



ENCO Laboratories

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Monday, April 23, 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): AB02092

Dear Walker Wrenn,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, April 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,

David Camacho For Carlene S Pasipanki

Project Manager

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5AR	Lab ID: AB02092-01	Sampled: 04/11/18 13:20	Received: 04/11/18 17:15
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<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 300.0	NA	04/13/18 13:20	04/11/18 18:24	04/12/18 09:30
EPA 300.0	NA	05/09/18	04/11/18 18:24	04/12/18 09:30
EPA 350.1	NO PREP	05/09/18	04/12/18 11:06	04/12/18 11:29
EPA 6020A	EPA 3005A	10/08/18	04/12/18 12:32	04/13/18 13:25
EPA 7470A	EPA 7470A	05/09/18	04/12/18 11:46	04/13/18 08:05
EPA 8011	EPA 504/8011	04/25/18	04/17/18 10:48	04/17/18 17:23
EPA 8081B	EPA 3510C	04/18/18 05/22/18	04/12/18 15:20	04/13/18 16:16
EPA 8082A	EPA 3510C	04/11/19 04/11/19	04/18/18 08:00	04/18/18 12:31
EPA 8151A	Same 2	04/18/18 05/22/18	04/12/18 15:30	04/13/18 18:36
EPA 8260B	EPA 5030B_MS	04/25/18	04/13/18 00:00	04/13/18 18:50
EPA 8270D	EPA 3510C_MS	04/18/18 05/26/18	04/16/18 07:50	04/19/18 14:27
Field	NO PREP	04/11/18 13:34	04/11/18 13:20	04/11/18 13:20
Field	NO PREP	04/12/18 13:20 04/12/18 13:20	04/11/18 13:20	04/11/18 13:20
Field	NO PREP	04/13/18 13:20	04/11/18 13:20	04/11/18 13:20
SM 2540C-1997	NO PREP	04/18/18	04/12/18 17:20	04/13/18 21:32
SM 4500CN E-1999	SM18 4500-CN C	04/25/18	04/16/18 10:00	04/17/18 12:14
SM 4500S2 F-2000	NO PREP	04/18/18	04/18/18 17:11	04/18/18 20:40

Client ID: MW-5AR	Lab ID: AB02092-01RE1	Sampled: 04/11/18 13:20	Received: 04/11/18 17:15
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<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 6020A	EPA 3005A	10/08/18	04/12/18 12:32	04/14/18 09:41

Client ID: EQUIPMENT BLANK	Lab ID: AB02092-02	Sampled: 04/11/18 13:47	Received: 04/11/18 17:15
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<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 300.0	NA	04/13/18 13:47	04/11/18 18:24	04/12/18 09:14
EPA 300.0	NA	05/09/18	04/11/18 18:24	04/12/18 09:14
EPA 350.1	NO PREP	05/09/18	04/12/18 11:06	04/12/18 11:33
EPA 6020A	EPA 3005A	10/08/18	04/12/18 12:32	04/13/18 13:22
EPA 7470A	EPA 7470A	05/09/18	04/12/18 11:46	04/13/18 08:24
EPA 8011	EPA 504/8011	04/25/18	04/17/18 10:48	04/17/18 17:40
EPA 8081B	EPA 3510C	04/18/18 05/22/18	04/12/18 15:20	04/13/18 16:28
EPA 8082A	EPA 3510C	04/11/19 04/11/19	04/18/18 08:00	04/18/18 12:43
EPA 8151A	Same 2	04/18/18 05/22/18	04/12/18 15:30	04/13/18 19:01
EPA 8260B	EPA 5030B_MS	04/25/18	04/13/18 00:00	04/13/18 19:20
EPA 8270D	EPA 3510C_MS	04/18/18 05/26/18	04/16/18 07:50	04/19/18 14:57
SM 2540C-1997	NO PREP	04/18/18	04/12/18 17:20	04/13/18 21:32
SM 4500CN E-1999	SM18 4500-CN C	04/25/18	04/16/18 10:00	04/17/18 12:14
SM 4500S2 F-2000	NO PREP	04/18/18	04/18/18 17:11	04/18/18 20:40

Client ID: EQUIPMENT BLANK	Lab ID: AB02092-02RE1	Sampled: 04/11/18 13:47	Received: 04/11/18 17:15
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<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 6020A	EPA 3005A	10/08/18	04/12/18 12:32	04/14/18 09:50

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-5BR		Lab ID: AB02092-03		Sampled: 04/11/18 14:58		Received: 04/11/18 17:15
Parameter	Preparation	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	NA	04/13/18	14:58	04/11/18	18:24	04/12/18 10:53
EPA 300.0	NA	05/09/18		04/11/18	18:24	04/12/18 10:53
EPA 350.1	NO PREP	05/09/18		04/12/18	11:06	04/12/18 11:34
EPA 6020A	EPA 3005A	10/08/18		04/12/18	12:32	04/13/18 13:29
EPA 7470A	EPA 7470A	05/09/18		04/12/18	11:46	04/13/18 08:08
EPA 8011	EPA 504/8011	04/25/18		04/17/18	10:48	04/17/18 17:56
EPA 8081B	EPA 3510C	04/18/18	05/22/18	04/12/18	15:20	04/13/18 16:41
EPA 8082A	EPA 3510C	04/11/19	04/11/19	04/18/18	08:00	04/18/18 12:55
EPA 8151A	Same 2	04/18/18	05/22/18	04/12/18	15:30	04/13/18 19:26
EPA 8260B	EPA 5030B_MS	04/25/18		04/13/18	00:00	04/13/18 19:49
EPA 8270D	EPA 3510C_MS	04/18/18	05/26/18	04/16/18	07:50	04/19/18 15:27
Field	NO PREP	04/11/18	15:12	04/11/18	14:58	04/11/18 14:58
Field	NO PREP	04/12/18	14:58	04/12/18	14:58	04/11/18 14:58
Field	NO PREP	04/13/18	14:58	04/11/18	14:58	04/11/18 14:58
SM 2540C-1997	NO PREP	04/18/18		04/12/18	17:20	04/13/18 21:32
SM 4500CN E-1999	SM18 4500-CN C	04/25/18		04/16/18	12:25	04/17/18 12:14
SM 4500S2 F-2000	NO PREP	04/18/18		04/18/18	17:11	04/18/18 20:40

Client ID: MW-5BR		Lab ID: AB02092-03RE1		Sampled: 04/11/18 14:58		Received: 04/11/18 17:15
Parameter	Preparation	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	EPA 3005A	10/08/18		04/12/18	12:32	04/14/18 09:44

Client ID: TRIP BLANK		Lab ID: AB02092-04		Sampled: 04/11/18 00:00		Received: 04/11/18 17:15
Parameter	Preparation	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	EPA 5030B_MS	04/25/18		04/13/18	00:00	04/14/18 05:12

Client ID: TRIP BLANK		Lab ID: AB02092-05		Sampled: 04/11/18 00:00		Received: 04/11/18 17:15
Parameter	Preparation	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8260B	EPA 5030B_MS	04/25/18		04/13/18	00:00	04/14/18 05:41

SAMPLE DETECTION SUMMARY

Client ID: MW-5AR		Lab ID: AB02092-01					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	28		10	20	ug/L	EPA 8260B	O-01
Chloride	14		0.29	5.0	mg/L	EPA 300.0	
Depth to Water	16.92				Ft	Field	
Dissolved Oxygen	2.21		0	0	mg/L	Field	
Nitrate as N	0.64	I	0.052	1.0	mg/L	EPA 300.0	J
pH	6.71				pH Units	Field	
Sodium - Total	9.51		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	420		0	0	umhos/cm	Field	
Temperature	23.02		0	0	°C	Field	
Total Dissolved Solids	200		10	10	mg/L	SM 2540C-1997	
Turbidity	1		0	0	NTU	Field	
Vanadium - Total	3.18	I	2.00	10.0	ug/L	EPA 6020A	

