ENTERPRISE CLASS III LANDFILL
AND RECYCLING FACILITY
SECOND SEMIANNUAL COMPLIANCE MONITORING REPORT 2018

DEP PERMIT NO. 177982-020-SC/T3, WACS No. 87895

Prepared by:

LOCKLEAR AND ASSOCIATES, INC.
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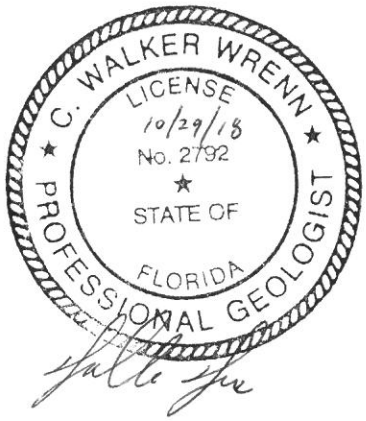

Walker Wrenn
PG 2792

October 2018

Locklear & Associates

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Gainesville, FL 32606
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October 29, 2018

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

RE: Compliance Monitoring Report – Second Semiannual 2018
And 3rd Quarter Landfill Gas Report
Enterprise Class III Landfill and Recycling Facility
Permit No. 177982-020-SC/T3
WACS No. 87895

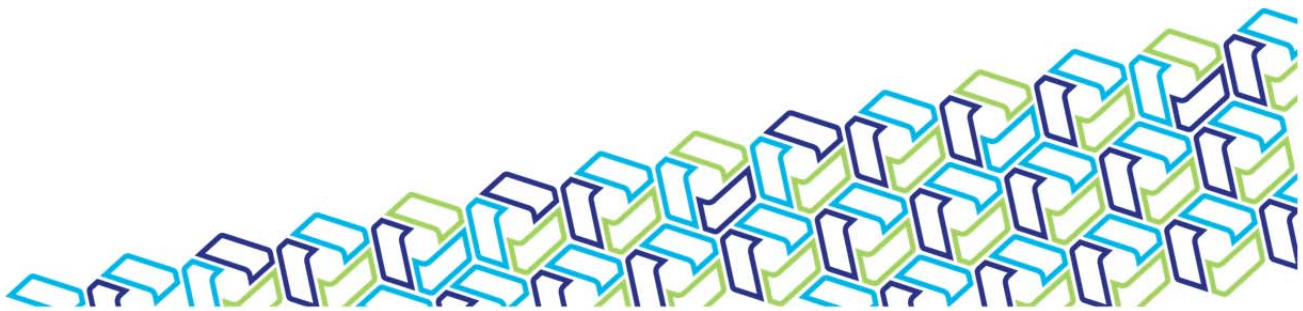
Dear Mr. Morris:

This report presents data from the second 2018 (18S1) semiannual sampling event at the Enterprise Class III Landfill and Recycling Facility performed on September 10, 11 and 12, 2018. Attachment 5 includes the 3rd Quarter Landfill Gas monitoring report per Section 2, Part E.4 of the facility permit.

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-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\2018\18S2\Figures\18S2 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: 3RD Quarter Landfill Gas Data

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 177982-020-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.

10/24/18
(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
2018 - Second Semiannual Compliance Monitoring Event

WELL NAME	TOP OF CASING	CONTOUR MAP		TIME OF SAMPLING	
		DEPTH TO WATER	GROUDWATER ELEVATION	DEPTH TO WATER	GROUDWATER ELEVATION
	(NGVD,FT)	(FT)	(NGVD,FT)	(FT)	(NGVD,FT)
MW-1A	173.77	DRY	NA	NS	NS
BW-1A	122.50	47.46	75.04	47.34	75.16
MW-1B	174.11	98.87	75.24	NS	NS
BW-1B	122.82	47.46	75.36	47.46	75.36
MW-3	85.39	10.01	75.38	10.01	75.38
MW-3B	84.80	9.39	75.41	9.39	75.41
MW-4	100.59	14.85	85.74	14.85	85.74
MW-4B	100.87	21.95	78.92	21.95	78.92
MW-5AR	NA	14.14	NA	14.14	NA
MW-5BR	NA	19.79	NA	19.79	NA
MW-6	88.65	17.68	70.97	17.68	70.97
MW-6B	89.10	23.07	66.03	23.07	66.03
MW-7A	100.72	22.14	78.58	22.14	78.58
MW-7BR	103.27	27.89	75.38	27.89	75.38
MW-8	100.10	30.31	69.79	NS	NA
MW-8B	108.52	33.06	75.46	33.06	75.46
MW-9	108.00	29.02	78.98	29.02	NA
MW-9B	109.75	34.14	75.61	34.14	75.61
MW-10	111.62	34.72	76.90	34.72	76.90
MW-10B	110.00	34.38	75.62	34.38	75.62
MW-11	104.45	28.40	76.05	NS	NS
MW-11B	106.11	30.75	75.36	NS	NS
MW-12A	121.43	46.70	74.73	NS	NS
MW-12B	121.84	46.17	75.67	NS	NS
MW-17B	87.21	11.68	75.53	11.68	75.53
MW-18B	152.58	77.43	75.15	77.40	75.18
MW-19A	146.88	57.95	88.93	57.87	89.01
MW-20B	126.86	51.72	75.14	51.65	75.21
P-4	Abandoned	Abandoned	NA	NA	NA
P-6	94.16	21.47	72.69	NS	NS
P-8	133.94	60.03	73.91	NS	NS
P-10	132.60	57.33	75.27	NS	NS
P-11	150.76	48.51	102.25	NS	NS
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

Attachment 2
Analysis Results Compared to Groundwater Standards

Enterprise Class III Landfill and Recycling Facility

Analysis Results Compared to Groundwater Standards

2018 - Second 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	9/12/2018	-	-	-
Detection				
MW-3	9/10/2018	-	-	-
MW-3B	9/10/2018	-	-	-
MW-4	9/10/2018	5.99	-	463
MW-4B	9/10/2018	-	-	-
MW-5AR	9/10/2018	5.6	-	10100
MW-5BR	9/10/2018	6.41	-	-
MW-6	9/10/2018	5.07	20	331
MW-6B	9/10/2018	-	-	-
MW-7A	9/11/2018	5.56	-	10800
MW-7BR	9/11/2018	-	-	-
MW-8B	9/11/2018	-	-	4960
MW-9B	9/11/2018	-	-	743
DUPLICATE	9/11/2018	NM	-	-
MW-10B	9/11/2018	6	-	-
MW-17B	9/10/2018	-	-	-
MW-18B	9/11/2018	-	-	-
MW-19A	9/11/2018	4.82	11	-
MW-20B	9/11/2018	-	-	-
Other, Water Supply				
Supply Well	9/11/2018	-	-	-
QAQC				
EQUBLK	9/11/2018	NM	-	-
TRIP 1	9/10/2018	NM	NM	NM
TRIP 2	9/11/2018	NM	NM	NM
TRIP 3	9/11/2018	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

2018 - Second 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	9/12/2018	250	8.15	7.32	24.5	0.2	<0.0073	12
Detection								
MW-3	9/10/2018	532	2.2	6.58	27.68	1.3	<0.0073	9.6
MW-3B	9/10/2018	424	0.09	6.99	25.25	0.4	0.029	10
MW-4	9/10/2018	806	1.44	5.99	27.52	19.9	<0.0073	22
MW-4B	9/10/2018	321	2.8	7.01	23.92	0.3	<0.0073	4.0 I
MW-5AR	9/10/2018	430	0.21	5.6	28.53	10.9	<0.0073	20
MW-5BR	9/10/2018	353	1.74	6.41	24	0.2	<0.0073	4.4 I
MW-6	9/10/2018	550	1.25	5.07	27.02	14.5	<0.0073	10
MW-6B	9/10/2018	301	2	7.18	24.72	0.2	<0.0073	3.7 I
MW-7A	9/11/2018	443	0.24	5.56	26.8	9	0.15	8.6
MW-7BR	9/11/2018	308	1.14	7.23	25.12	1.3	<0.0073	4.3 I
MW-8B	9/11/2018	647	0.09	6.5	27.15	2	1.1	13
MW-9B	9/11/2018	558	0.94	6.58	26.74	1.9	<0.0073	7.1
DUPLICATE	9/11/2018	-	-	-	-	-	<0.0073	9.7
MW-10B	9/11/2018	359	0.25	6	26.06	0.2	<0.0073	6.3
MW-17B	9/10/2018	510	3.1	6.63	23.69	0.6	<0.0073	8.5
MW-18B	9/11/2018	576	0.75	6.68	25.62	0.9	<0.0073	9.7
MW-19A	9/11/2018	492	4.12	4.82	24.99	8.4	<0.0073	69
MW-20B	9/11/2018	286	4.38	7.16	25.28	7	<0.0073	8.6
Other, Water Supply								
Supply Well	9/11/2018	406	1.27	6.76	24.22	0.2	0.0088 I	11

LEGEND

* = primary drinking water standard
** = secondary drinking water standard
*** = Chapter 62-777-Groundwater Cleanup Target Level (GCTL)
1 = No Standard
- = Not analyzed
I = Value is between the Method Detection Level (MDL) and the Reporting Detection Level (RDL
J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time
U = Indicates that the compound was analyzed for but not detected
S = initially sampling results previously submitted to the Department on May 10, 2018

Enterprise Class III Landfill and Recycling Facility

Parameters At or Above Laboratory Detection Limit

2018 - Second Semiannual Compliance Monitoring Sampling Results

PARAMETER	NITRATE as N	TDS	BARIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON
STANDARD	10 mg/L*	500 mg/L**	2000 µg/L*	5 µg/L*	100 µg/L*	140µg/L***	1000 µg/L**	300 µg/L**
UNITS	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Background								
BW-1B	7.0	170	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
Detection								
MW-3	0.18 I	290	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-3B	<0.052	250	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-4	<0.052	460	<20.0	1.73 I	<4.50	<2.10	8.22 I	463
MW-4B	0.43 I	170	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-5AR	<0.052	230	<20.0	<0.900	<4.50	<2.10	<2.20	10100
MW-5BR	0.54 I	200	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-6	20	430	99.1 I	<0.900	7.02 I	<2.10	<2.20	331
MW-6B	0.80 I	180	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-7A	<0.052	280	<20.0	<0.900	<4.50	<2.10	<2.20	10800
MW-7BR	0.81 I	180	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-8B	<0.052	370	56.6 I	<0.900	<4.50	<2.10	<2.20	4960
MW-9B	1.8	320	<20.0	<0.900	<4.50	<2.10	<2.20	743
DUPLICATE	0.27 I	350	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-10B	1.3	230	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-17B	2.3	290	<20.0	<0.900	5.02 I	<2.10	<2.20	<38.0
MW-18B	0.27 I	340	<20.0	<0.900	<4.50	<2.10	<2.20	<38.0
MW-19A	11	320	<20.0	1.40 I	<4.50	4.39 I	<2.20	162
MW-20B	2.0	170	<20.0	<0.900	5.49 I	<2.10	<2.20	97.2
Other, Water Supply								
Supply Well	2.8	240	<20.0	<0.900	<4.50	<2.10	4.49 I	<38.0

LEGEND

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J = Estimated value
V = Analyte found in associated method blank
Q = Estimated value; analyte analyzed after acceptable holding time
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Enterprise Class III Landfill and Recycling Facility

Parameters At or Above Laboratory Detection Limit

2018 - Second Semiannual Compliance Monitoring Sampling Results

PARAMETER	LEAD	MERCURY	NICKEL	SODIUM	VANADIUM
STANDARD	15 µg/L*	2 µg/L*	100 µg/L*	160 mg/L*	49 µg/L***
UNITS	µg/L	µg/L	µg/L	mg/L	µg/L
Background					
BW-1B	<1.60	<0.0230	<3.20	7.21	<2.00
Detection					
MW-3	<1.60	<0.0230	<3.20	11.2	2.00 I
MW-3B	<1.60	<0.0230	<3.20	11.2	2.18 I
MW-4	<1.60	<0.0230	3.58 I	16.9	3.94 I
MW-4B	<1.60	<0.0230	<3.20	4.11	2.02 I
MW-5AR	<1.60	<0.0230	<3.20	10.8	<2.00
MW-5BR	<1.60	0.239	<3.20	4.48	2.74 I
MW-6	<1.60	<0.0230	5.37 I	10.1	<2.00
MW-6B	<1.60	<0.0230	<3.20	3.78	4.06 I
MW-7A	<1.60	<0.0230	<3.20	13.8	<2.00
MW-7BR	<1.60	<0.0230	<3.20	3.83	5.85 I
MW-8B	<1.60	<0.0230	4.53 I	11.4	<2.00
MW-9B	<1.60	0.137 I	<3.20	9.25	<2.00
DUPLICATE	<1.60	0.0239 I	<3.20	7.98	<2.00
MW-10B	<1.60	0.103 I	<3.20	6.12	<2.00
MW-17B	<1.60	0.199 I	<3.20	8.54	<2.00
MW-18B	<1.60	0.0265 I	<3.20	8.15	<2.00
MW-19A	<1.60	0.0296 I	8.74 I	20.5	<2.00
MW-20B	<1.60	<0.0230	<3.20	5.64	<2.00
Other, Water Supply					
Supply Well	4.62 I	<0.0230	<3.20	7.34	2.74 I

LEGEND

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

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:	DATE: 9/12/18

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): 47.34	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 – 47.34 feet) X .16 gallons/foot = 3.02 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: 1104	PURGING ENDED AT: 1115	TOTAL VOLUME PURGED (gallons): 1.00

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)
			.10								

Attempted Sample.
No Sample

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

REMARKS: started purge very slow, .10 gpm at .5 gallons Purged NTU = 33.20 ORP= end drawdown. DTW = 50.05 or 2.71 feet in 5min at 1.0 gallons NTU = 124.9 DTW = 51.15 Time is 1114. Both drawd & NTU cannot be controled.

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **BW-1B**	WACS_WELL:	DATE: 9/12/18

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): 47.40	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 – 47.40 feet) X .16 gallons/foot = 9.77 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): 49.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49.50	PURGING INITIATED AT: 1008	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 14.70

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)
1036	9.80	9.80	.35	48.21	7.17	24.53	2.53	8.22	.30	very	none
1043	2.45	12.25	.35	48.21	7.26	24.51	2.50	8.19	.20		
1050	2.45	14.70	.35	48.21	7.32	24.50	2.50	8.15	.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: 1050	SAMPLING ENDED AT: 1055
PUMP OR TUBING DEPTH IN WELL (feet): 49.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

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

REMARKS:

ORP= +23.2

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: 9/10/18

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): 10.01	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 – 10.01 feet) X .16 gallons/foot = .71 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): 12.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.00	PURGING INITIATED AT: 1325	PURGING ENDED AT: 1339	TOTAL VOLUME PURGED (gallons): 2.96

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)
1330	.80	.80	.16	10.50	6.40	27.66	584	3.20	1.00	none	none
1333	.48	1.28	.16	10.50	6.48	27.73	553	2.60	1.30	none	none
1336	.48	1.76	.16	10.50	6.57	27.89	530	2.32	.70	none	none
1339	.48	2.24	.16	10.50	6.58	27.68	532	2.20	1.30	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1339	SAMPLING ENDED AT: 1345
PUMP OR TUBING DEPTH IN WELL (feet): 12.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y [N]	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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	<2	Metals	PP	≈ 605
MW-3	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	PP	≈ 605
MW-3	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 605
MW-3	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100

REMARKS:
ORP= -53.5

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-3B**	WACS_WELL: **21964**	DATE: 9/10/18

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): 9.39	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (43.75 feet – 9.39 feet) X .16 gallons/foot = 5.49 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.00	PURGING INITIATED AT: 1228	PURGING ENDED AT: 1317	TOTAL VOLUME PURGED (gallons): 8.33

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)
1301	5.61	5.61	.17	9.40	6.96	25.11	423	.12	.50	None	None
1309	1.36	6.97	.17	9.40	6.97	25.20	424	.09	.40	None	None
1317	1.36	8.33	.17	9.40	6.99	25.25	424	.09	.40	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1317	SAMPLING ENDED AT: 1323
PUMP OR TUBING DEPTH IN WELL (feet): 11.00	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					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-3B	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	ESP	≈ 100
MW-3B	1	PE	250 mL	HNO_3	None	<2	Metals	ESP	≈ 644
MW-3B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	ESP	≈ 644
MW-3B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	ESP	≈ 644
MW-3B	2	CG	40 mL	4° C	None	Not Req'd	8011	ESP	≈ 100

REMARKS:

ORP= -42.9

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-4**	WACS_WELL: **19572**	DATE: 9/10/8

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 6.50 feet to 26.50 feet	STATIC DEPTH TO WATER (feet): 14.85	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 – 14.85 feet) X .16 gallons/foot = 1.37 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): 21.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.00	PURGING INITIATED AT: 1016	PURGING ENDED AT: 1021	TOTAL VOLUME PURGED (gallons): .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)
1021	.70	.70	.14	18.00	5.99	27.52	806	1.44	19.90	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1021	SAMPLING ENDED AT: 1030
PUMP OR TUBING DEPTH IN WELL (feet): 21.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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	<2	Metals	Stainless ESP	≈ 530
MW-4	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 530
MW-4	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 530
MW-4	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: NTU @ end 10.50 DTW @ sample end = 19.56
ORP= 20.8

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-4B**	WACS_WELL: **21965**	DATE: 9/10/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 43.50 feet to 58.50 feet	STATIC DEPTH TO WATER (feet): 21.95	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (54.95 feet – 21.95 feet) X .16 gallons/foot = 5.28 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.00	PURGING INITIATED AT: 0951	PURGING ENDED AT: 1003	TOTAL VOLUME PURGED (gallons): 12.00

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)
0957	6.00	6.00	1.00	21.99	6.94	23.94	318	2.79	.30	none	none
1000	3.00	9.00	1.00	21.99	6.96	23.92	321	2.77	.30	none	none
1003	3.00	12.00	1.00	21.99	7.01	23.92	321	2.80	.30	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1003	SAMPLING ENDED AT: 1007
PUMP OR TUBING DEPTH IN WELL (feet): 23.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

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

REMARKS: Slowed Pump to Sample

ORP= 18.7

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-5AR**	WACS_WELL: 30178	DATE: 9/10/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .170	WELL SCREEN INTERVAL DEPTH: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 14.14	PURGE PUMP TYPE OR BAILER: ~~PP~~ ESP (P) 9/10/18

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25.18 feet – 14.14 feet) X .16 gallons/foot = 1.77 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): 19.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.00	PURGING INITIATED AT: 1119	PURGING ENDED AT: 1210	TOTAL VOLUME PURGED (gallons): 3.57

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)
1206	3.29	3.29	.07	20.18	5.70	28.49	447	.13	11.10	None	None
1208	.14	3.43	.07	20.35	5.65	28.50	444	.15	12.00	None	None
1210	.14	3.57	.07	20.51	5.60	28.53	430	.21	10.90	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1210	SAMPLING ENDED AT: 1216
PUMP OR TUBING DEPTH IN WELL (feet): 22.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) ~~N~~ (P) 9/10/18 TUBING Y [N (replaced)]		DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5AR	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	ESP ~~PP~~	≈ 100
MW-5AR	1	PE	250 mL	HNO_3	None	<2	Metals	ESP ~~PP~~	≈ 265
MW-5AR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	ESP ~~PP~~	≈ 265
MW-5AR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	ESP ~~PP~~	≈ 265
MW-5AR	2	CG	40 mL	4° C	None	Not Req'd	8011	ESP ~~PP~~	≈ 100
								(P) 9/10/18	

REMARKS: Sheen observed
ORP= -88.6

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-5BR**	WACS_WELL: 30179	DATE: 9/10/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 23 feet to 63 feet	STATIC DEPTH TO WATER (feet): 19.79	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 – 19.79 feet) X .16 gallons/foot = 7.01 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): 21.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.00	PURGING INITIATED AT: 1042	PURGING ENDED AT: 1110	TOTAL VOLUME PURGED (gallons): 11.20

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)
1100	7.20	7.20	.40	19.85	6.29	23.97	348	1.71	.90	none	none
1105	2.00	9.20	.40	19.85	6.39	23.97	349	1.72	.60	none	none
1110	2.00	11.20	.40	19.85	6.41	24.00	353	1.74	.20	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1114
PUMP OR TUBING DEPTH IN WELL (feet): 21.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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=65.0

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: 9/10/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 20 feet to 40 feet	STATIC DEPTH TO WATER (feet): 17.68 @ 9/10/18 23.07	PURGE PUMP TYPE OR BAILER: ESP

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.00	PURGING INITIATED AT: 1515	PURGING ENDED AT: 1520	TOTAL VOLUME PURGED (gallons): .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)
1520	.50	.50	.10	19.26	5.07	27.02	550	1.25	14.50	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1526	SAMPLING ENDED AT: 1528
PUMP OR TUBING DEPTH IN WELL (feet): 24.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

