24 Analyzed: 03/29/2019 21:28

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	50		5.0	mg/L	50.0		100	90-110			
Nitrate as N	26		1.0	mg/L	25.0		102	90-110			

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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9C29015 - NO PREP - Continued

Matrix Spike (9C29015-MS1) Prepared: 03/29/2019 14:24 Analyzed: 03/29/2019 21:44

Source: AC02294-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	69		5.0	mg/L	50.0	16	106	90-110			
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	100	90-110			

Matrix Spike (9C29015-MS2) Prepared: 03/29/2019 14:24 Analyzed: 03/30/2019 03:57

Source: AC01644-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	74		5.0	mg/L	50.0	23	103	90-110			
Nitrate as N	27		1.0	mg/L	25.0	2.0	102	90-110			

Matrix Spike Dup (9C29015-MSD1) Prepared: 03/29/2019 14:24 Analyzed: 03/29/2019 21:59

Source: AC02294-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	69		5.0	mg/L	50.0	16	105	90-110	0.3	10	
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	101	90-110	2	10	

Matrix Spike Dup (9C29015-MSD2) Prepared: 03/29/2019 14:24 Analyzed: 03/30/2019 04:13

Source: AC01644-04

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	75		5.0	mg/L	50.0	23	104	90-110	0.4	10	
Nitrate as N	28		1.0	mg/L	25.0	2.0	102	90-110	0.5	10	

Batch 9D01016 - NO PREP

Blank (9D01016-BLK1) Prepared: 04/01/2019 08:54 Analyzed: 04/01/2019 12:56

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 (9D01016-BS1) Prepared: 04/01/2019 08:54 Analyzed: 04/01/2019 12:57

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		98	90-110			

Matrix Spike (9D01016-MS1) Prepared: 04/01/2019 08:54 Analyzed: 04/01/2019 13:00

Source: AC01924-01

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	0.0098 U	95	90-110			

Matrix Spike (9D01016-MS2) Prepared: 04/01/2019 08:54 Analyzed: 04/01/2019 13:18

Source: AC02185-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.0		0.020	mg/L	1.00	0.098	95	90-110			

Matrix Spike Dup (9D01016-MSD1) Prepared: 04/01/2019 08:54 Analyzed: 04/01/2019 13:01

Source: AC01924-01

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	0.0098 U	96	90-110	1	10	

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QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 9D01045 - NO PREP

Blank (9D01045-BLK1) Prepared: 04/01/2019 15:56 Analyzed: 04/02/2019 21:33

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 (9D01045-BS1) Prepared: 04/01/2019 15:56 Analyzed: 04/02/2019 21:33

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 (9D01045-DUP1) Prepared: 04/01/2019 15:56 Analyzed: 04/02/2019 21:33

Source: AC01644-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	230		10	mg/L		230			2	20	

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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.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.

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ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD www.encolabs.com

10775 Central Port Dr. Orlando, FL 32824 (407) 826-5314 Fax (407) 850-6945
4810 Executive Park Court, Suite 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: 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): Louis Contento Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature:	Site Location / Time Zone: FL/EST

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

Lab Workorder: AC03294 ~~AC01643~~ RMA

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

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	H	N	S	I	I					Sample Comments
	BW-1B	3-28-19	0916	Grab	GW	8	x	x	x	x	x	x					
	MW-5AR	3-28-19	0956	Grab	GW	8	x	x	x	x	x	x					
	MW-5BR	3-28-19	1028	Grab	GW	8	x	x	x	x	x	x					
	MW-3B	3-28-19	1058	Grab	GW	8	x	x	x	x	x	x					
	MW-17B	3-28-19	1122	Grab	GW	8	x	x	x	x	x	x					
	Supply well	3-28-19	1412	Grab	GW	8	x	x	x	x	x	x					
	trip blank #3	—	—	Grab	O	~~8~~ 2 3-28-19	—	x	-	-	-	-					O=Lab Supplied

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 03/14/19 12:00	Relinquished By:	Date/Time: 03/14/19 12:00	Received By:	Date/Time: 3-18-19 1400
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 3/29/19 0925	Received By: Rosa Manual	Date/Time: 3/29/19 9:25
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler #'s & Temps on Receipt: LS-456 0.1°		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