Client ID: MW-5BR		Lab ID: AB02092-03					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	4.0	I	0.29	5.0	mg/L	EPA 300.0	
Depth to Water	26.88				Ft	Field	
Dissolved Oxygen	1.64		0	0	mg/L	Field	
Nitrate as N	0.49	I	0.052	1.0	mg/L	EPA 300.0	J
pH	7				pH Units	Field	
Sodium - Total	4.85		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	356		0	0	umhos/cm	Field	
Sulfide	0.58	I	0.45	1.0	mg/L	SM 4500S2 F-2000	
Temperature	23.95		0	0	°C	Field	
Total Dissolved Solids	230		10	10	mg/L	SM 2540C-1997	
Turbidity	0.5		0	0	NTU	Field	
Vanadium - Total	5.01	I	2.00	10.0	ug/L	EPA 6020A	

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,1-Dichloropropene [563-58-6]^	0.74	U	ug/L	1	0.74	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,2,4-Trichlorobenzene [120-82-1]^	0.70	U	ug/L	1	0.70	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,3-Dichloropropane [142-28-9]^	0.60	U	ug/L	1	0.60	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
2,2-Dichloropropane [594-20-7]^	0.66	U	ug/L	1	0.66	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
3-Chloropropene [107-05-1]^	1.0	U	ug/L	1	1.0	2.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Acetone [67-64-1]^	28		ug/L	1	10	20	8D13015	EPA 8260B	04/13/18 18:50	JAJ	O-01
Acetonitrile [75-05-8]^	8.5	U	ug/L	1	8.5	10	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Acrolein [107-02-8]^	6.4	U	ug/L	1	6.4	10	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Chloroprene [126-99-8]^	0.66	U	ug/L	1	0.66	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Ethyl Methacrylate [97-63-2]^	0.54	U	ug/L	1	0.54	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Hexachlorobutadiene [87-68-3]^	0.70	U	ug/L	1	0.70	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Isobutyl alcohol [78-83-1]^	14	U	ug/L	1	14	50	8D13015	EPA 8260B	04/13/18 18:50	JAJ	QL-02
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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
Methacrylonitrile [126-98-7]^	1.4	U	ug/L	1	1.4	10	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Methyl Methacrylate [80-62-6]^	0.68	U	ug/L	1	0.68	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Naphthalene [91-20-3]^	0.82	U	ug/L	1	0.82	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Propionitrile [107-12-0]^	6.1	U	ug/L	1	6.1	10	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8D13015	EPA 8260B	04/13/18 18:50	JAJ	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	48	1	50.0	97 %	41-142	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Dibromofluoromethane	48	1	50.0	96 %	53-146	8D13015	EPA 8260B	04/13/18 18:50	JAJ	
Toluene-d8	49	1	50.0	97 %	41-146	8D13015	EPA 8260B	04/13/18 18:50	JAJ	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2,4,5-Tetrachlorobenzene [95-94-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
1,3,5-Trinitrobenzene [99-35-4]^	5.1	U	ug/L	1	5.1	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	QV-01
1,3-Dinitrobenzene [99-65-0]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
1,4-Naphthoquinone [130-15-4]^	4.7	U	ug/L	1	4.7	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
1,4-Phenylenediamine [106-50-3]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
1-Naphthylamine [134-32-7]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,3,4,6-Tetrachlorophenol [58-90-2]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,4,5-Trichlorophenol [95-95-4]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,4,6-Trichlorophenol [88-06-2]^	6.4	U	ug/L	1	6.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,4-Dichlorophenol [120-83-2]^	6.5	U	ug/L	1	6.5	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,4-Dimethylphenol [105-67-9]^	6.4	U	ug/L	1	6.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,4-Dinitrophenol [51-28-5]^	7.7	U	ug/L	1	7.7	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,4-Dinitrotoluene [SIM] [121-14-2]^	0.038	U	ug/L	1	0.038	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,6-Dichlorophenol [87-65-0]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2,6-Dinitrotoluene [606-20-2]^	2.9	U	ug/L	1	2.9	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Acetylaminofluorene [53-96-3]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Chloronaphthalene [91-58-7]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Chlorophenol [95-57-8]^	7.4	U	ug/L	1	7.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Methyl-4,6-dinitrophenol [534-52-1]^	6.0	U	ug/L	1	6.0	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Methylnaphthalene [91-57-6]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Methylphenol [95-48-7]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Naphthylamine [91-59-8]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2-Nitroaniline [88-74-4]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Nitrophenol [88-75-5]^	5.2	U	ug/L	1	5.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
3 & 4-Methylphenol [108-39-4/106-44-5]^	8.2	U	ug/L	1	8.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
3,3'-Dichlorobenzidine [91-94-1]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
3,3'-Dimethylbenzidine [119-93-7]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
3-Methylcholanthrene [56-49-5]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
3-Nitroaniline [99-09-2]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
4-Aminobiphenyl [92-67-1]^	2.6	U	ug/L	1	2.6	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
4-Bromophenyl-phenylether [101-55-3]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
4-Chloro-3-methylphenol [59-50-7]^	7.3	U	ug/L	1	7.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
4-Chloroaniline [106-47-8]^	4.3	U	ug/L	1	4.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
4-Chlorophenyl-phenylether [7005-72-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
4-Nitroaniline [100-01-6]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
4-Nitrophenol [100-02-7]^	7.9	U	ug/L	1	7.9	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
5-Nitro-o-toluidine [99-55-8]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
7,12-Dimethylbenz(a)anthracene [57-97-6]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Acenaphthene [83-32-9]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Acenaphthylene [208-96-8]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Acetophenone [98-86-2]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Anthracene [SIM] [120-12-7]^	0.021	U	ug/L	1	0.021	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Benzo(a)anthracene [SIM] [56-55-3]^	0.038	U	ug/L	1	0.038	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Benzo(a)pyrene [SIM] [50-32-8]^	0.042	U	ug/L	1	0.042	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Benzo(b)fluoranthene [SIM] [205-99-2]^	0.040	U	ug/L	1	0.040	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Benzo(g,h,i)perylene [SIM] [191-24-2]^	0.072	U	ug/L	1	0.072	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Benzo(k)fluoranthene [SIM] [207-08-9]^	0.043	U	ug/L	1	0.043	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Benzyl alcohol [100-51-6]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Bis(2-chloroethoxy)methane [111-91-1]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Bis(2-chloroethyl)ether [111-44-4]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Bis(2-chloroisopropyl)ether [108-60-1]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Bis(2-ethylhexyl)phthalate [117-81-7]^	3.5	U	ug/L	1	3.5	5.0	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Butylbenzylphthalate [85-68-7]^	5.1	U	ug/L	1	5.1	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Chlorobenzilate [SIM] [510-15-6]^	0.029	U	ug/L	1	0.029	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Chrysene [SIM] [218-01-9]^	0.086	U	ug/L	1	0.086	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Diallate [SIM] [2303-16-4]^	0.030	U	ug/L	1	0.030	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Dibenzo(a,h)anthracene [SIM] [53-70-3]^	0.051	U	ug/L	1	0.051	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Dibenzofuran [132-64-9]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Diethylphthalate [84-66-2]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Dimethoate [SIM] [60-51-5]^	0.043	U	ug/L	1	0.043	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Dimethylphthalate [131-11-3]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Di-n-butylphthalate [84-74-2]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Di-n-octylphthalate [117-84-0]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Disulfoton [SIM] [298-04-4]^	0.062	U	ug/L	1	0.062	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Ethyl methanesulfonate [62-50-0]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Famphur [SIM] [52-85-7]^	0.052	U	ug/L	1	0.052	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Fluoranthene [SIM] [206-44-0]^	0.092	U	ug/L	1	0.092	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Fluorene [86-73-7]^	2.9	U	ug/L	1	2.9	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	