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

ORP= +102.5

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-6B**	WACS_WELL:	DATE: 9/10/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 47 feet to 67 feet	STATIC DEPTH TO WATER (feet): 23.07	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 – 23.07 feet) X .16 gallons/foot = 6.97 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.00	PURGING INITIATED AT: 1428	PURGING ENDED AT: 1504	TOTAL VOLUME PURGED (gallons): 10.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1452	7.20	7.20	30	23.08	7.03	24.63	299	2.04	.20	none	none
1458	1.80	9.00	30	23.08	7.13	24.74	300	2.03	20	none	none
1504	1.80	10.80	30	23.08	7.18	24.72	301	2.00	.20	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen M LeBeau	SAMPLING INITIATED AT: 1504	SAMPLING ENDED AT: 1508
PUMP OR TUBING DEPTH IN WELL (feet): 24.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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= 13.3

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-7A**	WACS_WELL: **19576**	DATE: 9/11/18

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): 22.14	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 – 22.14 feet) X .16 gallons/foot = 3.79 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): 37.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.00	PURGING INITIATED AT: 0903	PURGING ENDED AT: 0947	TOTAL VOLUME PURGED (gallons): 4.40

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)
0941	3.80	3.80	10	29.50	5.51	26.60	423	.29	17.40	none	none
0944	.30	4.10	.10	29.88	5.54	26.78	437	.27	14.30	none	none
0947	.30	4.40	.10	30.19	5.56	26.80	443	.24	9.00	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 0947	SAMPLING ENDED AT: 0955
PUMP OR TUBING DEPTH IN WELL (feet): 37.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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:

ORP= +40.9

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-7BR**	WACS_WELL: **22592**	DATE: 9/11/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 46 feet to 61 feet	STATIC DEPTH TO WATER (feet): 27.89	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)
= (61.00 feet – 27.89 feet) X .16 gallons/foot = 5.30 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): 29.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.00	PURGING INITIATED AT: 1003	PURGING ENDED AT: 1031	TOTAL VOLUME PURGED (gallons): 8.40

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)
1021	5.40	5.40	.30	27.95	7.17	25.15	309	1.30	5.50	none	none
1026	1.50	6.90	.30	27.95	7.20	25.14	309	1.19	2.20	none	none
1031	1.50	8.40	.30	27.95	7.23	25.12	308	1.14	1.30	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1031	SAMPLING ENDED AT: 1037
PUMP OR TUBING DEPTH IN WELL (feet): 29.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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	≈ 135
MW-7BR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 135
MW-7BR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 135
MW-7BR	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= +16.9

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-8**	WACS_WELL: **19578**	DATE: 9/11/18

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):	PURGE PUMP TYPE OR BAILER: Stainless ESP

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

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

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

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

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

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

SAMPLING DATA

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			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:
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: 9/11/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 42 feet to 57 feet	STATIC DEPTH TO WATER (feet): 33.06	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 – 33.06 feet) X .16 gallons/foot = 3.83 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): 34.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.00	PURGING INITIATED AT: 1046	PURGING ENDED AT: 1104	TOTAL VOLUME PURGED (gallons): 6.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1058	4.20	4.20	.35	33.08	6.41	27.17	649	.10	2.60	none	none
1101	1.05	5.25	.35	33.08	6.45	27.22	648	.12	5.50	none	none
1104	1.05	6.30	.35	33.08	6.50	27.13	647	.09	2.00	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1104	SAMPLING ENDED AT: 1110
PUMP OR TUBING DEPTH IN WELL (feet): 34.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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	≈ 1325
MW-8B	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1325
MW-8B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1325
MW-8B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:

ORP= -115.4

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-9**	WACS_WELL: **19579**	DATE: 9/11/18

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): 29.02	PURGE PUMP TYPE OR BAILER: Stainless ESP

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

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

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

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

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

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

SAMPLING DATA

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

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

REMARKS:
Dry well
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: 9/11/18

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): 34.14	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 – 34.14 feet) X .16 gallons/foot = 2.36 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): 35.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.00	PURGING INITIATED AT: 1122	PURGING ENDED AT: 1136	TOTAL VOLUME PURGED (gallons): 7.00

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)
1127	2.50	2.50	.50	34.27	6.47	26.77	630	.09	4.50	None	None
1130	1.50	4.00	.50	34.27	6.50	26.80	585	.37	2.50	None	None
1133	1.50	5.50	.50	34.27	6.54	26.69	570	.70	2.20	None	None
1136	1.50	7.00	.50	34.27	6.58	26.74	558	.94	1.90	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1136	SAMPLING ENDED AT: 1142
PUMP OR TUBING DEPTH IN WELL (feet): 35.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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= -119.4

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-10**	WACS_WELL: **19580**	DATE: 9/11/18

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): 34.72	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)
= (37.65 feet – 34.72 feet) X .16 gallons/foot = .47 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.00	PURGING INITIATED AT: 1155	PURGING ENDED AT: 1204	TOTAL VOLUME PURGED (gallons): .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)
1204	.50	.50	.08	36.00	—	—	—	—	>1000	Tan	None
water level recorded after pulling pump											
Attempted											
No Sample											

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

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

SAMPLING DATA

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-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: This well is historically dries dry, Attempt (No Sample) made
ORP= Because water level was higher than previously Noted, we have
& plotted our record. water Column recovered to 35.20' in 45 min

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-10B**	WACS_WELL: **21325**	DATE: 9/11/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: UNK feet to UNK feet	STATIC DEPTH TO WATER (feet): 34.38	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (61.90 feet – 34.38 feet) X .16 gallons/foot = 4.40 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): 35.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35.50	PURGING INITIATED AT: 1213	PURGING ENDED AT: 1239	TOTAL VOLUME PURGED (gallons): 11.70

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)
1230	7.65	7.65	.45	34.50	5.55	26.10	315	.17	.50	None	None
1233	1.35	9.00	.45	34.50	5.82	26.07	344	.20	.20	None	None
1236	1.35	10.35	.45	34.50	5.91	26.06	353	.25	.20	None	None
1239	1.35	11.70	.45	34.50	6.00	26.06	359	.25	.20	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1239	SAMPLING ENDED AT: 1245
PUMP OR TUBING DEPTH IN WELL (feet): 35.50	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		Metals	Stainless ESP	≈ 1703
MW-10B	1	PE	250 mL	H_2SO_4	None		Ammonia (350.1)	Stainless ESP	≈ 1703
MW-10B	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1703
MW-10B	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS:
ORP= +11.1

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-17B**	WACS_WELL:	DATE: 9/10/13

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): 11.68	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 – 11.68 feet) X .16 gallons/foot = 11.02 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): 13.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.00	PURGING INITIATED AT: 1354	PURGING ENDED AT: 1408	TOTAL VOLUME PURGED (gallons): 21.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1402	12.00	12.00	1.50	11.91	6.51	23.68	517	2.82	1.30	none	none
1405	4.50	16.50	1.50	11.91	6.59	23.68	524	2.97	1.90	none	none
1408	4.50	21.00	1.50	11.91	6.63	23.69	510	3.10	.60	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1408	SAMPLING ENDED AT: 1413
PUMP OR TUBING DEPTH IN WELL (feet): 13.00	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-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:
ORP= -22.5

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-18B**	WACS_WELL:	DATE: 9/11/18

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): 77.40	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 – 77.40 feet) X .16 gallons/foot = 4.97 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 78.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 78.50	PURGING INITIATED AT: 1257	PURGING ENDED AT: 1324	TOTAL VOLUME PURGED (gallons): 8.10

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)
1314	5.10	5.10	.30	77.41	6.64	25.78	581	.78	2.20	none	none
1319	1.50	6.60	.30	77.41	6.71	25.58	576	.82	2.80	none	none
1324	1.50	8.10	.30	77.41	6.68	25.62	576	.75	.90	none	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S): Karen LeBeau	SAMPLING INITIATED AT: 1324	SAMPLING ENDED AT: 1334
PUMP OR TUBING DEPTH IN WELL (feet): 78.50	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	4 2 3 6	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
MW-18B	1 2	PE	250 mL	HNO_3	None	<2 | <2	Metals	Stainless ESP	≈ 1135
MW-18B	1 2	PE	250 mL	H_2SO_4	None	<2 | <2	Ammonia (350.1)	Stainless ESP	≈ 1135
MW-18B	1 2	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
MW-18B	2 4	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100
						Sample | dup			

REMARKS:

ORP= -12.1

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-19A**	WACS_WELL:	DATE: 9/11/18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .375	WELL SCREEN INTERVAL DEPTH: 74 feet to 94 feet	STATIC DEPTH TO WATER (feet): 57.87	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 – 57.87 feet) X .16 gallons/foot = 6.58 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: 1357	PURGING ENDED AT: 1431	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)
1419	6.60	6.60	.30	58.42	4.67	24.82	492	4.19	15.50	Tan	none
1425	1.80	8.40	.30	58.42	4.73	24.81	493	4.19	18.70	″	″
1431	1.80	10.20	.30	58.42	4.82	24.99	492	4.12	3.40	″	″

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: 1431	SAMPLING ENDED AT: 1437
PUMP OR TUBING DEPTH IN WELL (feet): 59.00	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP [Y] N	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

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

REMARKS:

ORP= + 133.9

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-20B**	WACS_WELL:	DATE: 9/11/18

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): 51.65	PURGE PUMP TYPE OR BAILER: Stainless ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (72.84 feet – 51.65 feet) X .16 gallons/foot = 3.39 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): 52.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 52.50	PURGING INITIATED AT: 1452	PURGING ENDED AT: 1523	TOTAL VOLUME PURGED (gallons): 6.20

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)
1515	4.60	4.60	.20	51.67	7.05	25.35	286	4.48	13.00	Tan	None
1519	.80	5.40	.20	51.67	7.10	25.38	286	4.45	9.80	Tan	None
1523	.80	6.20	.20	51.67	7.16	25.28	286	4.38	7.00	Tan	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: 1523	SAMPLING ENDED AT: 1529
PUMP OR TUBING DEPTH IN WELL (feet): 52.50	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:

ORP= −7.3

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

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **SUPPLY WELL (SW)**	WACS_WELL: **21326**	DATE: 9/11/18

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: 1539	PURGING ENDED AT: 1550	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)
1544	5.00	5.00	1.00	In	6.75	24.24	406	1.30	20	Light Clear	none
1547	3.00	8.00	1.00	Place	6.75	24.19	406	1.28	.30	″	″
1550	3.00	11.00	1.00	Plumbing	6.76	24.22	406	1.27	.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: 1550	SAMPLING ENDED AT: 1554
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)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SW	3	CG	40 mL	HCL	None	Not Req'd	8260 (app. 1 FL)	Stainless ESP	≈ 100
SW	1	PE	250 mL	HNO_3	None	<2	Metals	Stainless ESP	≈ 1135
SW	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	Stainless ESP	≈ 1135
SW	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	Stainless ESP	≈ 1135
SW	2	CG	40 mL	4° C	None	Not Req'd	8011	Stainless ESP	≈ 100

REMARKS: Slowed pump to sample
ORP= +37.4

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)

CALIBRATION LOG

ITS Work Order Number: ARM-EL-47-091018

CLIENT: Angelo's Recycled Materials
ADDRESS: 41111 Enterprise Road
CITY, STATE: Dade City, FL 33525-1539
START CAL DATE @ TIME: 09/10/18 @ 0730

Site: Enterprice Class III Landfill
END CALIBRATION DATE @ TIME: 09/10/18 @ 1730

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.41

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

Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE
	INITIAL	CCV			
4.005	4.00	4.01	-	CC546363	Feb-20
7.000	7.00	7.00	7.00	CC554798	Apr-20
10.012	10.00	10.00	✓	CC537296	Dec-19

Standards are prepared by USA Blue Book. Liquid Temp: N/A

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

STANDARD (ERTCO Thermometer)	YSI METER TEMP READING		LOT NUMBER	DATE PERFORMED (Quarterly)
	LOW	HIGH		
LOW 5.20	5.24		NA	05/04/18
HIGH 29.10		29.09		05/04/18

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

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

STANDARD (ppm)	METER READING INITIAL	METER READING CCV	LOT NUMBER	EXPIRATION DATE
0.00	.09	.10	8GE557	May-19
fresh air @				
26.86 °C	7.97			
29.71 °C		7.65		

Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by USA Blue Book.

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

STANDARD µmhos	METER READING INITIAL	METER READING CCV	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	8GC218	Mar-19
2,764	2764	2760	8GF595	Jun-19
447	NM	NM	No Stock	No Stock
84	84	83	7GL083	Oct-18

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

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

STANDARD (mV)	METER READING INITIAL	METER READING CCV	LOT NUMBER	EXPIRATION DATE
200	200	202	8GA387	Oct-18
400	400	402	8GA1064	Jan-19

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

HACH POCKET COLORIMETER II S/N 06070D052733

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

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

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

STANDARD (ntu)	METER READING INITIAL	METER READING CCV	LOT NUMBER	EXPIRATION DATE
1000	NM	NM	See Below	May-20
100	100	100	See Below	May-20
10	10	10	See Below	May-20
0.02	.02	.02	See Below	May-20

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 80516

Remarks:

Weather Conditions: Sunny 90-95°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #071018191WF2331722

Exp Date 01/31/20

Equipment Blank Data - Collected @ none collected

pH = - Cond = -

Temp = - D.O. = -

Turbidity = -

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.41 on 08/15/18: Update Calibration Solutions

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

COPY TO: John Arnold, P.E.

SIGNED: Karen LeBeau
Chris Monaco or Karen LeBeau

CALIBRATION LOG

ITS Work Order Number: ARM-EL-47-091118

CLIENT: Angelo's Recycled Materials
ADDRESS: 41111 Enterprise Road
CITY, STATE: Dade City, FL 33525-1539
START CAL DATE @ TIME: 09/11/18 @ 0715

Site: Enterprice Class III Landfill
END CALIBRATION DATE @ TIME: 09/11/18 @ 1750

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.41

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

Standard	METER READING INITIAL	METER READING CCV	VERIFY @ START	LOT NUMBER	EXP DATE
4.005	4.00	4.03	-	CC546363	Feb-20
7.000	7.00	7.02	7.00	CC554798	Apr-20
10.012	9.98	10.04	-	CC537296	Dec-19

Standards are prepared by USA Blue Book. Liquid Temp: N/A

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

STANDARD (ERTCO Thermometer)		YSI METER TEMP READING LOW	YSI METER TEMP READING HIGH	LOT NUMBER	DATE PERFORMED (Quarterly)
LOW	5.20	5.24		NA	05/04/18
HIGH	29.10		29.09		05/04/18

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

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

STANDARD (ppm)	INITIAL METER READING	CCV METER READING	LOT NUMBER	EXPIRATION DATE
0.00	.08	.07	8GE557	May-19	
fresh air @					
26.33 °C	8.06				
26.06 °C		8.10			

Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by USA Blue Book.

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

STANDARD µmhos	INITIAL METER READING	CCV METER READING	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	8GC218	Mar-19
2,764	2764	2758	8GF595	Jun-19
447	NM	NM	No Stock	No Stock
84	83	82	7GL083	Oct-18

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

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

STANDARD (mV)	INITIAL METER READING	CCV METER READING	LOT NUMBER	EXPIRATION DATE
200	200	203	8GA387	Oct-18
400	400	401	8GA1064	Jan-19

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

HACH POCKET COLORIMETER II S/N 06070D052733

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

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

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

STANDARD (ntu)	INITIAL METER READING	CCV METER READING	LOT NUMBER	EXPIRATION DATE
1000	NM	NM	See Below	May-20
100	100	100	See Below	May-20
10	10	10	See Below	May-20
0.02	.02	.02	See Below	May-20

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 80516

Remarks:

Weather Conditions: Sunny to Partly Sunny 90-95°F

Equipment Blank with D.I. water

Zephyrhills brand Lot #071018191WF2331722

Exp Date 01/31/20

Equipment Blank Data - Collected @ 1345

pH = - Cond = -

Temp = / D.O. = /

Turbidity = /

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.41 on 08/15/18: Update Calibration Solutions

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

COPY TO: John Arnold, P.E.

SIGNED: Karen LeBeau
Chris Monaco or Karen LeBeau

CALIBRATION LOG

ITS Work Order Number: ARM-EL-47-091218

CLIENT: Angelo's Recycled Materials
ADDRESS: 41111 Enterprise Road
CITY, STATE: Dade City, FL 33525-1539
START CAL DATE @ TIME: 09/12/18 @ 0730

Site: Enterprice Class III Landfill
END CALIBRATION DATE @ TIME: 09/12/18 @ 1545

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.41

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

Standard	METER READING		VERIFY @ START	LOT NUMBER	EXP DATE
	INITIAL	CCV			
4.005	4.00	4.02	—	CC546363	Feb-20
7.000	7.00	7.01	7.00	CC554798	Apr-20
10.012	10.01	9.99	—	CC537296	Dec-19

Standards are prepared by USA Blue Book. Liquid Temp: N/A

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

STANDARD (ERTCO Thermometer)		YSI METER TEMP READING		LOT NUMBER	DATE PERFORMED (Quarterly)
		LOW	HIGH		
LOW	5.20	5.24		NA	05/04/18
HIGH	29.10		29.09		05/04/18

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

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

STANDARD (ppm)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
0.00	.08	.08	8GE557	May-19	
fresh air @					
27.34 °C	7.93				
31.65 °C		7.34			

Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by USA Blue Book.

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

STANDARD µmhos	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
8,974	NM	NM	8GC218	Mar-19
2,764	2,764	2,767	8GF595	Jun-19
447	NM	NM	No Stock	No Stock
84	84	85	7GL083	Oct-18

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

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

STANDARD (mV)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
200	200	201	8GA387	Oct-18
400	400	403	8GA1064	Jan-19

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

HACH POCKET COLORIMETER II S/N 06070D052733

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

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

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

STANDARD (ntu)	INITIAL	CCV	LOT NUMBER	EXPIRATION DATE
	METER READING			
1000	NM	NM	See Below	May-20
100	100	100	See Below	May-20
10	10	10	See Below	May-20
0.02	.02	.02	See Below	May-20

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 80516

Remarks: 85°-90° F Breeze from South

Weather Conditions: Steady 5-10 mph Clear Sunny

Equipment Blank with D.I. water

Zephyrhills brand Lot #071018191WF2331722

Exp Date 01/31/20

Equipment Blank Data - Collected @ Not Collected

pH = / Cond = /

Temp = / D.O. = /

Turbidity = /

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.41 on 08/15/18: Update Calibration Solutions

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

COPY TO: John Arnold, P.E.

SIGNED:

Chris Monaco or Karen LeBeau

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

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

4810 Executive Park Court, Suite 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): Chris Monaco Karen LeBeau Idral Tech	Billing Contact: John Arnold FL
Sampler(s) Signature: Karen LeBeau	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: AB06164

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8011	8260B Appendix 1 FL	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Na,Ni,Hg,Pb,Sb,Se,Tl,V,Zn	Ammonia 350.1	TDS SM2540C / Chloride 300, Nitrate as N 300	~~TDS SM2540C~~					Sample Comments
							I	H	N	S	I						
	MW-4B	9-10-18	1007	Grab	GW	8	2	3	1	1	1						
	MW-4	9-10-18	1030	Grab	GW	8	2	3	1	1	1						
	MW-5BR	9-10-18	1114	Grab	GW	8	2	3	1	1	1						
	MW-5AR	9-10-18	1216	Grab	GW	8	2	3	1	1	1						
	MW-3B	9-10-18	1323	Grab	GW	8	2	3	1	1	1						
	MW-3	9-10-18	1345	Grab	GW	8	2	3	1	1	1						
	MW-17B	9-10-18	1413	Grab	GW	8	2	3	1	1	1						
	MW-6B	9-10-18	1508	~~Grab~~	GW	8	2	3	1	1	1						
	MW-6	9-10-18	1528	Grab	GW	8	2	3	1	1	1						
	tripblank1	—	—	Grab	O	2	—	2	—	—	—						Lab supplied
	MW-7A	9-11-18	0955	Grab	GW	8	2	3	1	1	1						
	MW-7BR	9-11-18	1037	Grab	GW	8	2	3	1	1	1						

Preservation (See Codes) (Combine as necessary)

<-- Total # of Containers

Sample Kit Prepared By: ECG — Date/Time: 8/30/18 11:50	Relinquished By: [signature] — Date/Time: 8/30/18 11:50	Received By: Karen LeBeau — Date/Time: 9-4-18 1313	
Comments/Special Reporting Requirements	Relinquished By: Karen LeBeau — Date/Time: 9-11-18 1347	Received By: [signature] — Date/Time: 9-11-18 1347	
	Relinquished By: [signature] — Date/Time: 9-11-18 1520	Received By: Rosa Maval — Date/Time: 9/11/18 15:20	
	Cooler #'s & Temps on Receipt	Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

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

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

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

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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): Chris Morado, Karen LeBeau / Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature: Karen LeBeau	Site Location / Time Zone: FL/EST

Requested Analyses

8011	8260B Appendix 1 FL	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Na,Ni,Hg,Pb,Sb,Se,Tl,V,Zn	Ammonia 350.1	TDS SM 2540C / Chloride 300, Nitrate as N 300	TDS-SM2540C				

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

__1__ Standard

___ Expedited

Due ___/___/___

Lab Workorder: AB06164

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	H	N	S	I						Sample Comments
	MW-8B	9-11-18	1110	Grab	GW	8	2	3	1	1	1						
	MW-9B	9-11-18	1142	Grab	GW	8	2	3	1	1	1						
	MW-10B	9-11-18	1245	Grab	GW	8	2	3	1	1	1						
	MW-18B	9-11-18	1334	Grab	GW	8	2	3	1	1	1						
	Duplicate	9-11-18	1334	Grab	GW	8	2	3	1	1	1						
	Equipment Blank	9/11/18	1345	Grab	O	8	2	3	1	1	1						ITS DI water
	Trip Blank 2	-	-	Grab	O	2	-	2	-	-	-						lab DI water

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
ECG	8/30/18 11:50		8/30/18 11:50	Karen LeBeau	9-4-18 1313
Comments/Special Reporting Requirements		Relinquished By: Karen LeBeau	Date/Time: 9-11-18 1347	Received By:	Date/Time: 9-11-18 1347
		Relinquished By:	Date/Time: 9-11-18 1520	Received By: Rosa Manuel	Date/Time: 9/4/18 15:20
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

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

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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): Chr. S Monaco Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature:	Site Location / Time Zone: FL/EST

Requested Analyses

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

Preservation (See Codes) (Combine as necessary)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AB06164

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	H	N	S	I						Sample Comments
	MW-19A	9-11-18	1437	Grab	GW	8	2	3	1	1	1						
	MW-20B	9-11-18	1529	Grab	GW	8	2	3	1	1	1						
	Supply Well	9-11-18	1554	Grab	DW	8	2	3	1	1	1						
	BW-1B	9-12-18	1555	Grab	GW	8	2	3	1	1	1						

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 8/30/18 11:50	Relinquished By	Date/Time: 8/30/18 11:50	Received By	Date/Time: 9/4/18 13:13
Comments/Special Reporting Requirements		Relinquished By	Date/Time: 9/12/18 1350	Received By	Date/Time: 9/12/18 1350
		Relinquished By	Date/Time: 9/12/18 1535	Received By: Rosa Maival	Date/Time: 9/12/18 15:35
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

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

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

Attachment 5
2018, 3RD Quarter Landfill Gas Data

IDEAL TECH SERVICES, INC.