ANALYTICAL RESULTS

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Lab Sample ID: AB02092-01

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobenzene [SIM] [118-74-1]^	0.027	U	ug/L	1	0.027	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Hexachlorobutadiene [SIM] [87-68-3]^	0.045	U	ug/L	1	0.045	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	QV-01
Hexachlorocyclopentadiene [77-47-4]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Hexachloroethane [67-72-1]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Hexachloropropene [1888-71-7]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	QV-01
Indeno(1,2,3-cd)pyrene [SIM] [193-39-5]^	0.045	U	ug/L	1	0.045	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Isodrin [465-73-6]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Isophorone [78-59-1]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	QL-02
Isosafrole [120-58-1]^	2.6	U	ug/L	1	2.6	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Kepone [SIM] [143-50-0]^	3.3	U	ug/L	1	3.3	5.0	8D16001	EPA 8270D	04/19/18 14:27	jfi	QV-01
Methapyrilene [91-80-5]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Methyl Methanesulfonate [66-27-3]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Methyl Parathion [SIM] [298-00-0]^	0.061	U	ug/L	1	0.061	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Nitrobenzene [98-95-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
N-Nitrosodiethylamine [55-18-5]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
N-Nitrosodimethylamine [62-75-9]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
N-Nitrosodi-n-butylamine [924-16-3]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
N-Nitroso-di-n-propylamine [621-64-7]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	QV-01
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]^	5.4	U	ug/L	1	5.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
N-Nitrosomethylethylamine [10595-95-6]^	3.7	U	ug/L	1	3.7	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
N-Nitrosopiperidine [100-75-4]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
N-Nitrosopyrrolidine [930-55-2]^	4.2	U	ug/L	1	4.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
O,O,O-Triethyl phosphorothioate [126-68-1]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
o-Toluidine [95-53-4]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Parathion [56-38-2]^	1.2	U	ug/L	1	1.2	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
p-Dimethylaminoazobenzene [60-11-7]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Pentachlorobenzene [SIM] [608-93-5]^	0.034	U	ug/L	1	0.034	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Pentachloronitrobenzene [SIM] [82-68-8]^	0.047	U	ug/L	1	0.047	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Phenacetin [62-44-2]^	2.7	U	ug/L	1	2.7	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Phenanthrene [85-01-8]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Phenol [108-95-2]^	5.6	U	ug/L	1	5.6	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Phorate [SIM] [298-02-2]^	0.070	U	ug/L	1	0.070	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Pronamide [23950-58-5]^	4.3	U	ug/L	1	4.3	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Pyrene [SIM] [129-00-0]^	0.090	U	ug/L	1	0.090	0.10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Safrole [94-59-7]^	4.8	U	ug/L	1	4.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Thionazin [297-97-2]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 14:27	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,6-Tribromophenol	44	1	50.5	87 %	33-145	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Fluorobiphenyl	27	1	50.5	54 %	32-116	8D16001	EPA 8270D	04/19/18 14:27	jfi	
2-Fluorophenol	16	1	50.5	32 %	11-100	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Nitrobenzene-d5	29	1	50.5	57 %	24-107	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Phenol-d5	13	1	50.5	25 %	10-100	8D16001	EPA 8270D	04/19/18 14:27	jfi	
Terphenyl-d14	86	1	50.5	170 %	52-150	8D16001	EPA 8270D	04/19/18 14:27	jfi	QS-03

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
4,4'-DDE [72-55-9]^	0.036	U	ug/L	1	0.036	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
4,4'-DDT [50-29-3]^	0.025	U	ug/L	1	0.025	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Aldrin [309-00-2]^	0.032	U	ug/L	1	0.032	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
alpha-BHC [319-84-6]^	0.026	U	ug/L	1	0.026	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
beta-BHC [319-85-7]^	0.022	U	ug/L	1	0.022	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Chlordane (tech) [12789-03-6]^	0.36	U	ug/L	1	0.36	0.50	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Chlordane-alpha [5103-71-9]^	0.022	U	ug/L	1	0.022	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Chlordane-gamma [5103-74-2]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
delta-BHC [319-86-8]^	0.019	U	ug/L	1	0.019	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Endosulfan I [959-98-8]^	0.016	U	ug/L	1	0.016	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Endosulfan II [33213-65-9]^	0.017	U	ug/L	1	0.017	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Endosulfan sulfate [1031-07-8]^	0.016	U	ug/L	1	0.016	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Endrin [72-20-8]^	0.014	U	ug/L	1	0.014	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Endrin aldehyde [7421-93-4]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
gamma-BHC [58-89-9]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Heptachlor [76-44-8]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Heptachlor epoxide [1024-57-3]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Methoxychlor [72-43-5]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:16	JJB	
Toxaphene [8001-35-2]^	0.48	U	ug/L	1	0.48	0.50	8D11043	EPA 8081B	04/13/18 16:16	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	5.2	1	1.00	521 %	38-142	8D11043	EPA 8081B	04/13/18 16:16	JJB	QS-03
Decachlorobiphenyl	5.3	1	1.00	532 %	34-159	8D11043	EPA 8081B	04/13/18 16:16	JJB	QS-03

Polychlorinated Biphenyls by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9]^	0.49	U	ug/L	1	0.49	0.50	8D18007	EPA 8082A	04/18/18 12:31	JJB	
PCB-1221 [11104-28-2]^	0.46	U	ug/L	1	0.46	0.50	8D18007	EPA 8082A	04/18/18 12:31	JJB	
PCB-1232 [11141-16-5]^	0.47	U	ug/L	1	0.47	0.50	8D18007	EPA 8082A	04/18/18 12:31	JJB	
PCB-1248 [12672-29-6]^	0.49	U	ug/L	1	0.49	0.50	8D18007	EPA 8082A	04/18/18 12:31	JJB	
PCB-1254 [11097-69-1]^	0.50	U	ug/L	1	0.50	0.50	8D18007	EPA 8082A	04/18/18 12:31	JJB	
PCB-1260 [11096-82-5]^	0.48	U	ug/L	1	0.48	0.50	8D18007	EPA 8082A	04/18/18 12:31	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	0.92	1	1.01	91 %	38-142	8D18007	EPA 8082A	04/18/18 12:31	JJB	
Decachlorobiphenyl	1.0	1	1.01	99 %	34-159	8D18007	EPA 8082A	04/18/18 12:31	JJB	

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.28	U	ug/L	1	0.28	0.50	8D11044	EPA 8151A	04/13/18 18:36	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.44	U	ug/L	1	0.44	0.50	8D11044	EPA 8151A	04/13/18 18:36	RGG	
2,4-D [94-75-7]^	0.27	U	ug/L	1	0.27	0.50	8D11044	EPA 8151A	04/13/18 18:36	RGG	
Dinoseb [88-85-7]^	0.32	U	ug/L	1	0.32	0.50	8D11044	EPA 8151A	04/13/18 18:36	RGG	
Pentachlorophenol [87-86-5]^	0.19	U	ug/L	1	0.19	0.50	8D11044	EPA 8151A	04/13/18 18:36	RGG	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4-DCAA	1.6	1	2.00	82 %	37-134	8D11044	EPA 8151A	04/13/18 18:36	RGG	

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	8D17027	EPA 8011	04/17/18 17:23	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8D17027	EPA 8011	04/17/18 17:23	RGG	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	0.24	1	0.250	98 %	70-130	8D17027	EPA 8011	04/17/18 17:23	RGG	