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

September 13, 2018

Subject Site: Enterprise Class III Landfill and Recycling Facility (Angelo's Recycled Materials) Third Quarter 2018 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 third quarterly landfill gas monitoring event of 2018 was performed on 09/10/2018.

09/10/18 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 THIRD QUARTER 2018

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	8%	
GP-12	0%	well marked 12A
GP-13	0%	well marked 13A
GP-14	10%	
GP-15	0%	
GP-16	-	not installed at this time
SCALE HOUSE	0%	staff occupied structure
Date of measurement 09/10/18		

Attachment B

EQUIPMENT CALIBRATION LOGS

LANDFILL GAS CALIBRATION RECORD
ENTERPRISE CLASS III LANDFILL AND RECYCLING FACILITY THIRD QUARTERLY 2018

IDEAL TECH SERVICES, INC. W.O.# ARM-EL-47 BW Technologies Model: GasAlert Max XT II, Serial # MA212-42142		
Date:	START	END
20 % LEL	20%	20%
Zero Air	0.0	0.0
Ambient Background	0.0	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		

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

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

Tuesday, September 18, 2018
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): AB06164

Dear Walker Wrenn,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, September 11, 2018.

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-4B **Lab ID: AB06164-01** **Sampled: 09/10/18 10:07** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/12/18	10:07			09/11/18	16:00	09/11/18 18:02
EPA 300.0	NA	10/08/18				09/11/18	16:00	09/11/18 18:02
EPA 350.1	NO PREP	10/08/18				09/12/18	08:48	09/12/18 11:40
EPA 6020A	EPA 3005A	03/09/19				09/12/18	10:45	09/13/18 10:38
EPA 7470A	EPA 7470A	10/08/18				09/12/18	12:30	09/13/18 08:02
EPA 8011	EPA 504/8011	09/24/18				09/17/18	08:15	09/17/18 15:28
EPA 8260B	EPA 5030B_MS	09/24/18				09/13/18	00:00	09/13/18 11:00
Field	NO PREP	09/10/18	10:21			09/10/18	10:07	09/10/18 10:07
Field	NO PREP	09/11/18	10:07	09/11/18	10:07	09/10/18	10:07	09/10/18 10:07
Field	NO PREP	09/12/18	10:07			09/10/18	10:07	09/10/18 10:07
SM 2540C-2011	NO PREP	09/17/18				09/11/18	20:52	09/13/18 22:30

Client ID: MW-4 **Lab ID: AB06164-02** **Sampled: 09/10/18 10:30** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/12/18	10:30			09/11/18	16:00	09/11/18 18:19
EPA 300.0	NA	10/08/18				09/11/18	16:00	09/11/18 18:19
EPA 350.1	NO PREP	10/08/18				09/12/18	08:48	09/12/18 11:44
EPA 6020A	EPA 3005A	03/09/19				09/12/18	10:45	09/13/18 11:23
EPA 7470A	EPA 7470A	10/08/18				09/12/18	12:30	09/13/18 08:11
EPA 8011	EPA 504/8011	09/24/18				09/17/18	08:15	09/17/18 15:44
EPA 8260B	EPA 5030B_MS	09/24/18				09/13/18	00:00	09/13/18 14:31
Field	NO PREP	09/10/18	10:44			09/10/18	10:30	09/10/18 10:30
Field	NO PREP	09/11/18	10:30	09/11/18	10:30	09/10/18	10:30	09/10/18 10:30
Field	NO PREP	09/12/18	10:30			09/10/18	10:30	09/10/18 10:30
SM 2540C-2011	NO PREP	09/17/18				09/11/18	20:52	09/13/18 22:30

Client ID: MW-5BR **Lab ID: AB06164-03** **Sampled: 09/10/18 11:14** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/12/18	11:14			09/11/18	16:00	09/11/18 18:35
EPA 300.0	NA	10/08/18				09/11/18	16:00	09/11/18 18:35
EPA 350.1	NO PREP	10/08/18				09/12/18	08:48	09/12/18 11:45
EPA 6020A	EPA 3005A	03/09/19				09/12/18	10:45	09/13/18 11:27
EPA 7470A	EPA 7470A	10/08/18				09/12/18	12:30	09/13/18 08:14
EPA 8011	EPA 504/8011	09/24/18				09/17/18	08:15	09/17/18 16:00
EPA 8260B	EPA 5030B_MS	09/24/18				09/13/18	00:00	09/13/18 11:00
Field	NO PREP	09/10/18	11:28			09/10/18	11:14	09/10/18 11:14
Field	NO PREP	09/11/18	11:14	09/11/18	11:14	09/10/18	11:14	09/10/18 11:14
Field	NO PREP	09/12/18	11:14			09/10/18	11:14	09/10/18 11:14
SM 2540C-2011	NO PREP	09/17/18				09/11/18	20:52	09/13/18 22:30

Client ID: MW-5AR **Lab ID: AB06164-04** **Sampled: 09/10/18 12:16** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/12/18	12:16			09/11/18	16:00	09/11/18 18:52
EPA 300.0	NA	10/08/18				09/11/18	16:00	09/11/18 18:52
EPA 350.1	NO PREP	10/08/18				09/12/18	08:48	09/12/18 11:46
EPA 6020A	EPA 3005A	03/09/19				09/12/18	10:45	09/13/18 11:31
EPA 7470A	EPA 7470A	10/08/18				09/12/18	12:30	09/13/18 08:17
EPA 8011	EPA 504/8011	09/24/18				09/17/18	08:15	09/17/18 16:16
EPA 8260B	EPA 5030B_MS	09/24/18				09/13/18	00:00	09/13/18 11:30
Field	NO PREP	09/10/18	12:30			09/10/18	12:16	09/10/18 12:16
Field	NO PREP	09/11/18	12:16	09/11/18	12:16	09/10/18	12:16	09/10/18 12:16
Field	NO PREP	09/12/18	12:16			09/10/18	12:16	09/10/18 12:16
SM 2540C-2011	NO PREP	09/17/18				09/11/18	20:52	09/13/18 22:30

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5AR **Lab ID: AB06164-04RE1** **Sampled: 09/10/18 12:16** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6020A	EPA 3005A	03/09/19	09/12/18 10:45	09/13/18 12:11

Client ID: MW-3B **Lab ID: AB06164-05** **Sampled: 09/10/18 13:23** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	NA	09/12/18 13:23	09/11/18 16:00	09/11/18 19:09
EPA 300.0	NA	10/08/18	09/11/18 16:00	09/11/18 19:09
EPA 350.1	NO PREP	10/08/18	09/12/18 08:48	09/12/18 11:47
EPA 6020A	EPA 3005A	03/09/19	09/12/18 10:45	09/13/18 11:35
EPA 7470A	EPA 7470A	10/08/18	09/12/18 12:30	09/13/18 08:20
EPA 8011	EPA 504/8011	09/24/18	09/17/18 08:15	09/17/18 16:48
EPA 8260B	EPA 5030B_MS	09/24/18	09/13/18 00:00	09/13/18 11:59
Field	NO PREP	09/10/18 13:37	09/10/18 13:23	09/10/18 13:23
Field	NO PREP	09/11/18 13:23 09/11/18 13:23	09/10/18 13:23	09/10/18 13:23
Field	NO PREP	09/12/18 13:23	09/10/18 13:23	09/10/18 13:23
SM 2540C-2011	NO PREP	09/17/18	09/11/18 20:52	09/13/18 22:30

Client ID: MW-3 **Lab ID: AB06164-06** **Sampled: 09/10/18 13:45** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	NA	09/12/18 13:45	09/11/18 16:00	09/11/18 19:25
EPA 300.0	NA	10/08/18	09/11/18 16:00	09/11/18 19:25
EPA 350.1	NO PREP	10/08/18	09/12/18 08:48	09/12/18 11:49
EPA 6020A	EPA 3005A	03/09/19	09/12/18 10:45	09/13/18 11:38
EPA 7470A	EPA 7470A	10/08/18	09/12/18 12:30	09/13/18 08:23
EPA 8011	EPA 504/8011	09/24/18	09/17/18 08:15	09/17/18 17:04
EPA 8260B	EPA 5030B_MS	09/24/18	09/13/18 00:00	09/13/18 12:29
Field	NO PREP	09/10/18 13:59	09/10/18 13:45	09/10/18 13:45
Field	NO PREP	09/11/18 13:45 09/11/18 13:45	09/10/18 13:45	09/10/18 13:45
Field	NO PREP	09/12/18 13:45	09/10/18 13:45	09/10/18 13:45
SM 2540C-2011	NO PREP	09/17/18	09/11/18 20:52	09/13/18 22:30

Client ID: MW-17B **Lab ID: AB06164-07** **Sampled: 09/10/18 14:13** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	NA	09/12/18 14:13	09/11/18 16:00	09/11/18 19:42
EPA 300.0	NA	10/08/18	09/11/18 16:00	09/11/18 19:42
EPA 350.1	NO PREP	10/08/18	09/12/18 08:48	09/12/18 11:50
EPA 6020A	EPA 3005A	03/09/19	09/12/18 10:45	09/13/18 11:42
EPA 7470A	EPA 7470A	10/08/18	09/12/18 12:30	09/13/18 08:32
EPA 8011	EPA 504/8011	09/24/18	09/17/18 08:15	09/17/18 17:20
EPA 8260B	EPA 5030B_MS	09/24/18	09/13/18 00:00	09/13/18 12:58
Field	NO PREP	09/10/18 14:27	09/10/18 14:13	09/10/18 14:13
Field	NO PREP	09/11/18 14:13 09/11/18 14:13	09/10/18 14:13	09/10/18 14:13
Field	NO PREP	09/12/18 14:13	09/10/18 14:13	09/10/18 14:13
SM 2540C-2011	NO PREP	09/17/18	09/11/18 20:52	09/13/18 22:30

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-6B **Lab ID: AB06164-08** **Sampled: 09/10/18 15:08** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/12/18	15:08			09/11/18	16:00	09/11/18	19:58
EPA 300.0	NA	10/08/18				09/11/18	16:00	09/11/18	19:58
EPA 350.1	NO PREP	10/08/18				09/12/18	08:48	09/12/18	11:53
EPA 6020A	EPA 3005A	03/09/19				09/12/18	10:45	09/13/18	11:46
EPA 7470A	EPA 7470A	10/08/18				09/12/18	12:30	09/13/18	08:36
EPA 8011	EPA 504/8011	09/24/18				09/17/18	08:15	09/17/18	17:36
EPA 8260B	EPA 5030B_MS	09/24/18				09/13/18	00:00	09/13/18	13:28
Field	NO PREP	09/10/18	15:22			09/10/18	15:08	09/10/18	15:08
Field	NO PREP	09/11/18	15:08	09/11/18	15:08	09/10/18	15:08	09/10/18	15:08
Field	NO PREP	09/12/18	15:08			09/10/18	15:08	09/10/18	15:08
SM 2540C-2011	NO PREP	09/17/18				09/11/18	20:52	09/13/18	22:30

Client ID: MW-6 **Lab ID: AB06164-09** **Sampled: 09/10/18 15:28** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/12/18	15:28			09/11/18	16:00	09/11/18	20:15
EPA 300.0	NA	10/08/18				09/11/18	16:00	09/11/18	20:15
EPA 350.1	NO PREP	10/08/18				09/12/18	08:48	09/12/18	11:55
EPA 6020A	EPA 3005A	03/09/19				09/12/18	10:45	09/13/18	11:50
EPA 7470A	EPA 7470A	10/08/18				09/12/18	12:30	09/13/18	08:39
EPA 8011	EPA 504/8011	09/24/18				09/17/18	08:15	09/17/18	17:52
EPA 8260B	EPA 5030B_MS	09/24/18				09/13/18	00:00	09/13/18	13:57
Field	NO PREP	09/10/18	15:42			09/10/18	15:28	09/10/18	15:28
Field	NO PREP	09/11/18	15:28	09/11/18	15:28	09/10/18	15:28	09/10/18	15:28
Field	NO PREP	09/12/18	15:28			09/10/18	15:28	09/10/18	15:28
SM 2540C-2011	NO PREP	09/17/18				09/11/18	20:52	09/13/18	22:30

Client ID: TRIP BLANK 1 **Lab ID: AB06164-10** **Sampled: 09/10/18 00:00** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8260B	EPA 5030B_MS	09/24/18	09/13/18	00:00	09/13/18	14:27

Client ID: MW-7A **Lab ID: AB06164-11** **Sampled: 09/11/18 09:55** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/13/18	09:55			09/11/18	16:00	09/11/18	21:21
EPA 300.0	NA	10/09/18				09/11/18	16:00	09/11/18	21:21
EPA 350.1	NO PREP	10/09/18				09/12/18	08:48	09/12/18	11:56
EPA 6020A	EPA 3005A	03/10/19				09/12/18	10:45	09/13/18	12:39
EPA 7470A	EPA 7470A	10/09/18				09/12/18	12:30	09/13/18	08:42
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18	18:08
EPA 8260B	EPA 5030B_MS	09/25/18				09/13/18	00:00	09/13/18	14:56
Field	NO PREP	09/11/18	10:09			09/11/18	09:55	09/11/18	09:55
Field	NO PREP	09/12/18	09:55	09/12/18	09:55	09/11/18	09:55	09/11/18	09:55
Field	NO PREP	09/13/18	09:55			09/11/18	09:55	09/11/18	09:55
SM 2540C-2011	NO PREP	09/18/18				09/11/18	20:52	09/13/18	22:30

Client ID: MW-7A **Lab ID: AB06164-11RE1** **Sampled: 09/11/18 09:55** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6020A	EPA 3005A	03/10/19	09/12/18	10:45	09/13/18	13:06

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-7BR **Lab ID: AB06164-12** **Sampled: 09/11/18 10:37** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/13/18	10:37			09/11/18	16:00	09/11/18	21:38
EPA 300.0	NA	10/09/18				09/11/18	16:00	09/11/18	21:38
EPA 350.1	NO PREP	10/09/18				09/12/18	08:48	09/12/18	11:58
EPA 6020A	EPA 3005A	03/10/19				09/12/18	10:45	09/13/18	12:42
EPA 7470A	EPA 7470A	10/09/18				09/12/18	12:30	09/13/18	08:45
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18	18:24
EPA 8260B	EPA 5030B_MS	09/25/18				09/13/18	00:00	09/13/18	15:25
Field	NO PREP	09/11/18	10:51			09/11/18	10:37	09/11/18	10:37
Field	NO PREP	09/12/18	10:37	09/12/18	10:37	09/11/18	10:37	09/11/18	10:37
Field	NO PREP	09/13/18	10:37			09/11/18	10:37	09/11/18	10:37
SM 2540C-2011	NO PREP	09/18/18				09/11/18	20:52	09/13/18	22:30

Client ID: MW-8B **Lab ID: AB06164-13** **Sampled: 09/11/18 11:10** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/13/18	11:10			09/11/18	16:00	09/11/18	21:54
EPA 300.0	NA	10/09/18				09/11/18	16:00	09/11/18	21:54
EPA 350.1	NO PREP	10/09/18				09/12/18	08:48	09/12/18	11:59
EPA 6020A	EPA 3005A	03/10/19				09/12/18	10:45	09/13/18	12:46
EPA 7470A	EPA 7470A	10/09/18				09/12/18	12:30	09/13/18	08:48
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18	18:40
EPA 8260B	EPA 5030B_MS	09/25/18				09/13/18	00:00	09/13/18	15:55
Field	NO PREP	09/11/18	11:24			09/11/18	11:10	09/11/18	11:10
Field	NO PREP	09/12/18	11:10	09/12/18	11:10	09/11/18	11:10	09/11/18	11:10
Field	NO PREP	09/13/18	11:10			09/11/18	11:10	09/11/18	11:10
SM 2540C-2011	NO PREP	09/18/18				09/11/18	20:52	09/13/18	22:30

Client ID: MW-9B **Lab ID: AB06164-14** **Sampled: 09/11/18 11:42** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/13/18	11:42			09/11/18	16:00	09/11/18	22:11
EPA 300.0	NA	10/09/18				09/11/18	16:00	09/11/18	22:11
EPA 350.1	NO PREP	10/09/18				09/12/18	08:48	09/12/18	12:00
EPA 6020A	EPA 3005A	03/10/19				09/12/18	10:45	09/13/18	12:50
EPA 7470A	EPA 7470A	10/09/18				09/12/18	12:30	09/13/18	08:51
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18	18:56
EPA 8260B	EPA 5030B_MS	09/25/18				09/13/18	00:00	09/13/18	16:24
Field	NO PREP	09/11/18	11:56			09/11/18	11:42	09/11/18	11:42
Field	NO PREP	09/12/18	11:42	09/12/18	11:42	09/11/18	11:42	09/11/18	11:42
Field	NO PREP	09/13/18	11:42			09/11/18	11:42	09/11/18	11:42
SM 2540C-2011	NO PREP	09/18/18				09/11/18	20:52	09/13/18	22:30

Client ID: MW-10B **Lab ID: AB06164-15** **Sampled: 09/11/18 12:45** **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 300.0	NA	09/13/18	12:45			09/11/18	16:00	09/11/18	22:27
EPA 300.0	NA	10/09/18				09/11/18	16:00	09/11/18	22:27
EPA 350.1	NO PREP	10/09/18				09/12/18	08:48	09/12/18	12:02
EPA 6020A	EPA 3005A	03/10/19				09/12/18	10:45	09/13/18	12:54
EPA 7470A	EPA 7470A	10/09/18				09/12/18	12:30	09/13/18	08:54
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18	19:12
EPA 8260B	EPA 5030B_MS	09/25/18				09/13/18	00:00	09/13/18	16:53
Field	NO PREP	09/11/18	12:59			09/11/18	12:45	09/11/18	12:45
Field	NO PREP	09/12/18	12:45	09/12/18	12:45	09/11/18	12:45	09/11/18	12:45
Field	NO PREP	09/13/18	12:45			09/11/18	12:45	09/11/18	12:45
SM 2540C-2011	NO PREP	09/18/18				09/11/18	20:52	09/13/18	22:30

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-18B | **Lab ID: AB06164-16** | **Sampled: 09/11/18 13:34** | **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/13/18	13:34			09/11/18	16:00	09/11/18 22:44
EPA 300.0	NA	10/09/18				09/11/18	16:00	09/11/18 22:44
EPA 350.1	NO PREP	10/09/18				09/12/18	08:48	09/12/18 12:03
EPA 6020A	EPA 3005A	03/10/19				09/12/18	10:45	09/13/18 12:57
EPA 7470A	EPA 7470A	10/09/18				09/12/18	12:30	09/13/18 08:57
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18 19:44
EPA 8260B	EPA 5030B_MS	09/25/18				09/13/18	00:00	09/13/18 17:23
Field	NO PREP	09/11/18	13:48			09/11/18	13:34	09/11/18 13:34
Field	NO PREP	09/12/18	13:34	09/12/18	13:34	09/11/18	13:34	09/11/18 13:34
Field	NO PREP	09/13/18	13:34			09/11/18	13:34	09/11/18 13:34
SM 2540C-2011	NO PREP	09/18/18				09/11/18	20:52	09/13/18 22:30