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	8D12012	EPA 7470A	04/13/18 08:05	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	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Sodium [7440-23-5]^	9.51		mg/L	1	0.320	1.00	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Tin [7440-31-5]^	3.90	U	ug/L	1	3.90	50.0	8D11039	EPA 6020A	04/14/18 09:41	JMA	
Vanadium [7440-62-2]^	3.18	I	ug/L	1	2.00	10.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8D11039	EPA 6020A	04/13/18 13:25	CRG	

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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	8D12026	EPA 350.1	04/12/18 11:29	kgonz	U
Chloride [16887-00-6]^	14		mg/L	1	0.29	5.0	8D12001	EPA 300.0	04/12/18 09:30	RSA	
Cyanide (total) [57-12-5]^	0.0067	U	mg/L	1	0.0067	0.010	8D16004	SM 4500CN E-199	04/17/18 12:14	SR	
Nitrate as N [14797-55-8]^	0.64	I	mg/L	1	0.052	1.0	8D12001	EPA 300.0	04/12/18 09:30	RSA	J
Sulfide [18496-25-8]	0.45	U	mg/L	1	0.45	1.0	8D18052	SM 4500S2 F-2000	04/18/18 20:40	AH	
Total Dissolved Solids^	200		mg/L	1	10	10	8D12034	SM 2540C-1997	04/13/18 21:32	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	16.92		Ft	1			8D23003	Field	04/11/18 13:20	DMC	
Dissolved Oxygen	2.21		mg/L	1	0	0	8D23003	Field	04/11/18 13:20	DMC	
pH	6.71		pH Units	1			8D23003	Field	04/11/18 13:20	DMC	
Specific Conductance (EC)	420		umhos/cm	1	0	0	8D23003	Field	04/11/18 13:20	DMC	
Temperature	23.02		°C	1	0	0	8D23003	Field	04/11/18 13:20	DMC	
Turbidity	1		NTU	1	0	0	8D23003	Field	04/11/18 13:20	DMC	

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,1-Dichloropropene [563-58-6]^	0.74	U	ug/L	1	0.74	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,2,4-Trichlorobenzene [120-82-1]^	0.70	U	ug/L	1	0.70	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,3-Dichloropropane [142-28-9]^	0.60	U	ug/L	1	0.60	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
2,2-Dichloropropane [594-20-7]^	0.66	U	ug/L	1	0.66	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
3-Chloropropene [107-05-1]^	1.0	U	ug/L	1	1.0	2.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Acetonitrile [75-05-8]^	8.5	U	ug/L	1	8.5	10	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Acrolein [107-02-8]^	6.4	U	ug/L	1	6.4	10	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Chloroprene [126-99-8]^	0.66	U	ug/L	1	0.66	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Ethyl Methacrylate [97-63-2]^	0.54	U	ug/L	1	0.54	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Hexachlorobutadiene [87-68-3]^	0.70	U	ug/L	1	0.70	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Isobutyl alcohol [78-83-1]^	14	U	ug/L	1	14	50	8D13015	EPA 8260B	04/13/18 19:20	JAJ	QL-02
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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
Methacrylonitrile [126-98-7]^	1.4	U	ug/L	1	1.4	10	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Methyl Methacrylate [80-62-6]^	0.68	U	ug/L	1	0.68	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Naphthalene [91-20-3]^	0.82	U	ug/L	1	0.82	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Propionitrile [107-12-0]^	6.1	U	ug/L	1	6.1	10	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8D13015	EPA 8260B	04/13/18 19:20	JAJ	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	50	1	50.0	100 %	41-142	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Dibromofluoromethane	51	1	50.0	101 %	53-146	8D13015	EPA 8260B	04/13/18 19:20	JAJ	
Toluene-d8	50	1	50.0	101 %	41-146	8D13015	EPA 8260B	04/13/18 19:20	JAJ	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2,4,5-Tetrachlorobenzene [95-94-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
1,3,5-Trinitrobenzene [99-35-4]^	5.1	U	ug/L	1	5.1	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	QV-01
1,3-Dinitrobenzene [99-65-0]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
1,4-Naphthoquinone [130-15-4]^	4.7	U	ug/L	1	4.7	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
1,4-Phenylenediamine [106-50-3]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
1-Naphthylamine [134-32-7]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,3,4,6-Tetrachlorophenol [58-90-2]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,4,5-Trichlorophenol [95-95-4]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,4,6-Trichlorophenol [88-06-2]^	6.4	U	ug/L	1	6.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,4-Dichlorophenol [120-83-2]^	6.5	U	ug/L	1	6.5	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,4-Dimethylphenol [105-67-9]^	6.4	U	ug/L	1	6.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,4-Dinitrophenol [51-28-5]^	7.7	U	ug/L	1	7.7	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,4-Dinitrotoluene [SIM] [121-14-2]^	0.038	U	ug/L	1	0.038	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,6-Dichlorophenol [87-65-0]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2,6-Dinitrotoluene [606-20-2]^	2.9	U	ug/L	1	2.9	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Acetylaminofluorene [53-96-3]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Chloronaphthalene [91-58-7]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Chlorophenol [95-57-8]^	7.4	U	ug/L	1	7.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Methyl-4,6-dinitrophenol [534-52-1]^	6.0	U	ug/L	1	6.0	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Methylnaphthalene [91-57-6]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Methylphenol [95-48-7]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Naphthylamine [91-59-8]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2-Nitroaniline [88-74-4]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Nitrophenol [88-75-5]^	5.2	U	ug/L	1	5.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
3 & 4-Methylphenol [108-39-4/106-44-5]^	8.2	U	ug/L	1	8.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
3,3'-Dichlorobenzidine [91-94-1]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
3,3'-Dimethylbenzidine [119-93-7]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
3-Methylcholanthrene [56-49-5]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
3-Nitroaniline [99-09-2]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
4-Aminobiphenyl [92-67-1]^	2.6	U	ug/L	1	2.6	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
4-Bromophenyl-phenylether [101-55-3]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
4-Chloro-3-methylphenol [59-50-7]^	7.3	U	ug/L	1	7.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
4-Chloroaniline [106-47-8]^	4.3	U	ug/L	1	4.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
4-Chlorophenyl-phenylether [7005-72-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
4-Nitroaniline [100-01-6]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
4-Nitrophenol [100-02-7]^	7.9	U	ug/L	1	7.9	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
5-Nitro-o-toluidine [99-55-8]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
7,12-Dimethylbenz(a)anthracene [57-97-6]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Acenaphthene [83-32-9]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Acenaphthylene [208-96-8]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Acetophenone [98-86-2]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Anthracene [SIM] [120-12-7]^	0.021	U	ug/L	1	0.021	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Benzo(a)anthracene [SIM] [56-55-3]^	0.038	U	ug/L	1	0.038	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Benzo(a)pyrene [SIM] [50-32-8]^	0.042	U	ug/L	1	0.042	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Benzo(b)fluoranthene [SIM] [205-99-2]^	0.040	U	ug/L	1	0.040	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Benzo(g,h,i)perylene [SIM] [191-24-2]^	0.072	U	ug/L	1	0.072	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Benzo(k)fluoranthene [SIM] [207-08-9]^	0.043	U	ug/L	1	0.043	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Benzyl alcohol [100-51-6]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Bis(2-chloroethoxy)methane [111-91-1]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Bis(2-chloroethyl)ether [111-44-4]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Bis(2-chloroisopropyl)ether [108-60-1]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Bis(2-ethylhexyl)phthalate [117-81-7]^	3.5	U	ug/L	1	3.5	5.0	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Butylbenzylphthalate [85-68-7]^	5.1	U	ug/L	1	5.1	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Chlorobenzilate [SIM] [510-15-6]^	0.029	U	ug/L	1	0.029	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Chrysene [SIM] [218-01-9]^	0.086	U	ug/L	1	0.086	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Diallate [SIM] [2303-16-4]^	0.030	U	ug/L	1	0.030	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Dibenzo(a,h)anthracene [SIM] [53-70-3]^	0.051	U	ug/L	1	0.051	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Dibenzofuran [132-64-9]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Diethylphthalate [84-66-2]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Dimethoate [SIM] [60-51-5]^	0.043	U	ug/L	1	0.043	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Dimethylphthalate [131-11-3]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Di-n-butylphthalate [84-74-2]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Di-n-octylphthalate [117-84-0]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Disulfoton [SIM] [298-04-4]^	0.062	U	ug/L	1	0.062	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Ethyl methanesulfonate [62-50-0]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Famphur [SIM] [52-85-7]^	0.052	U	ug/L	1	0.052	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Fluoranthene [SIM] [206-44-0]^	0.092	U	ug/L	1	0.092	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Fluorene [86-73-7]^	2.9	U	ug/L	1	2.9	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	