Client ID: DUPLICATE | **Lab ID: AB06164-17** | **Sampled: 09/11/18 13:34** | **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/13/18	13:34	09/11/18	16:00	09/11/18 23:01
EPA 300.0	NA	10/09/18		09/11/18	16:00	09/11/18 23:01
EPA 350.1	NO PREP	10/09/18		09/12/18	08:48	09/12/18 12:04
EPA 6020A	EPA 3005A	03/10/19		09/12/18	10:45	09/13/18 13:01
EPA 7470A	EPA 7470A	10/09/18		09/12/18	12:30	09/13/18 09:01
EPA 8011	EPA 504/8011	09/25/18		09/17/18	08:15	09/17/18 19:59
EPA 8260B	EPA 5030B_MS	09/25/18		09/12/18	13:49	09/13/18 01:52
SM 2540C-2011	NO PREP	09/18/18		09/11/18	20:52	09/13/18 22:30

Client ID: EQUIPMENT BLANK | **Lab ID: AB06164-18** | **Sampled: 09/11/18 13:45** | **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/13/18	13:45	09/11/18	16:00	09/11/18 21:05
EPA 300.0	NA	10/09/18		09/11/18	16:00	09/11/18 21:05
EPA 350.1	NO PREP	10/09/18		09/12/18	08:48	09/12/18 12:07
EPA 6020A	EPA 3005A	03/10/19		09/12/18	10:45	09/13/18 11:01
EPA 7470A	EPA 7470A	10/09/18		09/12/18	12:30	09/13/18 09:13
EPA 8011	EPA 504/8011	09/25/18		09/17/18	08:15	09/17/18 20:15
EPA 8260B	EPA 5030B_MS	09/25/18		09/12/18	13:49	09/13/18 02:22
SM 2540C-2011	NO PREP	09/18/18		09/11/18	20:52	09/13/18 22:30

Client ID: TRIP BLANK 2 | **Lab ID: AB06164-19** | **Sampled: 09/11/18 00:00** | **Received: 09/11/18 15:32**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	EPA 5030B_MS	09/25/18	09/12/18	13:49	09/13/18 02:51

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SAMPLE DETECTION SUMMARY

Client ID: MW-4B **Lab ID: AB06164-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.0	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	21.95				Ft	Field	
Dissolved Oxygen	2.8		0	0	mg/L	Field	
Nitrate as N	0.43	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	18.7		-999	-999	mV	Field	
pH	7.01				pH Units	Field	
Sodium - Total	4.11		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	321		0	0	umhos/cm	Field	
Temperature	23.92		0	0	°C	Field	
Total Dissolved Solids	170		10	10	mg/L	SM 2540C-2011	
Turbidity	0.3		0	0	NTU	Field	
Vanadium - Total	2.02	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	78.92				Ft	Field	

Client ID: MW-4 **Lab ID: AB06164-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Cadmium - Total	1.73	I	0.900	3.00	ug/L	EPA 6020A	
Chloride	22		0.29	5.0	mg/L	EPA 300.0	
Copper - Total	8.22	I	2.20	10.0	ug/L	EPA 6020A	
Depth to Water	14.85				Ft	Field	
Dissolved Oxygen	1.44		0	0	mg/L	Field	
Iron - Total	463		38.0	50.0	ug/L	EPA 6020A	
Nickel - Total	3.58	I	3.20	10.0	ug/L	EPA 6020A	
Oxidation/Reduction Potential	20.8		-999	-999	mV	Field	
pH	5.99				pH Units	Field	
Sodium - Total	16.9		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	806		0	0	umhos/cm	Field	
Temperature	27.52		0	0	°C	Field	
Total Dissolved Solids	460		10	10	mg/L	SM 2540C-2011	
Turbidity	19.9		0	0	NTU	Field	
Vanadium - Total	3.94	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	85.74				Ft	Field	

Client ID: MW-5BR **Lab ID: AB06164-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.4	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	1.74		0	0	mg/L	Field	
Mercury - Total	0.239		0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.54	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	65		-999	-999	mV	Field	
pH	6.41				pH Units	Field	
Sodium - Total	4.48		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	353		0	0	umhos/cm	Field	
Temperature	24		0	0	°C	Field	
Total Dissolved Solids	200		10	10	mg/L	SM 2540C-2011	
Turbidity	0.2		0	0	NTU	Field	
Vanadium - Total	2.74	I	2.00	10.0	ug/L	EPA 6020A	

Client ID: MW-5AR **Lab ID: AB06164-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	20		0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	0.21		0	0	mg/L	Field	
pH	5.6				pH Units	Field	
Sodium - Total	10.8		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	430		0	0	umhos/cm	Field	
Temperature	28.53		0	0	°C	Field	
Total Dissolved Solids	230		10	10	mg/L	SM 2540C-2011	
Turbidity	10.9		0	0	NTU	Field	

SAMPLE DETECTION SUMMARY

Client ID: MW-5AR **Lab ID: AB06164-04RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	10100		190	250	ug/L	EPA 6020A	

Client ID: MW-3B **Lab ID: AB06164-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.029		0.0073	0.020	mg/L	EPA 350.1	
Chloride	10		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	9.39				Ft	Field	
Dissolved Oxygen	0.09		0	0	mg/L	Field	
pH	6.99				pH Units	Field	
Sodium - Total	11.2		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	424		0	0	umhos/cm	Field	
Temperature	25.25		0	0	°C	Field	
Total Dissolved Solids	250		10	10	mg/L	SM 2540C-2011	
Turbidity	0.4		0	0	NTU	Field	
Vanadium - Total	2.18	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	75.41				Ft	Field	

Client ID: MW-3 **Lab ID: AB06164-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	9.6		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	10.01				Ft	Field	
Dissolved Oxygen	2.2		0	0	mg/L	Field	
Nitrate as N	0.18	I	0.052	1.0	mg/L	EPA 300.0	J
pH	6.58				pH Units	Field	
Sodium - Total	11.2		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	532		0	0	umhos/cm	Field	
Temperature	27.68		0	0	°C	Field	
Total Dissolved Solids	290		10	10	mg/L	SM 2540C-2011	
Turbidity	1.3		0	0	NTU	Field	
Vanadium - Total	2.00	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	75.38				Ft	Field	

Client ID: MW-17B **Lab ID: AB06164-07**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	8.5		0.29	5.0	mg/L	EPA 300.0	
Chromium - Total	5.02	I	4.50	10.0	ug/L	EPA 6020A	
Dissolved Oxygen	3.1		0	0	mg/L	Field	
Mercury - Total	0.199	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	2.3		0.052	1.0	mg/L	EPA 300.0	
pH	6.63				pH Units	Field	
Sodium - Total	8.54		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	510		0	0	umhos/cm	Field	
Temperature	23.69		0	0	°C	Field	
Total Dissolved Solids	290		10	10	mg/L	SM 2540C-2011	
Turbidity	0.6		0	0	NTU	Field	

Client ID: MW-6B **Lab ID: AB06164-08**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	3.7	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	2		0	0	mg/L	Field	
Nitrate as N	0.80	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	13.3		-999	-999	mV	Field	
pH	7.18				pH Units	Field	
Sodium - Total	3.78		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	301		0	0	umhos/cm	Field	
Temperature	24.72		0	0	°C	Field	
Total Dissolved Solids	180		10	10	mg/L	SM 2540C-2011	
Turbidity	0.2		0	0	NTU	Field	
Vanadium - Total	4.06	I	2.00	10.0	ug/L	EPA 6020A	

SAMPLE DETECTION SUMMARY

Client ID: MW-6 **Lab ID: AB06164-09**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Barium - Total	99.1	I	20.0	100	ug/L	EPA 6020A	
Chloride	10		0.29	5.0	mg/L	EPA 300.0	
Chromium - Total	7.02	I	4.50	10.0	ug/L	EPA 6020A	
Depth to Water	17.68				Ft	Field	
Dissolved Oxygen	1.25		0	0	mg/L	Field	
Iron - Total	331		38.0	50.0	ug/L	EPA 6020A	
Nickel - Total	5.37	I	3.20	10.0	ug/L	EPA 6020A	
Nitrate as N	20		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	102.5		-999	-999	mV	Field	
pH	5.07				pH Units	Field	
Sodium - Total	10.1		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	550		0	0	umhos/cm	Field	
Temperature	27.02		0	0	°C	Field	
Total Dissolved Solids	430		10	10	mg/L	SM 2540C-2011	
Turbidity	14.5		0	0	NTU	Field	
Water Elevation	70.97				Ft	Field	

Client ID: MW-7A **Lab ID: AB06164-11**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.15		0.0073	0.020	mg/L	EPA 350.1	QM-07
Chloride	8.6		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	22.14				Ft	Field	
Dissolved Oxygen	0.24		0	0	mg/L	Field	
Oxidation/Reduction Potential	40.9		-999	-999	mV	Field	
pH	5.56				pH Units	Field	
Sodium - Total	13.8		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	443		0	0	umhos/cm	Field	
Temperature	26.8		0	0	°C	Field	
Total Dissolved Solids	280		10	10	mg/L	SM 2540C-2011	
Turbidity	9		0	0	NTU	Field	
Vinyl chloride	0.85	I	0.71	1.0	ug/L	EPA 8260B	J
Water Elevation	78.58				Ft	Field	

Client ID: MW-7A **Lab ID: AB06164-11RE1**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Iron - Total	10800		190	250	ug/L	EPA 6020A	

Client ID: MW-7BR **Lab ID: AB06164-12**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.3	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	27.89				Ft	Field	
Dissolved Oxygen	1.14		0	0	mg/L	Field	
Nitrate as N	0.81	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	16.9		-999	-999	mV	Field	
pH	7.23				pH Units	Field	
Sodium - Total	3.83		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	308		0	0	umhos/cm	Field	
Temperature	25.12		0	0	°C	Field	
Total Dissolved Solids	180		10	10	mg/L	SM 2540C-2011	
Turbidity	1.3		0	0	NTU	Field	
Vanadium - Total	5.85	I	2.00	10.0	ug/L	EPA 6020A	
Water Elevation	75.38				Ft	Field	

SAMPLE DETECTION SUMMARY

Client ID: MW-8B **Lab ID: AB06164-13**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	1.1		0.0073	0.020	mg/L	EPA 350.1	
Barium - Total	56.6	I	20.0	100	ug/L	EPA 6020A	
Chloride	13		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	33.06				Ft	Field	
Dissolved Oxygen	0.09		0	0	mg/L	Field	
Iron - Total	4960		38.0	50.0	ug/L	EPA 6020A	
Nickel - Total	4.53	I	3.20	10.0	ug/L	EPA 6020A	
pH	6.5				pH Units	Field	
Sodium - Total	11.4		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	647		0	0	umhos/cm	Field	
Temperature	27.15		0	0	°C	Field	
Total Dissolved Solids	370		10	10	mg/L	SM 2540C-2011	
Turbidity	2		0	0	NTU	Field	
Water Elevation	68.49				Ft	Field	

Client ID: MW-9B **Lab ID: AB06164-14**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	7.1		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	34.14				Ft	Field	
Dissolved Oxygen	0.94		0	0	mg/L	Field	
Iron - Total	743		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.137	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	1.8		0.052	1.0	mg/L	EPA 300.0	
pH	6.58				pH Units	Field	
Sodium - Total	9.25		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	558		0	0	umhos/cm	Field	
Temperature	26.74		0	0	°C	Field	
Total Dissolved Solids	320		10	10	mg/L	SM 2540C-2011	
Turbidity	1.9		0	0	NTU	Field	
Water Elevation	75.61				Ft	Field	

Client ID: MW-10B **Lab ID: AB06164-15**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	6.3		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	34.38				Ft	Field	
Dissolved Oxygen	0.25		0	0	mg/L	Field	
Mercury - Total	0.103	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	1.3		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	11.1		-999	-999	mV	Field	
pH	6				pH Units	Field	
Sodium - Total	6.12		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	359		0	0	umhos/cm	Field	
Temperature	26.06		0	0	°C	Field	
Total Dissolved Solids	230		10	10	mg/L	SM 2540C-2011	
Turbidity	0.2		0	0	NTU	Field	
Water Elevation	75.62				Ft	Field	

Client ID: MW-18B **Lab ID: AB06164-16**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	9.7		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	77.4				Ft	Field	
Dissolved Oxygen	0.75		0	0	mg/L	Field	
Mercury - Total	0.0265	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.27	I	0.052	1.0	mg/L	EPA 300.0	J
pH	6.68				pH Units	Field	
Sodium - Total	8.15		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	576		0	0	umhos/cm	Field	
Temperature	25.62		0	0	°C	Field	
Total Dissolved Solids	340		10	10	mg/L	SM 2540C-2011	
Turbidity	0.9		0	0	NTU	Field	
Water Elevation	68.38				Ft	Field	

SAMPLE DETECTION SUMMARY

Client ID: DUPLICATE **Lab ID:** AB06164-17

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	9.7		0.29	5.0	mg/L	EPA 300.0	
Mercury - Total	0.0239	I	0.0230	0.200	ug/L	EPA 7470A	
Nitrate as N	0.27	I	0.052	1.0	mg/L	EPA 300.0	J
Sodium - Total	7.98		0.320	1.00	mg/L	EPA 6020A	
Total Dissolved Solids	350		10	10	mg/L	SM 2540C-2011	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-01
Sampled: 09/10/18 10:07
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U, QM-11
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U, QM-07
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U, QM-11
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U, QM-11
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U, QM-07
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U, QM-11
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U, QM-11
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-01
Sampled: 09/10/18 10:07
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13009	EPA 8260B	09/13/18 11:00	MJH	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I13009*	*EPA 8260B*	*09/13/18 11:00*	*MJH*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*53-146*	*8I13009*	*EPA 8260B*	*09/13/18 11:00*	*MJH*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13009*	*EPA 8260B*	*09/13/18 11:00*	*MJH*	

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2-Dibromo-3-chloropropane [96-12-8]^	0.012	U	ug/L	1	0.012	0.020	8I17001	EPA 8011	09/17/18 15:28	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 15:28	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*118 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 15:28*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:02	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Sodium [7440-23-5]^	**4.11**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Vanadium [7440-62-2]^	**2.02**	I	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 10:38	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-01
Sampled: 09/10/18 10:07
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:40	kgonz	U
Chloride [16887-00-6]^	**4.0**	I	mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 18:02	RSA	
Nitrate as N [14797-55-8]^	**0.43**	I	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 18:02	RSA	J
Total Dissolved Solids^	**170**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**21.95**		Ft	1			8I18036	Field	09/10/18 10:07	CSP	
Dissolved Oxygen	**2.8**		mg/L	1	0	0	8I18036	Field	09/10/18 10:07	CSP	
Oxidation/Reduction Potential	**18.7**		mV	1	-999	-999	8I18036	Field	09/10/18 10:07	CSP	
pH	**7.01**		pH Units	1			8I18036	Field	09/10/18 10:07	CSP	
Specific Conductance (EC)	**321**		umhos/cm	1	0	0	8I18036	Field	09/10/18 10:07	CSP	
Temperature	**23.92**		°C	1	0	0	8I18036	Field	09/10/18 10:07	CSP	
Turbidity	**0.3**		NTU	1	0	0	8I18036	Field	09/10/18 10:07	CSP	
Water Elevation	**78.92**		Ft	1			8I18036	Field	09/10/18 10:07	CSP	

ANALYTICAL RESULTS

Description: MW-4 **Lab Sample ID:** AB06164-02 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 10:30 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13009	EPA 8260B	09/13/18 14:31	MJH	U

ANALYTICAL RESULTS

Description: MW-4 **Lab Sample ID:** AB06164-02 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 10:30 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

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	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I13009*	*EPA 8260B*	*09/13/18 14:31*	*MJH*	
Dibromofluoromethane	*54*	*1*	*50.0*	*107 %*	*53-146*	*8I13009*	*EPA 8260B*	*09/13/18 14:31*	*MJH*	
Toluene-d8	*49*	*1*	*50.0*	*99 %*	*41-146*	*8I13009*	*EPA 8260B*	*09/13/18 14:31*	*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	8I17001	EPA 8011	09/17/18 15:44	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 15:44	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.29*	*1*	*0.250*	*117 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 15:44*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:11	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Cadmium [7440-43-9]^	**1.73**	I	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Copper [7440-50-8]^	**8.22**	I	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Iron [7439-89-6]^	**463**		ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Nickel [7440-02-0]^	**3.58**	I	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Sodium [7440-23-5]^	**16.9**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Vanadium [7440-62-2]^	**3.94**	I	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:23	JMA	

ANALYTICAL RESULTS

Description: MW-4 **Lab Sample ID:** AB06164-02 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 10:30 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:44	kgonz	U
Chloride [16887-00-6]^	**22**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 18:19	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 18:19	RSA	U
Total Dissolved Solids^	**460**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**14.85**		Ft	1			8I18036	Field	09/10/18 10:30	CSP	
Dissolved Oxygen	**1.44**		mg/L	1	0	0	8I18036	Field	09/10/18 10:30	CSP	
Oxidation/Reduction Potential	**20.8**		mV	1	-999	-999	8I18036	Field	09/10/18 10:30	CSP	
pH	**5.99**		pH Units	1			8I18036	Field	09/10/18 10:30	CSP	
Specific Conductance (EC)	**806**		umhos/cm	1	0	0	8I18036	Field	09/10/18 10:30	CSP	
Temperature	**27.52**		°C	1	0	0	8I18036	Field	09/10/18 10:30	CSP	
Turbidity	**19.9**		NTU	1	0	0	8I18036	Field	09/10/18 10:30	CSP	
Water Elevation	**85.74**		Ft	1			8I18036	Field	09/10/18 10:30	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-03
Sampled: 09/10/18 11:14
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	QM-11, U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 11:00	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-03
Sampled: 09/10/18 11:14
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 11:00	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*53*	*1*	*50.0*	*105 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 11:00*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 11:00*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 11:00*	*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	8I17001	EPA 8011	09/17/18 16:00	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 16:00	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.29*	*1*	*0.250*	*118 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 16:00*	*JJB*	

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]^	**0.239**		ug/L	1	0.0230	0.200	8I12023	EPA 7470A	09/13/18 08:14	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Sodium [7440-23-5]^	**4.48**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Vanadium [7440-62-2]^	**2.74**	I	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:27	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-03
Sampled: 09/10/18 11:14
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:45	kgonz	U
Chloride [16887-00-6]^	**4.4**	I	mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 18:35	RSA	
Nitrate as N [14797-55-8]^	**0.54**	I	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 18:35	RSA	J
Total Dissolved Solids^	**200**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen	**1.74**		mg/L	1	0	0	8I18036	Field	09/10/18 11:14	CSP	
Oxidation/Reduction Potential	**65**		mV	1	-999	-999	8I18036	Field	09/10/18 11:14	CSP	
pH	**6.41**		pH Units	1			8I18036	Field	09/10/18 11:14	CSP	
Specific Conductance (EC)	**353**		umhos/cm	1	0	0	8I18036	Field	09/10/18 11:14	CSP	
Temperature	**24**		°C	1	0	0	8I18036	Field	09/10/18 11:14	CSP	
Turbidity	**0.2**		NTU	1	0	0	8I18036	Field	09/10/18 11:14	CSP	
Water Elevation	**0**		Ft	1			8I18036	Field	09/10/18 11:14	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-04
Sampled: 09/10/18 12:16
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 11:30	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-04
Sampled: 09/10/18 12:16
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 11:30*	*KKW*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 11:30*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 11:30*	*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	8I17001	EPA 8011	09/17/18 16:16	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 16:16	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.29*	*1*	*0.250*	*116 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 16:16*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:17	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Iron [7439-89-6]^	**10100**		ug/L	5	190	250	8I12004	EPA 6020A	09/13/18 12:11	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Sodium [7440-23-5]^	**10.8**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:31	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:31	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-04
Sampled: 09/10/18 12:16
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:46	kgonz	U
Chloride [16887-00-6]^	**20**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 18:52	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 18:52	RSA	U
Total Dissolved Solids^	**230**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen	**0.21**		mg/L	1	0	0	8I18036	Field	09/10/18 12:16	CSP	
Oxidation/Reduction Potential	**-88.6**		mV	1	-999	-999	8I18036	Field	09/10/18 12:16	CSP	
pH	**5.6**		pH Units	1			8I18036	Field	09/10/18 12:16	CSP	
Specific Conductance (EC)	**430**		umhos/cm	1	0	0	8I18036	Field	09/10/18 12:16	CSP	
Temperature	**28.53**		°C	1	0	0	8I18036	Field	09/10/18 12:16	CSP	
Turbidity	**10.9**		NTU	1	0	0	8I18036	Field	09/10/18 12:16	CSP	
Water Elevation	**0**		Ft	1			8I18036	Field	09/10/18 12:16	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-05
Sampled: 09/10/18 13:23
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 11:59	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-05
Sampled: 09/10/18 13:23
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 11:59*	*KKW*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 11:59*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 11:59*	*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	8I17001	EPA 8011	09/17/18 16:48	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 16:48	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*121 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 16:48*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:20	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Sodium [7440-23-5]^	**11.2**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Vanadium [7440-62-2]^	**2.18**	I	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:35	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-05
Sampled: 09/10/18 13:23
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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]^	**0.029**		mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:47	kgonz	
Chloride [16887-00-6]^	**10**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 19:09	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 19:09	RSA	U
Total Dissolved Solids^	**250**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**9.39**		Ft	1			8I18036	Field	09/10/18 13:23	CSP	
Dissolved Oxygen	**0.09**		mg/L	1	0	0	8I18036	Field	09/10/18 13:23	CSP	
Oxidation/Reduction Potential	**-42.9**		mV	1	-999	-999	8I18036	Field	09/10/18 13:23	CSP	
pH	**6.99**		pH Units	1			8I18036	Field	09/10/18 13:23	CSP	
Specific Conductance (EC)	**424**		umhos/cm	1	0	0	8I18036	Field	09/10/18 13:23	CSP	
Temperature	**25.25**		°C	1	0	0	8I18036	Field	09/10/18 13:23	CSP	
Turbidity	**0.4**		NTU	1	0	0	8I18036	Field	09/10/18 13:23	CSP	
Water Elevation	**75.41**		Ft	1			8I18036	Field	09/10/18 13:23	CSP	

ANALYTICAL RESULTS

Description: MW-3 **Lab Sample ID:** AB06164-06 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 13:45 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 12:29	KKW	U

ANALYTICAL RESULTS

Description: MW-3 **Lab Sample ID:** AB06164-06 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 13:45 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

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	*51*	*1*	*50.0*	*102 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 12:29*	*KKW*	
Dibromofluoromethane	*49*	*1*	*50.0*	*97 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 12:29*	*KKW*	
Toluene-d8	*53*	*1*	*50.0*	*105 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 12:29*	*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	8I17001	EPA 8011	09/17/18 17:04	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 17:04	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*120 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 17:04*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:23	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Sodium [7440-23-5]^	**11.2**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Vanadium [7440-62-2]^	**2.00**	I	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:38	JMA	

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ANALYTICAL RESULTS

Description: MW-3 **Lab Sample ID:** AB06164-06 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 13:45 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:49	kgonz	U
Chloride [16887-00-6]^	**9.6**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 19:25	RSA	
Nitrate as N [14797-55-8]^	**0.18**	I	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 19:25	RSA	J
Total Dissolved Solids^	**290**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**10.01**		Ft	1			8I18036	Field	09/10/18 13:45	CSP	
Dissolved Oxygen	**2.2**		mg/L	1	0	0	8I18036	Field	09/10/18 13:45	CSP	
Oxidation/Reduction Potential	**-53.5**		mV	1	-999	-999	8I18036	Field	09/10/18 13:45	CSP	
pH	**6.58**		pH Units	1			8I18036	Field	09/10/18 13:45	CSP	
Specific Conductance (EC)	**532**		umhos/cm	1	0	0	8I18036	Field	09/10/18 13:45	CSP	
Temperature	**27.68**		°C	1	0	0	8I18036	Field	09/10/18 13:45	CSP	
Turbidity	**1.3**		NTU	1	0	0	8I18036	Field	09/10/18 13:45	CSP	
Water Elevation	**75.38**		Ft	1			8I18036	Field	09/10/18 13:45	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-07
Sampled: 09/10/18 14:13
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 12:58	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-07
Sampled: 09/10/18 14:13
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*54*	*1*	*50.0*	*108 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 12:58*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*97 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 12:58*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 12:58*	*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	8I17001	EPA 8011	09/17/18 17:20	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 17:20	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*120 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 17:20*	*JJB*	

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]^	**0.199**	I	ug/L	1	0.0230	0.200	8I12023	EPA 7470A	09/13/18 08:32	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Chromium [7440-47-3]^	**5.02**	I	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Sodium [7440-23-5]^	**8.54**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:42	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-07
Sampled: 09/10/18 14:13
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:50	kgonz	U
Chloride [16887-00-6]^	**8.5**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 19:42	RSA	
Nitrate as N [14797-55-8]^	**2.3**		mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 19:42	RSA	
Total Dissolved Solids^	**290**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen	**3.1**		mg/L	1	0	0	8I18036	Field	09/10/18 14:13	CSP	
Oxidation/Reduction Potential	**-22.5**		mV	1	-999	-999	8I18036	Field	09/10/18 14:13	CSP	
pH	**6.63**		pH Units	1			8I18036	Field	09/10/18 14:13	CSP	
Specific Conductance (EC)	**510**		umhos/cm	1	0	0	8I18036	Field	09/10/18 14:13	CSP	
Temperature	**23.69**		°C	1	0	0	8I18036	Field	09/10/18 14:13	CSP	
Turbidity	**0.6**		NTU	1	0	0	8I18036	Field	09/10/18 14:13	CSP	
Water Elevation	**0**		Ft	1			8I18036	Field	09/10/18 14:13	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-08
Sampled: 09/10/18 15:08
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 13:28	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-08
Sampled: 09/10/18 15:08
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 13:28*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 13:28*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 13:28*	*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	8I17001	EPA 8011	09/17/18 17:36	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 17:36	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*118 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 17:36*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:36	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Sodium [7440-23-5]^	**3.78**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Vanadium [7440-62-2]^	**4.06**	I	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:46	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-08
Sampled: 09/10/18 15:08
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:53	kgonz	U
Chloride [16887-00-6]^	**3.7**	I	mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 19:58	RSA	
Nitrate as N [14797-55-8]^	**0.80**	I	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 19:58	RSA	J
Total Dissolved Solids^	**180**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen	**2**		mg/L	1	0	0	8I18036	Field	09/10/18 15:08	CSP	
Oxidation/Reduction Potential	**13.3**		mV	1	-999	-999	8I18036	Field	09/10/18 15:08	CSP	
pH	**7.18**		pH Units	1			8I18036	Field	09/10/18 15:08	CSP	
Specific Conductance (EC)	**301**		umhos/cm	1	0	0	8I18036	Field	09/10/18 15:08	CSP	
Temperature	**24.72**		°C	1	0	0	8I18036	Field	09/10/18 15:08	CSP	
Turbidity	**0.2**		NTU	1	0	0	8I18036	Field	09/10/18 15:08	CSP	
Water Elevation	**0**		Ft	1			8I18036	Field	09/10/18 15:08	CSP	

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AB06164-09 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 15:28 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 13:57	KKW	U

ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AB06164-09 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 15:28 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

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	*51*	*1*	*50.0*	*102 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 13:57*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*95 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 13:57*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 13:57*	*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	8I17001	EPA 8011	09/17/18 17:52	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 17:52	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*119 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 17:52*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:39	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Barium [7440-39-3]^	**99.1**	I	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Chromium [7440-47-3]^	**7.02**	I	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Iron [7439-89-6]^	**331**		ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Nickel [7440-02-0]^	**5.37**	I	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Sodium [7440-23-5]^	**10.1**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:50	JMA	

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ANALYTICAL RESULTS

Description: MW-6 **Lab Sample ID:** AB06164-09 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 15:28 **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** Chris Monaco

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:55	kgonz	U
Chloride [16887-00-6]^	**10**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 20:15	RSA	
Nitrate as N [14797-55-8]^	**20**		mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 20:15	RSA	
Total Dissolved Solids^	**430**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**17.68**		Ft	1			8I18036	Field	09/10/18 15:28	CSP	
Dissolved Oxygen	**1.25**		mg/L	1	0	0	8I18036	Field	09/10/18 15:28	CSP	
Oxidation/Reduction Potential	**102.5**		mV	1	-999	-999	8I18036	Field	09/10/18 15:28	CSP	
pH	**5.07**		pH Units	1			8I18036	Field	09/10/18 15:28	CSP	
Specific Conductance (EC)	**550**		umhos/cm	1	0	0	8I18036	Field	09/10/18 15:28	CSP	
Temperature	**27.02**		°C	1	0	0	8I18036	Field	09/10/18 15:28	CSP	
Turbidity	**14.5**		NTU	1	0	0	8I18036	Field	09/10/18 15:28	CSP	
Water Elevation	**70.97**		Ft	1			8I18036	Field	09/10/18 15:28	CSP	

ANALYTICAL RESULTS

Description: TRIP BLANK 1 **Lab Sample ID:** AB06164-10 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 00:00 **Work Order:** AB06164

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

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	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 14:27	KKW	U

ANALYTICAL RESULTS

Description: TRIP BLANK 1 **Lab Sample ID:** AB06164-10 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/10/18 00:00 **Work Order:** AB06164

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

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	*53*	*1*	*50.0*	*106 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 14:27*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*97 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 14:27*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 14:27*	*KKW*	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-11
Sampled: 09/11/18 09:55
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U
Vinyl chloride [75-01-4]^	**0.85**	I	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	J
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 14:56	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-11
Sampled: 09/11/18 09:55
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 14:56*	*KKW*	
Dibromofluoromethane	*49*	*1*	*50.0*	*99 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 14:56*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 14:56*	*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	8I17001	EPA 8011	09/17/18 18:08	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 18:08	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.29*	*1*	*0.250*	*116 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 18:08*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:42	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Iron [7439-89-6]^	**10800**		ug/L	5	190	250	8I12004	EPA 6020A	09/13/18 13:06	CRG	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Sodium [7440-23-5]^	**13.8**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 12:39	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 12:39	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: AB06164-11
Sampled: 09/11/18 09:55
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	**0.15**		mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:56	kgonz	QM-07
Chloride [16887-00-6]^	**8.6**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 21:21	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 21:21	RSA	U
Total Dissolved Solids^	**280**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**22.14**		Ft	1			8I18036	Field	09/11/18 09:55	CSP	
Dissolved Oxygen	**0.24**		mg/L	1	0	0	8I18036	Field	09/11/18 09:55	CSP	
Oxidation/Reduction Potential	**40.9**		mV	1	-999	-999	8I18036	Field	09/11/18 09:55	CSP	
pH	**5.56**		pH Units	1			8I18036	Field	09/11/18 09:55	CSP	
Specific Conductance (EC)	**443**		umhos/cm	1	0	0	8I18036	Field	09/11/18 09:55	CSP	
Temperature	**26.8**		°C	1	0	0	8I18036	Field	09/11/18 09:55	CSP	
Turbidity	**9**		NTU	1	0	0	8I18036	Field	09/11/18 09:55	CSP	
Water Elevation	**78.58**		Ft	1			8I18036	Field	09/11/18 09:55	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-12
Sampled: 09/11/18 10:37
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 15:25	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-12
Sampled: 09/11/18 10:37
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*54*	*1*	*50.0*	*108 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 15:25*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*97 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 15:25*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 15:25*	*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	8I17001	EPA 8011	09/17/18 18:24	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 18:24	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*121 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 18:24*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:45	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Sodium [7440-23-5]^	**3.83**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Vanadium [7440-62-2]^	**5.85**	I	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 12:42	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-12
Sampled: 09/11/18 10:37
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:58	kgonz	U
Chloride [16887-00-6]^	**4.3**	I	mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 21:38	RSA	
Nitrate as N [14797-55-8]^	**0.81**	I	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 21:38	RSA	J
Total Dissolved Solids^	**180**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**27.89**		Ft	1			8I18036	Field	09/11/18 10:37	CSP	
Dissolved Oxygen	**1.14**		mg/L	1	0	0	8I18036	Field	09/11/18 10:37	CSP	
Oxidation/Reduction Potential	**16.9**		mV	1	-999	-999	8I18036	Field	09/11/18 10:37	CSP	
pH	**7.23**		pH Units	1			8I18036	Field	09/11/18 10:37	CSP	
Specific Conductance (EC)	**308**		umhos/cm	1	0	0	8I18036	Field	09/11/18 10:37	CSP	
Temperature	**25.12**		°C	1	0	0	8I18036	Field	09/11/18 10:37	CSP	
Turbidity	**1.3**		NTU	1	0	0	8I18036	Field	09/11/18 10:37	CSP	
Water Elevation	**75.38**		Ft	1			8I18036	Field	09/11/18 10:37	CSP	

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ANALYTICAL RESULTS

Description: MW-8B | **Lab Sample ID:** AB06164-13 | **Received:** 09/11/18 15:32

Matrix: Ground Water | **Sampled:** 09/11/18 11:10 | **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 15:55	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-13
Sampled: 09/11/18 11:10
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 15:55*	*KKW*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 15:55*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 15:55*	*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	8I17001	EPA 8011	09/17/18 18:40	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 18:40	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*119 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 18:40*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 08:48	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Barium [7440-39-3]^	**56.6**	I	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Iron [7439-89-6]^	**4960**		ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Nickel [7440-02-0]^	**4.53**	I	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Sodium [7440-23-5]^	**11.4**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 12:46	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 12:46	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: AB06164-13
Sampled: 09/11/18 11:10
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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]^	**1.1**		mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 11:59	kgonz	
Chloride [16887-00-6]^	**13**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 21:54	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 21:54	RSA	U
Total Dissolved Solids^	**370**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**33.06**		Ft	1			8I18036	Field	09/11/18 11:10	CSP	
Dissolved Oxygen	**0.09**		mg/L	1	0	0	8I18036	Field	09/11/18 11:10	CSP	
Oxidation/Reduction Potential	**-115.4**		mV	1	-999	-999	8I18036	Field	09/11/18 11:10	CSP	
pH	**6.5**		pH Units	1			8I18036	Field	09/11/18 11:10	CSP	
Specific Conductance (EC)	**647**		umhos/cm	1	0	0	8I18036	Field	09/11/18 11:10	CSP	
Temperature	**27.15**		°C	1	0	0	8I18036	Field	09/11/18 11:10	CSP	
Turbidity	**2**		NTU	1	0	0	8I18036	Field	09/11/18 11:10	CSP	
Water Elevation	**68.49**		Ft	1			8I18036	Field	09/11/18 11:10	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-14
Sampled: 09/11/18 11:42
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 16:24	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-14
Sampled: 09/11/18 11:42
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 16:24*	*KKW*	
Dibromofluoromethane	*50*	*1*	*50.0*	*99 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 16:24*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*105 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 16:24*	*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	8I17001	EPA 8011	09/17/18 18:56	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 18:56	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*120 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 18:56*	*JJB*	

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]^	**0.137**	I	ug/L	1	0.0230	0.200	8I12023	EPA 7470A	09/13/18 08:51	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Iron [7439-89-6]^	**743**		ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Sodium [7440-23-5]^	**9.25**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 12:50	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 12:50	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: AB06164-14
Sampled: 09/11/18 11:42
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 12:00	kgonz	U
Chloride [16887-00-6]^	**7.1**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 22:11	RSA	
Nitrate as N [14797-55-8]^	**1.8**		mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 22:11	RSA	
Total Dissolved Solids^	**320**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**34.14**		Ft	1			8I18036	Field	09/11/18 11:42	CSP	
Dissolved Oxygen	**0.94**		mg/L	1	0	0	8I18036	Field	09/11/18 11:42	CSP	
Oxidation/Reduction Potential	**-119.4**		mV	1	-999	-999	8I18036	Field	09/11/18 11:42	CSP	
pH	**6.58**		pH Units	1			8I18036	Field	09/11/18 11:42	CSP	
Specific Conductance (EC)	**558**		umhos/cm	1	0	0	8I18036	Field	09/11/18 11:42	CSP	
Temperature	**26.74**		°C	1	0	0	8I18036	Field	09/11/18 11:42	CSP	
Turbidity	**1.9**		NTU	1	0	0	8I18036	Field	09/11/18 11:42	CSP	
Water Elevation	**75.61**		Ft	1			8I18036	Field	09/11/18 11:42	CSP	

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ANALYTICAL RESULTS

Description: MW-10B | **Lab Sample ID:** AB06164-15 | **Received:** 09/11/18 15:32

Matrix: Ground Water | **Sampled:** 09/11/18 12:45 | **Work Order:** AB06164

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 16:53	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-15
Sampled: 09/11/18 12:45
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*54*	*1*	*50.0*	*107 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 16:53*	*KKW*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 16:53*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 16:53*	*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	8I17001	EPA 8011	09/17/18 19:12	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 19:12	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*119 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 19:12*	*JJB*	

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]^	**0.103**	I	ug/L	1	0.0230	0.200	8I12023	EPA 7470A	09/13/18 08:54	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Sodium [7440-23-5]^	**6.12**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 12:54	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 12:54	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: AB06164-15
Sampled: 09/11/18 12:45
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 12:02	kgonz	U
Chloride [16887-00-6]^	**6.3**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 22:27	RSA	
Nitrate as N [14797-55-8]^	**1.3**		mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 22:27	RSA	
Total Dissolved Solids^	**230**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**34.38**		Ft	1			8I18036	Field	09/11/18 12:45	CSP	
Dissolved Oxygen	**0.25**		mg/L	1	0	0	8I18036	Field	09/11/18 12:45	CSP	
Oxidation/Reduction Potential	**11.1**		mV	1	-999	-999	8I18036	Field	09/11/18 12:45	CSP	
pH	**6**		pH Units	1			8I18036	Field	09/11/18 12:45	CSP	
Specific Conductance (EC)	**359**		umhos/cm	1	0	0	8I18036	Field	09/11/18 12:45	CSP	
Temperature	**26.06**		°C	1	0	0	8I18036	Field	09/11/18 12:45	CSP	
Turbidity	**0.2**		NTU	1	0	0	8I18036	Field	09/11/18 12:45	CSP	
Water Elevation	**75.62**		Ft	1			8I18036	Field	09/11/18 12:45	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-16
Sampled: 09/11/18 13:34
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I13014	EPA 8260B	09/13/18 17:23	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-16
Sampled: 09/11/18 13:34
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	*53*	*1*	*50.0*	*106 %*	*41-142*	*8I13014*	*EPA 8260B*	*09/13/18 17:23*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*53-146*	*8I13014*	*EPA 8260B*	*09/13/18 17:23*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*41-146*	*8I13014*	*EPA 8260B*	*09/13/18 17:23*	*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	8I17001	EPA 8011	09/17/18 19:44	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 19:44	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*120 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 19:44*	*JJB*	

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]^	**0.0265**	I	ug/L	1	0.0230	0.200	8I12023	EPA 7470A	09/13/18 08:57	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Sodium [7440-23-5]^	**8.15**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 12:57	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 12:57	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: AB06164-16
Sampled: 09/11/18 13:34
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 12:03	kgonz	U
Chloride [16887-00-6]^	**9.7**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 22:44	RSA	
Nitrate as N [14797-55-8]^	**0.27**	I	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 22:44	RSA	J
Total Dissolved Solids^	**340**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**77.4**		Ft	1			8I18036	Field	09/11/18 13:34	CSP	
Dissolved Oxygen	**0.75**		mg/L	1	0	0	8I18036	Field	09/11/18 13:34	CSP	
Oxidation/Reduction Potential	**-12.1**		mV	1	-999	-999	8I18036	Field	09/11/18 13:34	CSP	
pH	**6.68**		pH Units	1			8I18036	Field	09/11/18 13:34	CSP	
Specific Conductance (EC)	**576**		umhos/cm	1	0	0	8I18036	Field	09/11/18 13:34	CSP	
Temperature	**25.62**		°C	1	0	0	8I18036	Field	09/11/18 13:34	CSP	
Turbidity	**0.9**		NTU	1	0	0	8I18036	Field	09/11/18 13:34	CSP	
Water Elevation	**68.38**		Ft	1			8I18036	Field	09/11/18 13:34	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-17
Sampled: 09/11/18 13:34
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	QL-02, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I12034	EPA 8260B	09/13/18 01:52	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-17
Sampled: 09/11/18 13:34
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I12034	EPA 8260B	09/13/18 01:52	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I12034*	*EPA 8260B*	*09/13/18 01:52*	*KKW*	
Dibromofluoromethane	*46*	*1*	*50.0*	*93 %*	*53-146*	*8I12034*	*EPA 8260B*	*09/13/18 01:52*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*41-146*	*8I12034*	*EPA 8260B*	*09/13/18 01:52*	*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	8I17001	EPA 8011	09/17/18 19:59	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 19:59	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*119 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 19:59*	*JJB*	

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]^	**0.0239**	I	ug/L	1	0.0230	0.200	8I12023	EPA 7470A	09/13/18 09:01	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Sodium [7440-23-5]^	**7.98**		mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 13:01	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-17
Sampled: 09/11/18 13:34
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 12:04	kgonz	U
Chloride [16887-00-6]^	**9.7**		mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 23:01	RSA	
Nitrate as N [14797-55-8]^	**0.27**	I	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 23:01	RSA	J
Total Dissolved Solids^	**350**		mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-18
Sampled: 09/11/18 13:45
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

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	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	QL-02, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK
Lab Sample ID: AB06164-18
Received: 09/11/18 15:32
Matrix: Water
Sampled: 09/11/18 13:45
Work Order: AB06164
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I12034	EPA 8260B	09/13/18 02:22	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I12034*	*EPA 8260B*	*09/13/18 02:22*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*53-146*	*8I12034*	*EPA 8260B*	*09/13/18 02:22*	*KKW*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*41-146*	*8I12034*	*EPA 8260B*	*09/13/18 02:22*	*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	8I17001	EPA 8011	09/17/18 20:15	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 20:15	JJB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*121 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 20:15*	*JJB*	