ANALYTICAL RESULTS

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Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobenzene [SIM] [118-74-1]^	0.027	U	ug/L	1	0.027	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Hexachlorobutadiene [SIM] [87-68-3]^	0.045	U	ug/L	1	0.045	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	QV-01
Hexachlorocyclopentadiene [77-47-4]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Hexachloroethane [67-72-1]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Hexachloropropene [1888-71-7]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	QV-01
Indeno(1,2,3-cd)pyrene [SIM] [193-39-5]^	0.045	U	ug/L	1	0.045	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Isodrin [465-73-6]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Isophorone [78-59-1]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	QL-02
Isosafrole [120-58-1]^	2.6	U	ug/L	1	2.6	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Kepone [SIM] [143-50-0]^	3.3	U	ug/L	1	3.3	5.0	8D16001	EPA 8270D	04/19/18 14:57	jfi	QV-01
Methapyrilene [91-80-5]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Methyl Methanesulfonate [66-27-3]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Methyl Parathion [SIM] [298-00-0]^	0.061	U	ug/L	1	0.061	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Nitrobenzene [98-95-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
N-Nitrosodiethylamine [55-18-5]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
N-Nitrosodimethylamine [62-75-9]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
N-Nitrosodi-n-butylamine [924-16-3]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
N-Nitroso-di-n-propylamine [621-64-7]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	QV-01
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]^	5.4	U	ug/L	1	5.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
N-Nitrosomethylethylamine [10595-95-6]^	3.7	U	ug/L	1	3.7	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
N-Nitrosopiperidine [100-75-4]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
N-Nitrosopyrrolidine [930-55-2]^	4.2	U	ug/L	1	4.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
O,O,O-Triethyl phosphorothioate [126-68-1]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
o-Toluidine [95-53-4]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Parathion [56-38-2]^	1.2	U	ug/L	1	1.2	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
p-Dimethylaminoazobenzene [60-11-7]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Pentachlorobenzene [SIM] [608-93-5]^	0.034	U	ug/L	1	0.034	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Pentachloronitrobenzene [SIM] [82-68-8]^	0.047	U	ug/L	1	0.047	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Phenacetin [62-44-2]^	2.7	U	ug/L	1	2.7	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Phenanthrene [85-01-8]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Phenol [108-95-2]^	5.6	U	ug/L	1	5.6	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Phorate [SIM] [298-02-2]^	0.070	U	ug/L	1	0.070	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Pronamide [23950-58-5]^	4.3	U	ug/L	1	4.3	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Pyrene [SIM] [129-00-0]^	0.090	U	ug/L	1	0.090	0.10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Safrole [94-59-7]^	4.8	U	ug/L	1	4.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Thionazin [297-97-2]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 14:57	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,6-Tribromophenol	38	1	51.0	74 %	33-145	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Fluorobiphenyl	36	1	51.0	71 %	32-116	8D16001	EPA 8270D	04/19/18 14:57	jfi	
2-Fluorophenol	18	1	51.0	35 %	11-100	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Nitrobenzene-d5	35	1	51.0	69 %	24-107	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Phenol-d5	13	1	51.0	26 %	10-100	8D16001	EPA 8270D	04/19/18 14:57	jfi	
Terphenyl-d14	71	1	51.0	140 %	52-150	8D16001	EPA 8270D	04/19/18 14:57	jfi	

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
4,4'-DDE [72-55-9]^	0.036	U	ug/L	1	0.036	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
4,4'-DDT [50-29-3]^	0.025	U	ug/L	1	0.025	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Aldrin [309-00-2]^	0.032	U	ug/L	1	0.032	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
alpha-BHC [319-84-6]^	0.026	U	ug/L	1	0.026	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
beta-BHC [319-85-7]^	0.022	U	ug/L	1	0.022	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Chlordane (tech) [12789-03-6]^	0.36	U	ug/L	1	0.36	0.50	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Chlordane-alpha [5103-71-9]^	0.022	U	ug/L	1	0.022	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Chlordane-gamma [5103-74-2]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
delta-BHC [319-86-8]^	0.019	U	ug/L	1	0.019	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Endosulfan I [959-98-8]^	0.016	U	ug/L	1	0.016	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Endosulfan II [33213-65-9]^	0.017	U	ug/L	1	0.017	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Endosulfan sulfate [1031-07-8]^	0.016	U	ug/L	1	0.016	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Endrin [72-20-8]^	0.014	U	ug/L	1	0.014	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Endrin aldehyde [7421-93-4]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
gamma-BHC [58-89-9]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Heptachlor [76-44-8]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Heptachlor epoxide [1024-57-3]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Methoxychlor [72-43-5]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:28	JJB	
Toxaphene [8001-35-2]^	0.48	U	ug/L	1	0.48	0.50	8D11043	EPA 8081B	04/13/18 16:28	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	5.3	1	1.00	530 %	38-142	8D11043	EPA 8081B	04/13/18 16:28	JJB	QS-03
Decachlorobiphenyl	5.0	1	1.00	498 %	34-159	8D11043	EPA 8081B	04/13/18 16:28	JJB	QS-03

Polychlorinated Biphenyls by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9]^	0.49	U	ug/L	1	0.49	0.50	8D18007	EPA 8082A	04/18/18 12:43	JJB	
PCB-1221 [11104-28-2]^	0.46	U	ug/L	1	0.46	0.50	8D18007	EPA 8082A	04/18/18 12:43	JJB	
PCB-1232 [11141-16-5]^	0.47	U	ug/L	1	0.47	0.50	8D18007	EPA 8082A	04/18/18 12:43	JJB	
PCB-1248 [12672-29-6]^	0.49	U	ug/L	1	0.49	0.50	8D18007	EPA 8082A	04/18/18 12:43	JJB	
PCB-1254 [11097-69-1]^	0.50	U	ug/L	1	0.50	0.50	8D18007	EPA 8082A	04/18/18 12:43	JJB	
PCB-1260 [11096-82-5]^	0.48	U	ug/L	1	0.48	0.50	8D18007	EPA 8082A	04/18/18 12:43	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	0.98	1	1.02	96 %	38-142	8D18007	EPA 8082A	04/18/18 12:43	JJB	
Decachlorobiphenyl	0.99	1	1.02	97 %	34-159	8D18007	EPA 8082A	04/18/18 12:43	JJB	

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.28	U	ug/L	1	0.28	0.50	8D11044	EPA 8151A	04/13/18 19:01	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.44	U	ug/L	1	0.44	0.50	8D11044	EPA 8151A	04/13/18 19:01	RGG	
2,4-D [94-75-7]^	0.27	U	ug/L	1	0.27	0.50	8D11044	EPA 8151A	04/13/18 19:01	RGG	
Dinoseb [88-85-7]^	0.32	U	ug/L	1	0.32	0.50	8D11044	EPA 8151A	04/13/18 19:01	RGG	
Pentachlorophenol [87-86-5]^	0.19	U	ug/L	1	0.19	0.50	8D11044	EPA 8151A	04/13/18 19:01	RGG	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4-DCAA	1.7	1	2.00	87 %	37-134	8D11044	EPA 8151A	04/13/18 19:01	RGG	

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	8D17027	EPA 8011	04/17/18 17:40	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8D17027	EPA 8011	04/17/18 17:40	RGG	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	0.24	1	0.250	96 %	70-130	8D17027	EPA 8011	04/17/18 17:40	RGG	

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	8D12012	EPA 7470A	04/13/18 08:24	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	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Sodium [7440-23-5]^	0.320	U	mg/L	1	0.320	1.00	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Tin [7440-31-5]^	3.90	U	ug/L	1	3.90	50.0	8D11039	EPA 6020A	04/14/18 09:50	JMA	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8D11039	EPA 6020A	04/13/18 13:22	CRG	

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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	8D12026	EPA 350.1	04/12/18 11:33	kgonz	U
Chloride [16887-00-6]^	0.29	U	mg/L	1	0.29	5.0	8D12001	EPA 300.0	04/12/18 09:14	RSA	
Cyanide (total) [57-12-5]^	0.0067	U	mg/L	1	0.0067	0.010	8D16004	SM 4500CN E-199	04/17/18 12:14	SR	
Nitrate as N [14797-55-8]^	0.052	U	mg/L	1	0.052	1.0	8D12001	EPA 300.0	04/12/18 09:14	RSA	U
Sulfide [18496-25-8]	0.45	U	mg/L	1	0.45	1.0	8D18052	SM 4500S2 F-2000	04/18/18 20:40	AH	
Total Dissolved Solids^	10	U	mg/L	1	10	10	8D12034	SM 2540C-1997	04/13/18 21:32	AH	

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,1-Dichloropropene [563-58-6]^	0.74	U	ug/L	1	0.74	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,2,4-Trichlorobenzene [120-82-1]^	0.70	U	ug/L	1	0.70	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,3-Dichloropropane [142-28-9]^	0.60	U	ug/L	1	0.60	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
2,2-Dichloropropane [594-20-7]^	0.66	U	ug/L	1	0.66	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
3-Chloropropene [107-05-1]^	1.0	U	ug/L	1	1.0	2.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Acetonitrile [75-05-8]^	8.5	U	ug/L	1	8.5	10	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Acrolein [107-02-8]^	6.4	U	ug/L	1	6.4	10	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Chloroprene [126-99-8]^	0.66	U	ug/L	1	0.66	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Ethyl Methacrylate [97-63-2]^	0.54	U	ug/L	1	0.54	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Hexachlorobutadiene [87-68-3]^	0.70	U	ug/L	1	0.70	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Isobutyl alcohol [78-83-1]^	14	U	ug/L	1	14	50	8D13015	EPA 8260B	04/13/18 19:49	JAJ	QL-02
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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
Methacrylonitrile [126-98-7]^	1.4	U	ug/L	1	1.4	10	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Methyl Methacrylate [80-62-6]^	0.68	U	ug/L	1	0.68	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Naphthalene [91-20-3]^	0.82	U	ug/L	1	0.82	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Propionitrile [107-12-0]^	6.1	U	ug/L	1	6.1	10	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8D13015	EPA 8260B	04/13/18 19:49	JAJ	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	51	1	50.0	101 %	41-142	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Dibromofluoromethane	50	1	50.0	100 %	53-146	8D13015	EPA 8260B	04/13/18 19:49	JAJ	
Toluene-d8	49	1	50.0	99 %	41-146	8D13015	EPA 8260B	04/13/18 19:49	JAJ	