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	8I12023	EPA 7470A	09/13/18 09:13	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Sodium [7440-23-5]^	0.320	U	mg/L	1	0.320	1.00	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I12004	EPA 6020A	09/13/18 11:01	JMA	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06164-18
Sampled: 09/11/18 13:45
Sampled By: Chris Monaco

Received: 09/11/18 15:32
Work Order: AB06164

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I12011	EPA 350.1	09/12/18 12:07	kgonz	U
Chloride [16887-00-6]^	0.29	U	mg/L	1	0.29	5.0	8I11015	EPA 300.0	09/11/18 21:05	RSA	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	8I11015	EPA 300.0	09/11/18 21:05	RSA	U
Total Dissolved Solids^	10	U	mg/L	1	10	10	8I11037	SM 2540C-2011	09/13/18 22:30	AH	

ANALYTICAL RESULTS

Description: TRIP BLANK 2 **Lab Sample ID:** AB06164-19 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/11/18 00:00 **Work Order:** AB06164

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

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	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	QL-02, U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I12034	EPA 8260B	09/13/18 02:51	KKW	U

ANALYTICAL RESULTS

Description: TRIP BLANK 2 **Lab Sample ID:** AB06164-19 **Received:** 09/11/18 15:32

Matrix: Ground Water **Sampled:** 09/11/18 00:00 **Work Order:** AB06164

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

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	8I12034	EPA 8260B	09/13/18 02:51	KKW	U

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*41-142*	*8I12034*	*EPA 8260B*	*09/13/18 02:51*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*53-146*	*8I12034*	*EPA 8260B*	*09/13/18 02:51*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*103 %*	*41-146*	*8I12034*	*EPA 8260B*	*09/13/18 02:51*	*KKW*	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I12034 - EPA 5030B_MS

Blank (8I12034-BLK1) Prepared: 09/12/2018 13:49 Analyzed: 09/13/2018 01:23

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	*53*			*ug/L*	*50.0*		*107*	*41-142*			
Dibromofluoromethane	*46*			*ug/L*	*50.0*		*93*	*53-146*			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I12034 - EPA 5030B_MS - Continued

Blank (8I12034-BLK1) Continued Prepared: 09/12/2018 13:49 Analyzed: 09/13/2018 01:23

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 (8I12034-BS1) Prepared: 09/12/2018 13:49 Analyzed: 09/12/2018 22:57

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0		82	47-139			
Benzene	19		1.0	ug/L	20.0		95	56-136			
Chlorobenzene	23		1.0	ug/L	20.0		115	51-139			
Toluene	22		1.0	ug/L	20.0		108	64-131			
Trichloroethene	21		1.0	ug/L	20.0		104	62-135			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*103*	*41-142*			
Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*105*	*41-146*			

Matrix Spike (8I12034-MS1) Prepared: 09/12/2018 13:49 Analyzed: 09/12/2018 23:26

Source: AB06164-17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.94 U	90	47-139			
Benzene	19		1.0	ug/L	20.0	0.71 U	97	56-136			
Chlorobenzene	23		1.0	ug/L	20.0	0.72 U	117	51-139			
Toluene	22		1.0	ug/L	20.0	0.72 U	110	64-131			
Trichloroethene	21		1.0	ug/L	20.0	0.89 U	106	62-135			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*105*	*41-142*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*41-146*			

Matrix Spike Dup (8I12034-MSD1) Prepared: 09/12/2018 13:49 Analyzed: 09/12/2018 23:55

Source: AB06164-17

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.94 U	88	47-139	2	16	
Benzene	19		1.0	ug/L	20.0	0.71 U	95	56-136	3	14	
Chlorobenzene	23		1.0	ug/L	20.0	0.72 U	113	51-139	4	13	
Toluene	21		1.0	ug/L	20.0	0.72 U	107	64-131	3	16	
Trichloroethene	20		1.0	ug/L	20.0	0.89 U	101	62-135	5	20	
4-Bromofluorobenzene	*51*			*ug/L*	*50.0*		*101*	*41-142*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Batch 8I13009 - EPA 5030B_MS

Blank (8I13009-BLK1) Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 10:30

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							U

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I13009 - EPA 5030B_MS - Continued

Blank (8I13009-BLK1) Continued Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 10:30

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	*55*			*ug/L*	*50.0*		*109*	*41-142*			
Dibromofluoromethane	*59*			*ug/L*	*50.0*		*117*	*53-146*			
Toluene-d8	*49*			*ug/L*	*50.0*		*97*	*41-146*			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I13009 - EPA 5030B_MS - Continued

LCS (8I13009-BS1) Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 09:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	17		1.0	ug/L	20.0		86	47-139			
Benzene	18		1.0	ug/L	20.0		92	56-136			
Chlorobenzene	21		1.0	ug/L	20.0		104	51-139			
Toluene	22		1.0	ug/L	20.0		108	64-131			
Trichloroethene	22		1.0	ug/L	20.0		109	62-135			
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*106*	*41-142*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*106*	*53-146*			
Toluene-d8	*48*			*ug/L*	*50.0*		*95*	*41-146*			

Matrix Spike (8I13009-MS1) Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 12:02

Source: AB06164-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.94 U	110	47-139			
Benzene	23		1.0	ug/L	20.0	0.71 U	113	56-136			
Chlorobenzene	23		1.0	ug/L	20.0	0.72 U	116	51-139			
Toluene	21		1.0	ug/L	20.0	0.72 U	104	64-131			QM-11
Trichloroethene	25		1.0	ug/L	20.0	0.89 U	125	62-135			
4-Bromofluorobenzene	*56*			*ug/L*	*50.0*		*112*	*41-142*			
Dibromofluoromethane	*54*			*ug/L*	*50.0*		*108*	*53-146*			
Toluene-d8	*45*			*ug/L*	*50.0*		*90*	*41-146*			

Matrix Spike Dup (8I13009-MSD1) Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 12:31

Source: AB06164-01

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	2	16	
Benzene	21		1.0	ug/L	20.0	0.71 U	103	56-136	9	14	
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	108	51-139	7	13	
Toluene	26		1.0	ug/L	20.0	0.72 U	128	64-131	20	16	QM-11
Trichloroethene	26		1.0	ug/L	20.0	0.89 U	129	62-135	3	20	
4-Bromofluorobenzene	*56*			*ug/L*	*50.0*		*113*	*41-142*			
Dibromofluoromethane	*56*			*ug/L*	*50.0*		*113*	*53-146*			
Toluene-d8	*56*			*ug/L*	*50.0*		*112*	*41-146*			

Batch 8I13014 - EPA 5030B_MS

Blank (8I13014-BLK1) Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 10:31

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

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I13014 - EPA 5030B_MS - Continued

Blank (8I13014-BLK1) Continued Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 10:31

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	*53*			*ug/L*	*50.0*		*107*	*41-142*			
Dibromofluoromethane	*49*			*ug/L*	*50.0*		*97*	*53-146*			
Toluene-d8	*50*			*ug/L*	*50.0*		*101*	*41-146*			

LCS (8I13014-BS1) Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 09:32

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0		78	47-139			
Benzene	17		1.0	ug/L	20.0		86	56-136			
Chlorobenzene	21		1.0	ug/L	20.0		106	51-139			
Toluene	20		1.0	ug/L	20.0		102	64-131			
Trichloroethene	20		1.0	ug/L	20.0		98	62-135			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I13014 - EPA 5030B_MS - Continued

LCS (8I13014-BS1) Continued Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 09:32

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*105*	*41-142*			
Dibromofluoromethane	*48*			*ug/L*	*50.0*		*96*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Matrix Spike (8I13014-MS1) Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 18:51

Source: AB06164-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0	0.94 U	82	47-139			
Benzene	19		1.0	ug/L	20.0	0.71 U	94	56-136			
Chlorobenzene	24		1.0	ug/L	20.0	0.72 U	118	51-139			
Toluene	22		1.0	ug/L	20.0	0.72 U	109	64-131			
Trichloroethene	21		1.0	ug/L	20.0	0.89 U	106	62-135			
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*106*	*41-142*			
Dibromofluoromethane	*49*			*ug/L*	*50.0*		*98*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*105*	*41-146*			

Matrix Spike Dup (8I13014-MSD1) Prepared: 09/13/2018 00:00 Analyzed: 09/13/2018 19:21

Source: AB06164-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0	0.94 U	80	47-139	1	16	
Benzene	18		1.0	ug/L	20.0	0.71 U	92	56-136	2	14	
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	112	51-139	5	13	
Toluene	21		1.0	ug/L	20.0	0.72 U	104	64-131	4	16	
Trichloroethene	21		1.0	ug/L	20.0	0.89 U	106	62-135	0.5	20	
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*104*	*41-142*			
Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*105*	*41-146*			

Semivolatile Organic Compounds by GC - Quality Control

Batch 8I17001 - EPA 504/8011

Blank (8I17001-BLK1) Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:07

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	*0.29*			*ug/L*	*0.250*		*117*	*70-130*			

LCS (8I17001-BS1) Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:23

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.22		0.020	ug/L	0.250		86	61-139			
1,2-Dibromoethane	0.22		0.020	ug/L	0.250		86	65-133			
1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*120*	*70-130*			

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 8I17001 - EPA 504/8011 - Continued

Matrix Spike (8I17001-MS1) Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:39

Source: AB06535-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.23		0.020	ug/L	0.250	0.012 U	91	61-139			
1,2-Dibromoethane	0.24		0.020	ug/L	0.250	0.004 U	97	65-133			
1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*118*	*70-130*			

Matrix Spike Dup (8I17001-MSD1) Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:55

Source: AB06535-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.21		0.020	ug/L	0.250	0.012 U	82	61-139	10	12	
1,2-Dibromoethane	0.24		0.020	ug/L	0.250	0.004 U	95	65-133	2	17	
1,1,1,2-Tetrachloroethane	*0.29*			*ug/L*	*0.250*		*117*	*70-130*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8I12023 - EPA 7470A

Blank (8I12023-BLK1) Prepared: 09/12/2018 12:30 Analyzed: 09/13/2018 07:55

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 (8I12023-BS1) Prepared: 09/12/2018 12:30 Analyzed: 09/13/2018 07:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.37		0.200	ug/L	5.00		107	80-120			

Matrix Spike (8I12023-MS1) Prepared: 09/12/2018 12:30 Analyzed: 09/13/2018 08:05

Source: AB06164-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.34		0.200	ug/L	5.00	0.0230 U	107	75-125			

Matrix Spike Dup (8I12023-MSD1) Prepared: 09/12/2018 12:30 Analyzed: 09/13/2018 08:08

Source: AB06164-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.36		0.200	ug/L	5.00	0.0230 U	107	75-125	0.3	20	

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

Batch 8I12004 - EPA 3005A

Blank (8I12004-BLK1) Prepared: 09/12/2018 10:45 Analyzed: 09/13/2018 10:31

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	6.10	U	10.0	ug/L							
Barium	20.0	U	100	ug/L							
Beryllium	0.940	U	1.00	ug/L							
Cadmium	0.900	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							

QUALITY CONTROL DATA

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

Batch 8I12004 - EPA 3005A - Continued

Blank (8I12004-BLK1) Continued Prepared: 09/12/2018 10:45 Analyzed: 09/13/2018 10:31

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cobalt	2.10	U	10.0	ug/L							
Copper	2.20	U	10.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Lead	1.60	U	5.00	ug/L							
Nickel	3.20	U	10.0	ug/L							
Selenium	6.50	U	10.0	ug/L							
Silver	0.290	U	1.00	ug/L							
Sodium	0.320	U	1.00	mg/L							
Thallium	0.580	U	1.00	ug/L							
Vanadium	2.00	U	10.0	ug/L							
Zinc	16.0	U	50.0	ug/L							

LCS (8I12004-BS1) Prepared: 09/12/2018 10:45 Analyzed: 09/13/2018 10:34

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	47.3		5.00	ug/L	50.0		95	80-120			
Arsenic	502		10.0	ug/L	500		100	80-120			
Barium	493		100	ug/L	500		99	80-120			
Beryllium	45.7		1.00	ug/L	50.0		91	80-120			
Cadmium	46.2		3.00	ug/L	50.0		92	80-120			
Chromium	501		10.0	ug/L	500		100	80-120			
Cobalt	502		10.0	ug/L	500		100	80-120			
Copper	493		10.0	ug/L	500		99	80-120			
Iron	1050		50.0	ug/L	1000		105	80-120			
Lead	484		5.00	ug/L	500		97	80-120			
Nickel	504		10.0	ug/L	500		101	80-120			
Selenium	461		10.0	ug/L	500		92	80-120			
Silver	51.0		1.00	ug/L	50.0		102	80-120			
Sodium	27.6		1.00	mg/L	25.0		110	80-120			
Thallium	50.1		1.00	ug/L	50.0		100	80-120			
Vanadium	507		10.0	ug/L	500		101	80-120			
Zinc	448		50.0	ug/L	500		90	80-120			

Matrix Spike (8I12004-MS1) Prepared: 09/12/2018 10:45 Analyzed: 09/13/2018 10:42

Source: AB06164-01

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	2.50 U	94	75-125			
Arsenic	482		10.0	ug/L	500	6.10 U	96	75-125			
Barium	496		100	ug/L	500	20.0 U	99	75-125			
Beryllium	47.2		1.00	ug/L	50.0	0.940 U	94	75-125			
Cadmium	47.0		3.00	ug/L	50.0	0.900 U	94	75-125			
Chromium	522		10.0	ug/L	500	4.50 U	104	75-125			
Cobalt	511		10.0	ug/L	500	2.10 U	102	75-125			
Copper	502		10.0	ug/L	500	2.20 U	100	75-125			
Iron	1030		50.0	ug/L	1000	38.0 U	103	75-125			
Lead	480		5.00	ug/L	500	1.60 U	96	75-125			
Nickel	515		10.0	ug/L	500	3.20 U	103	75-125			
Selenium	443		10.0	ug/L	500	6.50 U	89	75-125			
Silver	50.6		1.00	ug/L	50.0	0.290 U	101	75-125			

QUALITY CONTROL DATA

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

Batch 8I12004 - EPA 3005A - Continued

Matrix Spike (8I12004-MS1) Continued Prepared: 09/12/2018 10:45 Analyzed: 09/13/2018 10:42

Source: AB06164-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	32.2		1.00	mg/L	25.0	4.11	112	75-125			
Thallium	50.2		1.00	ug/L	50.0	0.580 U	100	75-125			
Vanadium	495		10.0	ug/L	500	2.02	99	75-125			
Zinc	450		50.0	ug/L	500	16.0 U	90	75-125			

Matrix Spike Dup (8I12004-MSD1) Prepared: 09/12/2018 10:45 Analyzed: 09/13/2018 10:46

Source: AB06164-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	47.0		5.00	ug/L	50.0	2.50 U	94	75-125	0.4	20	
Arsenic	422		10.0	ug/L	500	6.10 U	84	75-125	13	20	
Barium	449		100	ug/L	500	20.0 U	90	75-125	10	20	
Beryllium	42.4		1.00	ug/L	50.0	0.940 U	85	75-125	11	20	
Cadmium	42.4		3.00	ug/L	50.0	0.900 U	85	75-125	10	20	
Chromium	462		10.0	ug/L	500	4.50 U	92	75-125	12	20	
Cobalt	454		10.0	ug/L	500	2.10 U	91	75-125	12	20	
Copper	453		10.0	ug/L	500	2.20 U	91	75-125	10	20	
Iron	927		50.0	ug/L	1000	38.0 U	93	75-125	10	20	
Lead	432		5.00	ug/L	500	1.60 U	86	75-125	11	20	
Nickel	452		10.0	ug/L	500	3.20 U	90	75-125	13	20	
Selenium	399		10.0	ug/L	500	6.50 U	80	75-125	10	20	
Silver	51.8		1.00	ug/L	50.0	0.290 U	104	75-125	2	20	
Sodium	29.5		1.00	mg/L	25.0	4.11	102	75-125	9	20	
Thallium	43.8		1.00	ug/L	50.0	0.580 U	88	75-125	14	20	
Vanadium	474		10.0	ug/L	500	2.02	94	75-125	4	20	
Zinc	406		50.0	ug/L	500	16.0 U	81	75-125	10	20	

Classical Chemistry Parameters - Quality Control

Batch 8I11015 - NO PREP

Blank (8I11015-BLK1) Prepared: 09/11/2018 11:11 Analyzed: 09/11/2018 13:43

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 (8I11015-BS1) Prepared: 09/11/2018 11:11 Analyzed: 09/11/2018 13:59

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	53		5.0	mg/L	50.0		106	90-110			
Nitrate as N	27		1.0	mg/L	25.0		107	90-110			

Matrix Spike (8I11015-MS1) Prepared: 09/11/2018 11:11 Analyzed: 09/11/2018 14:16

Source: AB06431-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	100	L	5.0	mg/L	50.0	53	96	90-110			E
Nitrate as N	26		1.0	mg/L	25.0	0.26	102	90-110			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8I11015 - NO PREP - Continued

Matrix Spike (8I11015-MS2) Prepared: 09/11/2018 11:11 Analyzed: 09/11/2018 15:55

Source: AB06089-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	68		5.0	mg/L	50.0	15	105	90-110			
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	102	90-110			

Matrix Spike Dup (8I11015-MSD1) Prepared: 09/11/2018 11:11 Analyzed: 09/11/2018 14:32

Source: AB06431-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	100	L	5.0	mg/L	50.0	53	96	90-110	0.2	10	E
Nitrate as N	26		1.0	mg/L	25.0	0.26	101	90-110	0.8	10	

Matrix Spike Dup (8I11015-MSD2) Prepared: 09/11/2018 11:11 Analyzed: 09/11/2018 16:12

Source: AB06089-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	67		5.0	mg/L	50.0	15	104	90-110	0.4	10	
Nitrate as N	25		1.0	mg/L	25.0	0.052 U	101	90-110	0.8	10	

Batch 8I11037 - NO PREP

Blank (8I11037-BLK1) Prepared: 09/11/2018 20:52 Analyzed: 09/13/2018 22:30

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 (8I11037-BS1) Prepared: 09/11/2018 20:52 Analyzed: 09/13/2018 22:30

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	960		10	mg/L	1000		96	90-110			

Duplicate (8I11037-DUP1) Prepared: 09/11/2018 20:52 Analyzed: 09/13/2018 22:30

Source: AB06164-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	180		10	mg/L		170			3	20	

Batch 8I12011 - NO PREP

Blank (8I12011-BLK1) Prepared: 09/12/2018 08:48 Analyzed: 09/12/2018 11:36

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

LCS (8I12011-BS1) Prepared: 09/12/2018 08:48 Analyzed: 09/12/2018 11:39

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.96		0.020	mg/L	1.00		96	90-110			

Matrix Spike (8I12011-MS1) Prepared: 09/12/2018 08:48 Analyzed: 09/12/2018 11:42

Source: AB06164-01

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

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8I12011 - NO PREP - Continued

Matrix Spike (8I12011-MS1) Continued Prepared: 09/12/2018 08:48 Analyzed: 09/12/2018 11:42

Source: AB06164-01

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	0.0073 U	92	90-110			

Matrix Spike (8I12011-MS2) Prepared: 09/12/2018 08:48 Analyzed: 09/12/2018 11:57

Source: AB06164-11

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	0.15	85	90-110			QM-07

Matrix Spike Dup (8I12011-MSD1) Prepared: 09/12/2018 08:48 Analyzed: 09/12/2018 11:43

Source: AB06164-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.91		0.020	mg/L	1.00	0.0073 U	91	90-110	0.5	10	

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit. The PQL presented is the laboratory MRL.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QM-19	The spike recovery was outside acceptance limits for the MS and/or MSD.