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,2,4,5-Tetrachlorobenzene [95-94-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
1,3,5-Trinitrobenzene [99-35-4]^	5.1	U	ug/L	1	5.1	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	QV-01
1,3-Dinitrobenzene [99-65-0]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
1,4-Naphthoquinone [130-15-4]^	4.7	U	ug/L	1	4.7	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
1,4-Phenylenediamine [106-50-3]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
1-Naphthylamine [134-32-7]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,3,4,6-Tetrachlorophenol [58-90-2]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,4,5-Trichlorophenol [95-95-4]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,4,6-Trichlorophenol [88-06-2]^	6.4	U	ug/L	1	6.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,4-Dichlorophenol [120-83-2]^	6.5	U	ug/L	1	6.5	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,4-Dimethylphenol [105-67-9]^	6.4	U	ug/L	1	6.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,4-Dinitrophenol [51-28-5]^	7.7	U	ug/L	1	7.7	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,4-Dinitrotoluene [SIM] [121-14-2]^	0.038	U	ug/L	1	0.038	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,6-Dichlorophenol [87-65-0]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2,6-Dinitrotoluene [606-20-2]^	2.9	U	ug/L	1	2.9	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Acetylaminofluorene [53-96-3]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Chloronaphthalene [91-58-7]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Chlorophenol [95-57-8]^	7.4	U	ug/L	1	7.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Methyl-4,6-dinitrophenol [534-52-1]^	6.0	U	ug/L	1	6.0	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Methylnaphthalene [91-57-6]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Methylphenol [95-48-7]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Naphthylamine [91-59-8]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2-Nitroaniline [88-74-4]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Nitrophenol [88-75-5]^	5.2	U	ug/L	1	5.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
3 & 4-Methylphenol [108-39-4/106-44-5]^	8.2	U	ug/L	1	8.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
3,3'-Dichlorobenzidine [91-94-1]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
3,3'-Dimethylbenzidine [119-93-7]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
3-Methylcholanthrene [56-49-5]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
3-Nitroaniline [99-09-2]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
4-Aminobiphenyl [92-67-1]^	2.6	U	ug/L	1	2.6	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
4-Bromophenyl-phenylether [101-55-3]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
4-Chloro-3-methylphenol [59-50-7]^	7.3	U	ug/L	1	7.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
4-Chloroaniline [106-47-8]^	4.3	U	ug/L	1	4.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
4-Chlorophenyl-phenylether [7005-72-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
4-Nitroaniline [100-01-6]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
4-Nitrophenol [100-02-7]^	7.9	U	ug/L	1	7.9	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
5-Nitro-o-toluidine [99-55-8]^	2.3	U	ug/L	1	2.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
7,12-Dimethylbenz(a)anthracene [57-97-6]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Acenaphthene [83-32-9]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Acenaphthylene [208-96-8]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Acetophenone [98-86-2]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Anthracene [SIM] [120-12-7]^	0.021	U	ug/L	1	0.021	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Benzo(a)anthracene [SIM] [56-55-3]^	0.038	U	ug/L	1	0.038	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Benzo(a)pyrene [SIM] [50-32-8]^	0.042	U	ug/L	1	0.042	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Benzo(b)fluoranthene [SIM] [205-99-2]^	0.040	U	ug/L	1	0.040	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Benzo(g,h,i)perylene [SIM] [191-24-2]^	0.072	U	ug/L	1	0.072	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Benzo(k)fluoranthene [SIM] [207-08-9]^	0.043	U	ug/L	1	0.043	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Benzyl alcohol [100-51-6]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Bis(2-chloroethoxy)methane [111-91-1]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Bis(2-chloroethyl)ether [111-44-4]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Bis(2-chloroisopropyl)ether [108-60-1]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Bis(2-ethylhexyl)phthalate [117-81-7]^	3.5	U	ug/L	1	3.5	5.0	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Butylbenzylphthalate [85-68-7]^	5.1	U	ug/L	1	5.1	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Chlorobenzilate [SIM] [510-15-6]^	0.029	U	ug/L	1	0.029	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Chrysene [SIM] [218-01-9]^	0.086	U	ug/L	1	0.086	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Diallate [SIM] [2303-16-4]^	0.030	U	ug/L	1	0.030	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Dibenzo(a,h)anthracene [SIM] [53-70-3]^	0.051	U	ug/L	1	0.051	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Dibenzofuran [132-64-9]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Diethylphthalate [84-66-2]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Dimethoate [SIM] [60-51-5]^	0.043	U	ug/L	1	0.043	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Dimethylphthalate [131-11-3]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Di-n-butylphthalate [84-74-2]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Di-n-octylphthalate [117-84-0]^	3.6	U	ug/L	1	3.6	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Disulfoton [SIM] [298-04-4]^	0.062	U	ug/L	1	0.062	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Ethyl methanesulfonate [62-50-0]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Famphur [SIM] [52-85-7]^	0.052	U	ug/L	1	0.052	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Fluoranthene [SIM] [206-44-0]^	0.092	U	ug/L	1	0.092	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Fluorene [86-73-7]^	2.9	U	ug/L	1	2.9	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobenzene [SIM] [118-74-1]^	0.027	U	ug/L	1	0.027	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Hexachlorobutadiene [SIM] [87-68-3]^	0.045	U	ug/L	1	0.045	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	QV-01
Hexachlorocyclopentadiene [77-47-4]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Hexachloroethane [67-72-1]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Hexachloropropene [1888-71-7]^	3.3	U	ug/L	1	3.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	QV-01
Indeno(1,2,3-cd)pyrene [SIM] [193-39-5]^	0.045	U	ug/L	1	0.045	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Isodrin [465-73-6]^	3.0	U	ug/L	1	3.0	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Isophorone [78-59-1]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	QL-02
Isosafrole [120-58-1]^	2.6	U	ug/L	1	2.6	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Kepone [SIM] [143-50-0]^	3.3	U	ug/L	1	3.3	5.0	8D16001	EPA 8270D	04/19/18 15:27	jfi	QV-01
Methapyrilene [91-80-5]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Methyl Methanesulfonate [66-27-3]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Methyl Parathion [SIM] [298-00-0]^	0.061	U	ug/L	1	0.061	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Nitrobenzene [98-95-3]^	3.2	U	ug/L	1	3.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
N-Nitrosodiethylamine [55-18-5]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
N-Nitrosodimethylamine [62-75-9]^	3.8	U	ug/L	1	3.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
N-Nitrosodi-n-butylamine [924-16-3]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
N-Nitroso-di-n-propylamine [621-64-7]^	4.5	U	ug/L	1	4.5	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	QV-01
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]^	5.4	U	ug/L	1	5.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
N-Nitrosomethylethylamine [10595-95-6]^	3.7	U	ug/L	1	3.7	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
N-Nitrosopiperidine [100-75-4]^	3.9	U	ug/L	1	3.9	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
N-Nitrosopyrrolidine [930-55-2]^	4.2	U	ug/L	1	4.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
O,O,O-Triethyl phosphorothioate [126-68-1]^	3.5	U	ug/L	1	3.5	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
o-Toluidine [95-53-4]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Parathion [56-38-2]^	1.2	U	ug/L	1	1.2	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
p-Dimethylaminoazobenzene [60-11-7]^	3.4	U	ug/L	1	3.4	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Pentachlorobenzene [SIM] [608-93-5]^	0.034	U	ug/L	1	0.034	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Pentachloronitrobenzene [SIM] [82-68-8]^	0.047	U	ug/L	1	0.047	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Phenacetin [62-44-2]^	2.7	U	ug/L	1	2.7	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Phenanthrene [85-01-8]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Phenol [108-95-2]^	5.6	U	ug/L	1	5.6	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Phorate [SIM] [298-02-2]^	0.070	U	ug/L	1	0.070	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Pronamide [23950-58-5]^	4.3	U	ug/L	1	4.3	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Pyrene [SIM] [129-00-0]^	0.090	U	ug/L	1	0.090	0.10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Safrole [94-59-7]^	4.8	U	ug/L	1	4.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Thionazin [297-97-2]^	2.8	U	ug/L	1	2.8	10	8D16001	EPA 8270D	04/19/18 15:27	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,6-Tribromophenol	35	1	50.0	69 %	33-145	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Fluorobiphenyl	40	1	50.0	81 %	32-116	8D16001	EPA 8270D	04/19/18 15:27	jfi	
2-Fluorophenol	19	1	50.0	39 %	11-100	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Nitrobenzene-d5	38	1	50.0	75 %	24-107	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Phenol-d5	15	1	50.0	30 %	10-100	8D16001	EPA 8270D	04/19/18 15:27	jfi	
Terphenyl-d14	61	1	50.0	123 %	52-150	8D16001	EPA 8270D	04/19/18 15:27	jfi	

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
4,4'-DDE [72-55-9]^	0.036	U	ug/L	1	0.036	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
4,4'-DDT [50-29-3]^	0.025	U	ug/L	1	0.025	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Aldrin [309-00-2]^	0.032	U	ug/L	1	0.032	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
alpha-BHC [319-84-6]^	0.026	U	ug/L	1	0.026	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
beta-BHC [319-85-7]^	0.022	U	ug/L	1	0.022	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Chlordane (tech) [12789-03-6]^	0.36	U	ug/L	1	0.36	0.50	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Chlordane-alpha [5103-71-9]^	0.022	U	ug/L	1	0.022	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Chlordane-gamma [5103-74-2]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
delta-BHC [319-86-8]^	0.019	U	ug/L	1	0.019	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Endosulfan I [959-98-8]^	0.016	U	ug/L	1	0.016	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Endosulfan II [33213-65-9]^	0.017	U	ug/L	1	0.017	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Endosulfan sulfate [1031-07-8]^	0.016	U	ug/L	1	0.016	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Endrin [72-20-8]^	0.014	U	ug/L	1	0.014	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Endrin aldehyde [7421-93-4]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
gamma-BHC [58-89-9]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Heptachlor [76-44-8]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Heptachlor epoxide [1024-57-3]^	0.018	U	ug/L	1	0.018	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Methoxychlor [72-43-5]^	0.020	U	ug/L	1	0.020	0.050	8D11043	EPA 8081B	04/13/18 16:41	JJB	
Toxaphene [8001-35-2]^	0.48	U	ug/L	1	0.48	0.50	8D11043	EPA 8081B	04/13/18 16:41	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	5.7	1	1.00	570 %	38-142	8D11043	EPA 8081B	04/13/18 16:41	JJB	QS-03
Decachlorobiphenyl	5.1	1	1.00	506 %	34-159	8D11043	EPA 8081B	04/13/18 16:41	JJB	QS-03

Polychlorinated Biphenyls by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9]^	0.49	U	ug/L	1	0.49	0.50	8D18007	EPA 8082A	04/18/18 12:55	JJB	
PCB-1221 [11104-28-2]^	0.46	U	ug/L	1	0.46	0.50	8D18007	EPA 8082A	04/18/18 12:55	JJB	
PCB-1232 [11141-16-5]^	0.47	U	ug/L	1	0.47	0.50	8D18007	EPA 8082A	04/18/18 12:55	JJB	
PCB-1248 [12672-29-6]^	0.49	U	ug/L	1	0.49	0.50	8D18007	EPA 8082A	04/18/18 12:55	JJB	
PCB-1254 [11097-69-1]^	0.50	U	ug/L	1	0.50	0.50	8D18007	EPA 8082A	04/18/18 12:55	JJB	
PCB-1260 [11096-82-5]^	0.48	U	ug/L	1	0.48	0.50	8D18007	EPA 8082A	04/18/18 12:55	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	0.98	1	1.00	98 %	38-142	8D18007	EPA 8082A	04/18/18 12:55	JJB	
Decachlorobiphenyl	0.98	1	1.00	98 %	34-159	8D18007	EPA 8082A	04/18/18 12:55	JJB	