ENVIRONMENTAL CONSERVATION LABORATORIES — CHAIN-OF-CUSTODY RECORD

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

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

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

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

Requested Analyses

8011	8260B Appendix 1 FL	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Na,Ni,Hg,Pb,Sb,Se,Tl,V,Zn	Ammonia 350.1	TDS SM2540C	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: AB06164

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary)										Sample Comments
							I	H	N	S	I						
	MW-4B	9-10-18	1007	Grab	GW	8	2	3	1	1	1						
	MW-4	9-10-18	1030	Grab	GW	8	2	3	1	1	1						
	MW-5BR	9-10-18	1114	Grab	GW	8	2	3	1	1	1						
	MW-5AR	9-10-18	1216	Grab	GW	8	2	3	1	1	1						
	MW-3B	9-10-18	1323	Grab	GW	8	2	3	1	1	1						
	MW-3	9-10-18	1345	Grab	GW	8	2	3	1	1	1						
	MW-17B	9-10-18	1413	Grab	GW	8	2	3	1	1	1						
	MW-6B	9-10-18	1508	~~1508~~ Grab	GW	8	2	3	1	1	1						
	MW-6	9-10-18	1528	Grab	GW	8	2	3	1	1	1						
	tripblank1	—	—	Grab	O	2	—	2	-	-	-						Lab Supplied
	MW-7A	9-11-18	0955	Grab	GW	8	2	3	1	1	1						
	MW-7BR	9-11-18	1037	Grab	GW	8	2	3	1	1	1						

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 8/30/18 11:50	Relinquished By:	Date/Time: 8/30/18 11:50	Received By: Karen LeBeau	Date/Time: 9-4-18 1313
Comments/Special Reporting Requirements		Relinquished By: Karen LeBeau	Date/Time: 9-11-18 1347	Received By:	Date/Time: 9-11-18 1347
		Relinquished By:	Date/Time: 9-11-18 1520	Received By: Rosa Maral	Date/Time: 9/11/18 15:20
		Cooler #'s & Temps on Receipt: Lg-473 0.1° JX-80 0.7°		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

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

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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
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Cary, NC 27511
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Client Name: Angelo's Recycled Materials (AN010)	Project Number: 87895
Address: 41111 Enterprise Road	Project Name/Desc: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)
City/ST/Zip: Dade City, FL 33525	PO # / Billing Info:
Tel: (352) 521-3607 / Fax:	Reporting Contact: Walker Wrenn
Sampler(s) Name, Affiliation (Print): Chris Monaco, Karen LeBeau / Ideal Tech Services Inc.	Billing Contact: John Arnold
Sampler(s) Signature: Karen LeBeau	Site Location / Time Zone: FL/EST

Requested Analyses

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

Preservation (See Codes) (Combine as necessary)

I	H	N	S	I							

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AB06164

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	I	H	N	S	I	Sample Comments
	MW-8B	9-11-18	1110	Grab	GW	8	2	3	1	1	1	
	MW-9B	9-11-18	1142	Grab	GW	8	2	3	1	1	1	
	MW-10B	9-11-18	1245	Grab	GW	8	2	3	1	1	1	
	MW-18B	9-11-18	1334	Grab	GW	8	2	3	1	1	1	
	Duplicate	9-11-18	1334	Grab	GW	8	2	3	1	1	1	
	Equipment Blank	9/11/18	1345	Grab	O	8	2	3	1	1	1	ITS DI water
	Trip Blank 2	-	-	Grab	O	2	-	2	-	-	-	Lab DI water

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 8/30/18 11:50	Relinquished By:	Date/Time: 8/30/18 11:50	Received By: Karen LeBeau	Date/Time: 9-4-18 1313
Comments/Special Reporting Requirements		Relinquished By: Karen LeBeau	Date/Time: 9-11-18 1347	Received By:	Date/Time: 9-11-18 1347
		Relinquished By:	Date/Time: 9-11-18 1520	Received By: Rosa Maval	Date/Time: 9/11/18 15:20
		Cooler #'s & Temps on Receipt: Lg-473 0.1° Jx-80 0.7°		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)

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

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

Friday, September 21, 2018
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): AB06491

Dear Walker Wrenn,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, September 12, 2018.

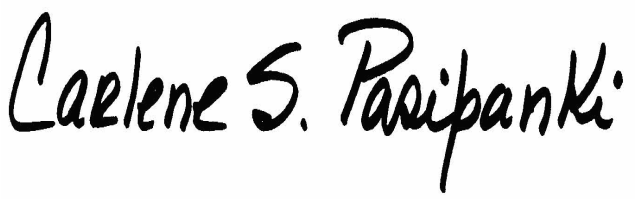
Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

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

Project Manager

Enclosure(s)

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-19A **Lab ID: AB06491-01** **Sampled: 09/11/18 14:37** **Received: 09/12/18 15:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/13/18	14:37			09/12/18	13:41	09/12/18 19:48
EPA 300.0	NA	10/09/18				09/12/18	13:41	09/12/18 19:48
EPA 350.1	NO PREP	10/09/18				09/17/18	11:37	09/17/18 12:26
EPA 6020A	EPA 3005A	03/10/19				09/13/18	09:05	09/13/18 13:46
EPA 7470A	EPA 7470A	10/09/18				09/13/18	14:50	09/14/18 08:03
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18 20:31
EPA 8260B	EPA 5030B_MS	09/25/18				09/14/18	00:00	09/14/18 11:18
Field	NO PREP	09/11/18	14:51			09/11/18	14:37	09/11/18 14:37
Field	NO PREP	09/12/18	14:37	09/12/18	14:37	09/11/18	14:37	09/11/18 14:37
Field	NO PREP	09/13/18	14:37			09/11/18	14:37	09/11/18 14:37
SM 2540C-2011	NO PREP	09/18/18				09/14/18	16:30	09/17/18 22:10

Client ID: MW-20B **Lab ID: AB06491-02** **Sampled: 09/11/18 15:29** **Received: 09/12/18 15:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/13/18	15:29			09/12/18	13:41	09/12/18 20:06
EPA 300.0	NA	10/09/18				09/12/18	13:41	09/12/18 20:06
EPA 350.1	NO PREP	10/09/18				09/17/18	11:37	09/17/18 12:30
EPA 6020A	EPA 3005A	03/10/19				09/13/18	09:05	09/13/18 14:05
EPA 7470A	EPA 7470A	10/09/18				09/13/18	14:50	09/14/18 08:07
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18 20:47
EPA 8260B	EPA 5030B_MS	09/25/18				09/14/18	00:00	09/14/18 11:47
Field	NO PREP	09/11/18	15:43			09/11/18	15:29	09/11/18 15:29
Field	NO PREP	09/12/18	15:29	09/12/18	15:29	09/11/18	15:29	09/11/18 15:29
Field	NO PREP	09/13/18	15:29			09/11/18	15:29	09/11/18 15:29
SM 2540C-2011	NO PREP	09/18/18				09/14/18	16:30	09/17/18 22:10

Client ID: Supply Well **Lab ID: AB06491-03** **Sampled: 09/11/18 15:54** **Received: 09/12/18 15:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/13/18	15:54			09/12/18	13:41	09/12/18 20:24
EPA 300.0	NA	10/09/18				09/12/18	13:41	09/12/18 20:24
EPA 350.1	NO PREP	10/09/18				09/17/18	11:37	09/17/18 12:31
EPA 6020A	EPA 3005A	03/10/19				09/13/18	09:05	09/13/18 14:33
EPA 7470A	EPA 7470A	10/09/18				09/13/18	14:50	09/14/18 08:10
EPA 8011	EPA 504/8011	09/25/18				09/17/18	08:15	09/17/18 22:54
EPA 8260B	EPA 5030B_MS	09/25/18				09/14/18	00:00	09/14/18 12:16
Field	NO PREP	09/11/18	16:08			09/11/18	15:54	09/11/18 15:54
Field	NO PREP	09/12/18	15:54	09/12/18	15:54	09/11/18	15:54	09/11/18 15:54
Field	NO PREP	09/13/18	15:54			09/11/18	15:54	09/11/18 15:54
SM 2540C-2011	NO PREP	09/18/18				09/14/18	16:30	09/17/18 22:10

Client ID: BW-1B **Lab ID: AB06491-04** **Sampled: 09/12/18 10:55** **Received: 09/12/18 15:35**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	09/14/18	10:55			09/12/18	13:41	09/12/18 20:41
EPA 300.0	NA	10/10/18				09/12/18	13:41	09/12/18 20:41
EPA 350.1	NO PREP	10/10/18				09/17/18	11:37	09/17/18 12:32
EPA 6020A	EPA 3005A	03/11/19				09/13/18	09:05	09/13/18 14:37
EPA 7470A	EPA 7470A	10/10/18				09/13/18	14:50	09/14/18 08:19
EPA 8011	EPA 504/8011	09/26/18				09/17/18	08:15	09/17/18 23:10
EPA 8260B	EPA 5030B_MS	09/26/18				09/14/18	00:00	09/14/18 12:45
Field	NO PREP	09/12/18	11:09			09/12/18	10:55	09/12/18 10:55
Field	NO PREP	09/13/18	10:55	09/13/18	10:55	09/12/18	10:55	09/12/18 10:55
Field	NO PREP	09/14/18	10:55			09/12/18	10:55	09/12/18 10:55
SM 2540C-2011	NO PREP	09/19/18				09/14/18	16:30	09/17/18 22:10

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: TRIP BLANK 3 **Lab ID: AB06491-05** **Sampled: 09/11/18 00:00** **Received: 09/12/18 15:35**

Parameter	Preparation	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	EPA 5030B_MS	09/25/18	09/14/18 00:00	09/14/18 17:32

SAMPLE DETECTION SUMMARY

Client ID: MW-19A **Lab ID: AB06491-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Cadmium - Total	1.40	I	0.900	3.00	ug/L	EPA 6020A	
Chloride	69		0.29	5.0	mg/L	EPA 300.0	
Cobalt - Total	4.39	I	2.10	10.0	ug/L	EPA 6020A	
Depth to Water	57.87				Ft	Field	
Dissolved Oxygen	4.12		0	0	mg/L	Field	
Iron - Total	162		38.0	50.0	ug/L	EPA 6020A	
Mercury - Total	0.0296	I	0.0230	0.200	ug/L	EPA 7470A	
Nickel - Total	8.74	I	3.20	10.0	ug/L	EPA 6020A	
Nitrate as N	11		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	133.9		-999	-999	mV	Field	
pH	4.82				pH Units	Field	
Sodium - Total	20.5		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	492		0	0	umhos/cm	Field	
Temperature	24.99		0	0	°C	Field	
Total Dissolved Solids	320		10	10	mg/L	SM 2540C-2011	
Turbidity	8.4		0	0	NTU	Field	
Water Elevation	83.57				Ft	Field	

Client ID: MW-20B **Lab ID: AB06491-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	8.6		0.29	5.0	mg/L	EPA 300.0	
Chromium - Total	5.49	I	4.50	10.0	ug/L	EPA 6020A	
Depth to Water	51.65				Ft	Field	
Dissolved Oxygen	4.38		0	0	mg/L	Field	
Iron - Total	97.2		38.0	50.0	ug/L	EPA 6020A	
Nitrate as N	2.0		0.052	1.0	mg/L	EPA 300.0	
pH	7.16				pH Units	Field	
Sodium - Total	5.64		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	286		0	0	umhos/cm	Field	
Temperature	25.28		0	0	°C	Field	
Total Dissolved Solids	170		10	10	mg/L	SM 2540C-2011	
Turbidity	7		0	0	NTU	Field	
Water Elevation	70.64				Ft	Field	

Client ID: Supply Well **Lab ID: AB06491-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Ammonia as N	0.0088	I	0.0073	0.020	mg/L	EPA 350.1	J
Chloride	11		0.29	5.0	mg/L	EPA 300.0	
Copper - Total	4.49	I	2.20	10.0	ug/L	EPA 6020A	
Dissolved Oxygen	1.27		0	0	mg/L	Field	
Lead - Total	4.62	I	1.60	5.00	ug/L	EPA 6020A	
Nitrate as N	2.8		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	37.4		-999	-999	mV	Field	
pH	6.76				pH Units	Field	
Sodium - Total	7.34		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	406		0	0	umhos/cm	Field	
Temperature	24.22		0	0	°C	Field	
Total Dissolved Solids	240		10	10	mg/L	SM 2540C-2011	
Turbidity	0.2		0	0	NTU	Field	
Vanadium - Total	2.74	I	2.00	10.0	ug/L	EPA 6020A	

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SAMPLE DETECTION SUMMARY

Client ID: BW-1B **Lab ID:** AB06491-04

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	12		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	47.4				Ft	Field	
Dissolved Oxygen	8.15		0	0	mg/L	Field	
Nitrate as N	7.0		0.052	1.0	mg/L	EPA 300.0	
Oxidation/Reduction Potential	23.2		-999	-999	mV	Field	
pH	7.32				pH Units	Field	
Sodium - Total	7.21		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	250		0	0	umhos/cm	Field	
Temperature	24.5		0	0	°C	Field	
Total Dissolved Solids	170		10	10	mg/L	SM 2540C-2011	
Turbidity	0.2		0	0	NTU	Field	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-01
Sampled: 09/11/18 14:37
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

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	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I14013	EPA 8260B	09/14/18 11:18	KKW	U

ANALYTICAL RESULTS

Description: MW-19A | **Lab Sample ID:** AB06491-01 | **Received:** 09/12/18 15:35
Matrix: Ground Water | **Sampled:** 09/11/18 14:37 | **Work Order:** AB06491
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Chris Monaco

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	*53*	*1*	*50.0*	*105 %*	*41-142*	*8I14013*	*EPA 8260B*	*09/14/18 11:18*	*KKW*	
Dibromofluoromethane	*47*	*1*	*50.0*	*94 %*	*53-146*	*8I14013*	*EPA 8260B*	*09/14/18 11:18*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*105 %*	*41-146*	*8I14013*	*EPA 8260B*	*09/14/18 11:18*	*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	8I17001	EPA 8011	09/17/18 20:31	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 20:31	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*120 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 20:31*	*JJB*	

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]^	**0.0296**	I	ug/L	1	0.0230	0.200	8I13011	EPA 7470A	09/14/18 08:03	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Cadmium [7440-43-9]^	**1.40**	I	ug/L	1	0.900	3.00	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Cobalt [7440-48-4]^	**4.39**	I	ug/L	1	2.10	10.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Iron [7439-89-6]^	**162**		ug/L	1	38.0	50.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Nickel [7440-02-0]^	**8.74**	I	ug/L	1	3.20	10.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Sodium [7440-23-5]^	**20.5**		mg/L	1	0.320	1.00	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I13007	EPA 6020A	09/13/18 13:46	CRG	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-01
Sampled: 09/11/18 14:37
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I17031	EPA 350.1	09/17/18 12:26	kgonz	QM-07, U
Chloride [16887-00-6]^	**69**		mg/L	1	0.29	5.0	8I12001	EPA 300.0	09/12/18 19:48	RSA	
Nitrate as N [14797-55-8]^	**11**		mg/L	1	0.052	1.0	8I12001	EPA 300.0	09/12/18 19:48	RSA	
Total Dissolved Solids^	**320**		mg/L	1	10	10	8I14032	SM 2540C-2011	09/17/18 22:10	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**57.87**		Ft	1			8I18039	Field	09/11/18 14:37	CSP	
Dissolved Oxygen	**4.12**		mg/L	1	0	0	8I18039	Field	09/11/18 14:37	CSP	
Oxidation/Reduction Potential	**133.9**		mV	1	-999	-999	8I18039	Field	09/11/18 14:37	CSP	
pH	**4.82**		pH Units	1			8I18039	Field	09/11/18 14:37	CSP	
Specific Conductance (EC)	**492**		umhos/cm	1	0	0	8I18039	Field	09/11/18 14:37	CSP	
Temperature	**24.99**		°C	1	0	0	8I18039	Field	09/11/18 14:37	CSP	
Turbidity	**8.4**		NTU	1	0	0	8I18039	Field	09/11/18 14:37	CSP	
Water Elevation	**83.57**		Ft	1			8I18039	Field	09/11/18 14:37	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-02
Sampled: 09/11/18 15:29
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

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	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I14013	EPA 8260B	09/14/18 11:47	KKW	U

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ANALYTICAL RESULTS

Description: MW-20B | **Lab Sample ID:** AB06491-02 | **Received:** 09/12/18 15:35

Matrix: Ground Water | **Sampled:** 09/11/18 15:29 | **Work Order:** AB06491

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | **Sampled By:** Chris Monaco

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	*53*	*1*	*50.0*	*107 %*	*41-142*	*8I14013*	*EPA 8260B*	*09/14/18 11:47*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*95 %*	*53-146*	*8I14013*	*EPA 8260B*	*09/14/18 11:47*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*105 %*	*41-146*	*8I14013*	*EPA 8260B*	*09/14/18 11:47*	*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	8I17001	EPA 8011	09/17/18 20:47	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17001	EPA 8011	09/17/18 20:47	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*120 %*	*70-130*	*8I17001*	*EPA 8011*	*09/17/18 20:47*	*JJB*	

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	8I13011	EPA 7470A	09/14/18 08:07	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Chromium [7440-47-3]^	**5.49**	I	ug/L	1	4.50	10.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Iron [7439-89-6]^	**97.2**		ug/L	1	38.0	50.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Sodium [7440-23-5]^	**5.64**		mg/L	1	0.320	1.00	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I13007	EPA 6020A	09/13/18 14:05	CRG	

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ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-02
Sampled: 09/11/18 15:29
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I17031	EPA 350.1	09/17/18 12:30	kgonz	U
Chloride [16887-00-6]^	**8.6**		mg/L	1	0.29	5.0	8I12001	EPA 300.0	09/12/18 20:06	RSA	
Nitrate as N [14797-55-8]^	**2.0**		mg/L	1	0.052	1.0	8I12001	EPA 300.0	09/12/18 20:06	RSA	
Total Dissolved Solids^	**170**		mg/L	1	10	10	8I14032	SM 2540C-2011	09/17/18 22:10	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**51.65**		Ft	1			8I18039	Field	09/11/18 15:29	CSP	
Dissolved Oxygen	**4.38**		mg/L	1	0	0	8I18039	Field	09/11/18 15:29	CSP	
Oxidation/Reduction Potential	**-7.3**		mV	1	-999	-999	8I18039	Field	09/11/18 15:29	CSP	
pH	**7.16**		pH Units	1			8I18039	Field	09/11/18 15:29	CSP	
Specific Conductance (EC)	**286**		umhos/cm	1	0	0	8I18039	Field	09/11/18 15:29	CSP	
Temperature	**25.28**		°C	1	0	0	8I18039	Field	09/11/18 15:29	CSP	
Turbidity	**7**		NTU	1	0	0	8I18039	Field	09/11/18 15:29	CSP	
Water Elevation	**70.64**		Ft	1			8I18039	Field	09/11/18 15:29	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-03
Sampled: 09/11/18 15:54
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

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	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I14013	EPA 8260B	09/14/18 12:16	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-03
Sampled: 09/11/18 15:54
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

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	*52*	*1*	*50.0*	*105 %*	*41-142*	*8I14013*	*EPA 8260B*	*09/14/18 12:16*	*KKW*	
Dibromofluoromethane	*47*	*1*	*50.0*	*93 %*	*53-146*	*8I14013*	*EPA 8260B*	*09/14/18 12:16*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*103 %*	*41-146*	*8I14013*	*EPA 8260B*	*09/14/18 12:16*	*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	8I17002	EPA 8011	09/17/18 22:54	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17002	EPA 8011	09/17/18 22:54	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*118 %*	*70-130*	*8I17002*	*EPA 8011*	*09/17/18 22:54*	*JJB*	

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	8I13011	EPA 7470A	09/14/18 08:10	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Copper [7440-50-8]^	**4.49**	I	ug/L	1	2.20	10.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Lead [7439-92-1]^	**4.62**	I	ug/L	1	1.60	5.00	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Sodium [7440-23-5]^	**7.34**		mg/L	1	0.320	1.00	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Vanadium [7440-62-2]^	**2.74**	I	ug/L	1	2.00	10.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I13007	EPA 6020A	09/13/18 14:33	CRG	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-03
Sampled: 09/11/18 15:54
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

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]^	**0.0088**	I	mg/L	1	0.0073	0.020	8I17031	EPA 350.1	09/17/18 12:31	kgonz	J
Chloride [16887-00-6]^	**11**		mg/L	1	0.29	5.0	8I12001	EPA 300.0	09/12/18 20:24	RSA	
Nitrate as N [14797-55-8]^	**2.8**		mg/L	1	0.052	1.0	8I12001	EPA 300.0	09/12/18 20:24	RSA	
Total Dissolved Solids^	**240**		mg/L	1	10	10	8I14032	SM 2540C-2011	09/17/18 22:10	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen	**1.27**		mg/L	1	0	0	8I18039	Field	09/11/18 15:54	CSP	
Oxidation/Reduction Potential	**37.4**		mV	1	-999	-999	8I18039	Field	09/11/18 15:54	CSP	
pH	**6.76**		pH Units	1			8I18039	Field	09/11/18 15:54	CSP	
Specific Conductance (EC)	**406**		umhos/cm	1	0	0	8I18039	Field	09/11/18 15:54	CSP	
Temperature	**24.22**		°C	1	0	0	8I18039	Field	09/11/18 15:54	CSP	
Turbidity	**0.2**		NTU	1	0	0	8I18039	Field	09/11/18 15:54	CSP	

ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-04
Sampled: 09/12/18 10:55
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

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	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I14013	EPA 8260B	09/14/18 12:45	KKW	U

ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-04
Sampled: 09/12/18 10:55
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

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	*53*	*1*	*50.0*	*106 %*	*41-142*	*8I14013*	*EPA 8260B*	*09/14/18 12:45*	*KKW*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*53-146*	*8I14013*	*EPA 8260B*	*09/14/18 12:45*	*KKW*	
Toluene-d8	*52*	*1*	*50.0*	*103 %*	*41-146*	*8I14013*	*EPA 8260B*	*09/14/18 12:45*	*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	8I17002	EPA 8011	09/17/18 23:10	JJB	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8I17002	EPA 8011	09/17/18 23:10	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	*0.30*	*1*	*0.250*	*118 %*	*70-130*	*8I17002*	*EPA 8011*	*09/17/18 23:10*	*JJB*	

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	8I13011	EPA 7470A	09/14/18 08:19	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
Antimony [7440-36-0]^	2.50	U	ug/L	1	2.50	5.00	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Sodium [7440-23-5]^	**7.21**		mg/L	1	0.320	1.00	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8I13007	EPA 6020A	09/13/18 14:37	CRG	

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ANALYTICAL RESULTS

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

Lab Sample ID: AB06491-04
Sampled: 09/12/18 10:55
Sampled By: Chris Monaco

Received: 09/12/18 15:35
Work Order: AB06491

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	0.0073	U	mg/L	1	0.0073	0.020	8I17031	EPA 350.1	09/17/18 12:32	kgonz	U
Chloride [16887-00-6]^	**12**		mg/L	1	0.29	5.0	8I12001	EPA 300.0	09/12/18 20:41	RSA	
Nitrate as N [14797-55-8]^	**7.0**		mg/L	1	0.052	1.0	8I12001	EPA 300.0	09/12/18 20:41	RSA	
Total Dissolved Solids^	**170**		mg/L	1	10	10	8I14032	SM 2540C-2011	09/17/18 22:10	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	**47.4**		Ft	1			8I18039	Field	09/12/18 10:55	CSP	
Dissolved Oxygen	**8.15**		mg/L	1	0	0	8I18039	Field	09/12/18 10:55	CSP	
Oxidation/Reduction Potential	**23.2**		mV	1	-999	-999	8I18039	Field	09/12/18 10:55	CSP	
pH	**7.32**		pH Units	1			8I18039	Field	09/12/18 10:55	CSP	
Specific Conductance (EC)	**250**		umhos/cm	1	0	0	8I18039	Field	09/12/18 10:55	CSP	
Temperature	**24.5**		°C	1	0	0	8I18039	Field	09/12/18 10:55	CSP	
Turbidity	**0.2**		NTU	1	0	0	8I18039	Field	09/12/18 10:55	CSP	

ANALYTICAL RESULTS

Description: TRIP BLANK 3 **Lab Sample ID:** AB06491-05 **Received:** 09/12/18 15:35

Matrix: Water **Sampled:** 09/11/18 00:00 **Work Order:** AB06491

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	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8I14022	EPA 8260B	09/14/18 17:32	MJH	U

ANALYTICAL RESULTS

Description: TRIP BLANK 3 **Lab Sample ID:** AB06491-05 **Received:** 09/12/18 15:35

Matrix: Water **Sampled:** 09/11/18 00:00 **Work Order:** AB06491

Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) **Sampled By:** ENCO ORL

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	*49*	*1*	*50.0*	*98 %*	*41-142*	*8I14022*	*EPA 8260B*	*09/14/18 17:32*	*MJH*	
Dibromofluoromethane	*55*	*1*	*50.0*	*109 %*	*53-146*	*8I14022*	*EPA 8260B*	*09/14/18 17:32*	*MJH*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*41-146*	*8I14022*	*EPA 8260B*	*09/14/18 17:32*	*MJH*	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I14013 - EPA 5030B_MS

Blank (8I14013-BLK1) Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 10:48

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	*55*			*ug/L*	*50.0*		*110*	*41-142*			
Dibromofluoromethane	*47*			*ug/L*	*50.0*		*94*	*53-146*			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I14013 - EPA 5030B_MS - Continued

Blank (8I14013-BLK1) Continued Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 10:48

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

LCS (8I14013-BS1) Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 09:20

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0		79	47-139			
Benzene	18		1.0	ug/L	20.0		89	56-136			
Chlorobenzene	23		1.0	ug/L	20.0		113	51-139			
Toluene	20		1.0	ug/L	20.0		102	64-131			
Trichloroethene	19		1.0	ug/L	20.0		95	62-135			
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*105*	*41-142*			
Dibromofluoromethane	*49*			*ug/L*	*50.0*		*97*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Matrix Spike (8I14013-MS1) Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 19:07

Source: AB06491-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.94 U	90	47-139			
Benzene	20		1.0	ug/L	20.0	0.71 U	98	56-136			
Chlorobenzene	25		1.0	ug/L	20.0	0.72 U	126	51-139			
Toluene	23		1.0	ug/L	20.0	0.72 U	116	64-131			
Trichloroethene	23		1.0	ug/L	20.0	0.89 U	115	62-135			
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*107*	*41-142*			
Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*53-146*			
Toluene-d8	*53*			*ug/L*	*50.0*		*105*	*41-146*			

Matrix Spike Dup (8I14013-MSD1) Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 19:37

Source: AB06491-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0	0.94 U	82	47-139	8	16	
Benzene	19		1.0	ug/L	20.0	0.71 U	96	56-136	3	14	
Chlorobenzene	24		1.0	ug/L	20.0	0.72 U	119	51-139	5	13	
Toluene	22		1.0	ug/L	20.0	0.72 U	112	64-131	3	16	
Trichloroethene	21		1.0	ug/L	20.0	0.89 U	107	62-135	7	20	
4-Bromofluorobenzene	*52*			*ug/L*	*50.0*		*105*	*41-142*			
Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*53-146*			
Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*41-146*			

Batch 8I14022 - EPA 5030B_MS

Blank (8I14022-BLK1) Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 14:32

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							U
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							U

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I14022 - EPA 5030B_MS - Continued

Blank (8I14022-BLK1) Continued Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 14:32

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	*55*			*ug/L*	*50.0*		*110*	*41-142*			
Dibromofluoromethane	*52*			*ug/L*	*50.0*		*104*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*41-146*			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I14022 - EPA 5030B_MS - Continued

LCS (8I14022-BS1) Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 13:00

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0		90	47-139			
Benzene	17		1.0	ug/L	20.0		87	56-136			
Chlorobenzene	22		1.0	ug/L	20.0		110	51-139			
Toluene	20		1.0	ug/L	20.0		101	64-131			
Trichloroethene	22		1.0	ug/L	20.0		108	62-135			
4-Bromofluorobenzene	*56*			*ug/L*	*50.0*		*113*	*41-142*			
Dibromofluoromethane	*53*			*ug/L*	*50.0*		*105*	*53-146*			
Toluene-d8	*50*			*ug/L*	*50.0*		*100*	*41-146*			

Matrix Spike (8I14022-MS1) Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 15:32

Source: AB06327-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.94 U	90	47-139			
Benzene	23		1.0	ug/L	20.0	0.71 U	114	56-136			
Chlorobenzene	24		1.0	ug/L	20.0	0.72 U	118	51-139			
Toluene	23		1.0	ug/L	20.0	0.72 U	116	64-131			
Trichloroethene	26		1.0	ug/L	20.0	0.89 U	129	62-135			
4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*106*	*41-142*			
Dibromofluoromethane	*56*			*ug/L*	*50.0*		*112*	*53-146*			
Toluene-d8	*54*			*ug/L*	*50.0*		*108*	*41-146*			

Matrix Spike Dup (8I14022-MSD1) Prepared: 09/14/2018 00:00 Analyzed: 09/14/2018 16:02

Source: AB06327-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.94 U	100	47-139	12	16	
Benzene	22		1.0	ug/L	20.0	0.71 U	111	56-136	3	14	
Chlorobenzene	24		1.0	ug/L	20.0	0.72 U	120	51-139	1	13	
Toluene	23		1.0	ug/L	20.0	0.72 U	117	64-131	1	16	
Trichloroethene	26		1.0	ug/L	20.0	0.89 U	131	62-135	1	20	
4-Bromofluorobenzene	*56*			*ug/L*	*50.0*		*112*	*41-142*			
Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*53-146*			
Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*41-146*			

Semivolatile Organic Compounds by GC - Quality Control

Batch 8I17001 - EPA 504/8011

Blank (8I17001-BLK1) Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:07

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	*0.29*			*ug/L*	*0.250*		*117*	*70-130*			

LCS (8I17001-BS1) Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:23

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

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 8I17001 - EPA 504/8011 - Continued

LCS (8I17001-BS1) Continued Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:23

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.22		0.020	ug/L	0.250		86	61-139			
1,2-Dibromoethane	0.22		0.020	ug/L	0.250		86	65-133			
1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*120*	*70-130*			

Matrix Spike (8I17001-MS1) Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:39

Source: AB06535-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.23		0.020	ug/L	0.250	0.012 U	91	61-139			
1,2-Dibromoethane	0.24		0.020	ug/L	0.250	0.004 U	97	65-133			
1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*118*	*70-130*			

Matrix Spike Dup (8I17001-MSD1) Prepared: 09/17/2018 06:47 Analyzed: 09/17/2018 14:55

Source: AB06535-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.21		0.020	ug/L	0.250	0.012 U	82	61-139	10	12	
1,2-Dibromoethane	0.24		0.020	ug/L	0.250	0.004 U	95	65-133	2	17	
1,1,1,2-Tetrachloroethane	*0.29*			*ug/L*	*0.250*		*117*	*70-130*			

Batch 8I17002 - EPA 504/8011

Blank (8I17002-BLK1) Prepared: 09/17/2018 06:52 Analyzed: 09/17/2018 21:03

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	*0.30*			*ug/L*	*0.250*		*122*	*70-130*			

LCS (8I17002-BS1) Prepared: 09/17/2018 06:52 Analyzed: 09/17/2018 21:19

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.24		0.020	ug/L	0.250		97	61-139			
1,2-Dibromoethane	0.24		0.020	ug/L	0.250		97	65-133			
1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*120*	*70-130*			

Matrix Spike (8I17002-MS1) Prepared: 09/17/2018 06:52 Analyzed: 09/17/2018 21:35

Source: AB06535-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.23		0.020	ug/L	0.250	0.012 U	92	61-139			
1,2-Dibromoethane	0.24		0.020	ug/L	0.250	0.004 U	98	65-133			
1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*121*	*70-130*			

Matrix Spike Dup (8I17002-MSD1) Prepared: 09/17/2018 06:52 Analyzed: 09/17/2018 21:51

Source: AB06535-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.23		0.020	ug/L	0.250	0.012 U	91	61-139	0.4	12	
1,2-Dibromoethane	0.24		0.020	ug/L	0.250	0.004 U	95	65-133	3	17	

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 8I17002 - EPA 504/8011 - Continued

Matrix Spike Dup (8I17002-MSD1) Continued Prepared: 09/17/2018 06:52 Analyzed: 09/17/2018 21:51

Source: AB06535-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	*0.30*			*ug/L*	*0.250*		*120*	*70-130*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8I13011 - EPA 7470A

Blank (8I13011-BLK1) Prepared: 09/13/2018 14:50 Analyzed: 09/14/2018 07:42

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 (8I13011-BLK2) Prepared: 09/13/2018 14:50 Analyzed: 09/14/2018 07:45

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 (8I13011-BS1) Prepared: 09/13/2018 14:50 Analyzed: 09/14/2018 07:48

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.13		0.200	ug/L	5.00		103	80-120			

Matrix Spike (8I13011-MS1) Prepared: 09/13/2018 14:50 Analyzed: 09/14/2018 07:54

Source: AB06246-01

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			

Matrix Spike Dup (8I13011-MSD1) Prepared: 09/13/2018 14:50 Analyzed: 09/14/2018 07:57

Source: AB06246-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	50.2		2.00	ug/L	50.0	0.230 U	100	75-125	1	20	

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

Batch 8I13007 - EPA 3005A

Blank (8I13007-BLK1) Prepared: 09/13/2018 09:05 Analyzed: 09/13/2018 13:37

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	6.10	U	10.0	ug/L							
Barium	20.0	U	100	ug/L							
Beryllium	0.940	U	1.00	ug/L							
Cadmium	0.900	U	3.00	ug/L							
Chromium	4.50	U	10.0	ug/L							
Cobalt	2.10	U	10.0	ug/L							
Copper	2.20	U	10.0	ug/L							
Iron	38.0	U	50.0	ug/L							
Lead	1.60	U	5.00	ug/L							
Nickel	3.20	U	10.0	ug/L							

QUALITY CONTROL DATA

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

Batch 8I13007 - EPA 3005A - Continued

Blank (8I13007-BLK1) Continued Prepared: 09/13/2018 09:05 Analyzed: 09/13/2018 13:37

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Selenium	6.50	U	10.0	ug/L							
Silver	0.290	U	1.00	ug/L							
Sodium	0.320	U	1.00	mg/L							
Thallium	0.580	U	1.00	ug/L							
Vanadium	2.00	U	10.0	ug/L							
Zinc	16.0	U	50.0	ug/L							

LCS (8I13007-BS1) Prepared: 09/13/2018 09:05 Analyzed: 09/13/2018 13:41

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	46.4		5.00	ug/L	50.0		93	80-120			
Arsenic	480		10.0	ug/L	500		96	80-120			
Barium	486		100	ug/L	500		97	80-120			
Beryllium	45.0		1.00	ug/L	50.0		90	80-120			
Cadmium	46.0		3.00	ug/L	50.0		92	80-120			
Chromium	496		10.0	ug/L	500		99	80-120			
Cobalt	495		10.0	ug/L	500		99	80-120			
Copper	495		10.0	ug/L	500		99	80-120			
Iron	1020		50.0	ug/L	1000		102	80-120			
Lead	467		5.00	ug/L	500		93	80-120			
Nickel	505		10.0	ug/L	500		101	80-120			
Selenium	422		10.0	ug/L	500		84	80-120			
Silver	50.1		1.00	ug/L	50.0		100	80-120			
Sodium	25.5		1.00	mg/L	25.0		102	80-120			
Thallium	48.1		1.00	ug/L	50.0		96	80-120			
Vanadium	494		10.0	ug/L	500		99	80-120			
Zinc	444		50.0	ug/L	500		89	80-120			

Matrix Spike (8I13007-MS1) Prepared: 09/13/2018 09:05 Analyzed: 09/13/2018 13:49

Source: AB06491-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	46.6		5.00	ug/L	50.0	2.50 U	93	75-125			
Arsenic	501		10.0	ug/L	500	6.10 U	100	75-125			
Barium	520		100	ug/L	500	20.0 U	104	75-125			
Beryllium	45.5		1.00	ug/L	50.0	0.940 U	91	75-125			
Cadmium	47.5		3.00	ug/L	50.0	1.40	92	75-125			
Chromium	515		10.0	ug/L	500	4.50 U	103	75-125			
Cobalt	505		10.0	ug/L	500	4.39	100	75-125			
Copper	496		10.0	ug/L	500	2.20 U	99	75-125			
Iron	1300		50.0	ug/L	1000	162	113	75-125			
Lead	481		5.00	ug/L	500	1.60 U	96	75-125			
Nickel	507		10.0	ug/L	500	8.74	100	75-125			
Selenium	456		10.0	ug/L	500	6.50 U	91	75-125			
Silver	50.8		1.00	ug/L	50.0	0.290 U	102	75-125			
Sodium	49.8		1.00	mg/L	25.0	20.5	117	75-125			
Thallium	50.5		1.00	ug/L	50.0	0.580 U	101	75-125			
Vanadium	493		10.0	ug/L	500	2.00 U	99	75-125			
Zinc	463		50.0	ug/L	500	16.0 U	93	75-125			

QUALITY CONTROL DATA

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

Batch 8I13007 - EPA 3005A - Continued

Matrix Spike Dup (8I13007-MSD1) Prepared: 09/13/2018 09:05 Analyzed: 09/13/2018 13:53

Source: AB06491-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	47.1		5.00	ug/L	50.0	2.50 U	94	75-125	1	20	
Arsenic	503		10.0	ug/L	500	6.10 U	101	75-125	0.4	20	
Barium	512		100	ug/L	500	20.0 U	102	75-125	2	20	
Beryllium	46.6		1.00	ug/L	50.0	0.940 U	93	75-125	2	20	
Cadmium	47.3		3.00	ug/L	50.0	1.40	92	75-125	0.4	20	
Chromium	505		10.0	ug/L	500	4.50 U	101	75-125	2	20	
Cobalt	492		10.0	ug/L	500	4.39	98	75-125	2	20	
Copper	496		10.0	ug/L	500	2.20 U	99	75-125	0.06	20	
Iron	1300		50.0	ug/L	1000	162	114	75-125	0.3	20	
Lead	478		5.00	ug/L	500	1.60 U	96	75-125	0.7	20	
Nickel	508		10.0	ug/L	500	8.74	100	75-125	0.3	20	
Selenium	438		10.0	ug/L	500	6.50 U	88	75-125	4	20	
Silver	49.5		1.00	ug/L	50.0	0.290 U	99	75-125	3	20	
Sodium	50.8		1.00	mg/L	25.0	20.5	121	75-125	2	20	
Thallium	48.9		1.00	ug/L	50.0	0.580 U	98	75-125	3	20	
Vanadium	497		10.0	ug/L	500	2.00 U	99	75-125	0.7	20	
Zinc	450		50.0	ug/L	500	16.0 U	90	75-125	3	20	

Classical Chemistry Parameters - Quality Control

Batch 8I12001 - NO PREP

Blank (8I12001-BLK1) Prepared: 09/12/2018 13:41 Analyzed: 09/12/2018 14:21

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 (8I12001-BS1) Prepared: 09/12/2018 13:41 Analyzed: 09/12/2018 14:38

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	51		5.0	mg/L	50.0		103	90-110			
Nitrate as N	26		1.0	mg/L	25.0		104	90-110			

Matrix Spike (8I12001-MS1) Prepared: 09/12/2018 13:41 Analyzed: 09/12/2018 16:58

Source: AB06110-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	83		5.0	mg/L	50.0	32	103	90-110			
Nitrate as N	26		1.0	mg/L	25.0	0.17	102	90-110			

Matrix Spike (8I12001-MS2) Prepared: 09/12/2018 13:41 Analyzed: 09/12/2018 18:40

Source: AB06492-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	67		5.0	mg/L	50.0	15	104	90-110			
Nitrate as N	25		1.0	mg/L	25.0	0.37	100	90-110			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8I12001 - NO PREP - Continued

Matrix Spike Dup (8I12001-MSD1) Prepared: 09/12/2018 13:41 Analyzed: 09/12/2018 17:15

Source: AB06110-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	81		5.0	mg/L	50.0	32	100	90-110	2	10	
Nitrate as N	25		1.0	mg/L	25.0	0.17	99	90-110	4	10	

Matrix Spike Dup (8I12001-MSD2) Prepared: 09/12/2018 13:41 Analyzed: 09/12/2018 18:57

Source: AB06492-02

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	68		5.0	mg/L	50.0	15	106	90-110	2	10	
Nitrate as N	26		1.0	mg/L	25.0	0.37	102	90-110	2	10	

Batch 8I14032 - NO PREP

Blank (8I14032-BLK1) Prepared: 09/14/2018 16:30 Analyzed: 09/17/2018 22:10

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 (8I14032-BS1) Prepared: 09/14/2018 16:30 Analyzed: 09/17/2018 22:10

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	960		10	mg/L	1000		96	90-110			

Duplicate (8I14032-DUP1) Prepared: 09/14/2018 16:30 Analyzed: 09/17/2018 22:10

Source: AB06110-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	280		10	mg/L		280			0	20	

Batch 8I17031 - NO PREP

Blank (8I17031-BLK1) Prepared: 09/17/2018 11:37 Analyzed: 09/17/2018 12:23

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

LCS (8I17031-BS1) Prepared: 09/17/2018 11:37 Analyzed: 09/17/2018 12:24

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.91		0.020	mg/L	1.00		91	90-110			

Matrix Spike (8I17031-MS1) Prepared: 09/17/2018 11:37 Analyzed: 09/17/2018 12:28

Source: AB06491-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.87		0.020	mg/L	1.00	0.0073 U	87	90-110			QM-07

Matrix Spike (8I17031-MS2) Prepared: 09/17/2018 11:37 Analyzed: 09/17/2018 12:41

Source: AB06529-01

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	0.0073 U	95	90-110			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8I17031 - NO PREP - Continued

Matrix Spike Dup (8I17031-MSD1) Prepared: 09/17/2018 11:37 Analyzed: 09/17/2018 12:29

Source: AB06491-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.87		0.020	mg/L	1.00	0.0073 U	87	90-110	0.5	10	QM-07

FLAGS/NOTES AND DEFINITIONS

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

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

Requested Analyses

8011	8260B Appendix 1 FL	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Na,Ni,Hg,Pb,Sb,Se,Tl,V,Zn	Ammonia 350.1	TDS SM2540C	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: ABO6491 ~~ABO6164~~ RM

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary)										Sample Comments
							I	H	N	S	I						
	MW-19A	9-11-18	1437	Grab	GW	8	2	3	1	1	1						
	MW-20B	9-11-18	1529	Grab	GW	8	2	3	1	1	1						
	Supply Well	9-11-18	1554	Grab	DW	8	2	3	1	1	1						
	BW-1B	9-12-18	1055	Grab	GW	8	2	3	1	1	1						

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 8/30/18 11:50	Relinquished By:	Date/Time: 8/30/18 11:50	Received By:	Date/Time: 9/4/18 1313		
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 9/12/18 1350	Received By:	Date/Time: 9/12/18 1350		
		Relinquished By:	Date/Time: 9/12/18 1535	Received By: Rosa Maival	Date/Time: 9/12/18 15:35		
		Cooler #'s & Temps on Receipt: Med-515 0.3°		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)