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.28	U	ug/L	1	0.28	0.50	8D11044	EPA 8151A	04/13/18 19:26	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.44	U	ug/L	1	0.44	0.50	8D11044	EPA 8151A	04/13/18 19:26	RGG	
2,4-D [94-75-7]^	0.27	U	ug/L	1	0.27	0.50	8D11044	EPA 8151A	04/13/18 19:26	RGG	
Dinoseb [88-85-7]^	0.32	U	ug/L	1	0.32	0.50	8D11044	EPA 8151A	04/13/18 19:26	RGG	
Pentachlorophenol [87-86-5]^	0.19	U	ug/L	1	0.19	0.50	8D11044	EPA 8151A	04/13/18 19:26	RGG	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4-DCAA	2.2	1	2.00	109 %	37-134	8D11044	EPA 8151A	04/13/18 19:26	RGG	

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	8D17027	EPA 8011	04/17/18 17:56	RGG	
1,2-Dibromoethane [106-93-4]^	0.004	U	ug/L	1	0.004	0.020	8D17027	EPA 8011	04/17/18 17:56	RGG	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane	0.24	1	0.250	96 %	70-130	8D17027	EPA 8011	04/17/18 17:56	RGG	

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	8D12012	EPA 7470A	04/13/18 08:08	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	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Cadmium [7440-43-9]^	0.900	U	ug/L	1	0.900	3.00	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Sodium [7440-23-5]^	4.85		mg/L	1	0.320	1.00	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Tin [7440-31-5]^	3.90	U	ug/L	1	3.90	50.0	8D11039	EPA 6020A	04/14/18 09:44	JMA	
Vanadium [7440-62-2]^	5.01	I	ug/L	1	2.00	10.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	8D11039	EPA 6020A	04/13/18 13:29	CRG	

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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	8D12026	EPA 350.1	04/12/18 11:34	kgonz	U
Chloride [16887-00-6]^	4.0	I	mg/L	1	0.29	5.0	8D12001	EPA 300.0	04/12/18 10:53	RSA	
Cyanide (total) [57-12-5]^	0.0067	U	mg/L	1	0.0067	0.010	8D16004	SM 4500CN E-199	04/17/18 12:14	SR	
Nitrate as N [14797-55-8]^	0.49	I	mg/L	1	0.052	1.0	8D12001	EPA 300.0	04/12/18 10:53	RSA	J
Sulfide [18496-25-8]	0.58	I	mg/L	1	0.45	1.0	8D18052	SM 4500S2 F-2000	04/18/18 20:40	AH	
Total Dissolved Solids^	230		mg/L	1	10	10	8D12034	SM 2540C-1997	04/13/18 21:32	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Depth to Water	26.88		Ft	1			8D23003	Field	04/11/18 14:58	DMC	
Dissolved Oxygen	1.64		mg/L	1	0	0	8D23003	Field	04/11/18 14:58	DMC	
pH	7		pH Units	1			8D23003	Field	04/11/18 14:58	DMC	
Specific Conductance (EC)	356		umhos/cm	1	0	0	8D23003	Field	04/11/18 14:58	DMC	
Temperature	23.95		°C	1	0	0	8D23003	Field	04/11/18 14:58	DMC	
Turbidity	0.5		NTU	1	0	0	8D23003	Field	04/11/18 14:58	DMC	

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AB02092-04

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 00:00

Work Order: AB02092

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

Sampled By: Enco

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	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,1-Dichloropropene [563-58-6]^	0.74	U	ug/L	1	0.74	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,2,4-Trichlorobenzene [120-82-1]^	0.70	U	ug/L	1	0.70	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,3-Dichloropropane [142-28-9]^	0.60	U	ug/L	1	0.60	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
2,2-Dichloropropane [594-20-7]^	0.66	U	ug/L	1	0.66	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
3-Chloropropene [107-05-1]^	1.0	U	ug/L	1	1.0	2.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Acetonitrile [75-05-8]^	8.5	U	ug/L	1	8.5	10	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Acrolein [107-02-8]^	6.4	U	ug/L	1	6.4	10	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Chloroprene [126-99-8]^	0.66	U	ug/L	1	0.66	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Ethyl Methacrylate [97-63-2]^	0.54	U	ug/L	1	0.54	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Hexachlorobutadiene [87-68-3]^	0.70	U	ug/L	1	0.70	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Isobutyl alcohol [78-83-1]^	14	U	ug/L	1	14	50	8D13030	EPA 8260B	04/14/18 05:12	JAJ	QL-02
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AB02092-04

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 00:00

Work Order: AB02092

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

Sampled By: Enco

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
Methacrylonitrile [126-98-7]^	1.4	U	ug/L	1	1.4	10	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Methyl Methacrylate [80-62-6]^	0.68	U	ug/L	1	0.68	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Naphthalene [91-20-3]^	0.82	U	ug/L	1	0.82	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Propionitrile [107-12-0]^	6.1	U	ug/L	1	6.1	10	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8D13030	EPA 8260B	04/14/18 05:12	JAJ	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	51	1	50.0	102 %	41-142	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Dibromofluoromethane	55	1	50.0	110 %	53-146	8D13030	EPA 8260B	04/14/18 05:12	JAJ	
Toluene-d8	52	1	50.0	105 %	41-146	8D13030	EPA 8260B	04/14/18 05:12	JAJ	

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AB02092-05

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 00:00

Work Order: AB02092

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

Sampled By: Enco

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	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,1-Dichloropropene [563-58-6]^	0.74	U	ug/L	1	0.74	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,2,4-Trichlorobenzene [120-82-1]^	0.70	U	ug/L	1	0.70	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,3-Dichlorobenzene [541-73-1]^	0.77	U	ug/L	1	0.77	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,3-Dichloropropane [142-28-9]^	0.60	U	ug/L	1	0.60	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
2,2-Dichloropropane [594-20-7]^	0.66	U	ug/L	1	0.66	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
3-Chloropropene [107-05-1]^	1.0	U	ug/L	1	1.0	2.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Acetonitrile [75-05-8]^	8.5	U	ug/L	1	8.5	10	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Acrolein [107-02-8]^	6.4	U	ug/L	1	6.4	10	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Chloroprene [126-99-8]^	0.66	U	ug/L	1	0.66	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Dichlorodifluoromethane [75-71-8]^	0.74	U	ug/L	1	0.74	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Ethyl Methacrylate [97-63-2]^	0.54	U	ug/L	1	0.54	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Hexachlorobutadiene [87-68-3]^	0.70	U	ug/L	1	0.70	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	5.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Isobutyl alcohol [78-83-1]^	14	U	ug/L	1	14	50	8D13030	EPA 8260B	04/14/18 05:41	JAJ	QL-02
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AB02092-05

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 00:00

Work Order: AB02092

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

Sampled By: Enco

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
Methacrylonitrile [126-98-7]^	1.4	U	ug/L	1	1.4	10	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Methyl Methacrylate [80-62-6]^	0.68	U	ug/L	1	0.68	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Methylene chloride [75-09-2]^	2.0	U	ug/L	1	2.0	5.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Naphthalene [91-20-3]^	0.82	U	ug/L	1	0.82	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Propionitrile [107-12-0]^	6.1	U	ug/L	1	6.1	10	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	5.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	8D13030	EPA 8260B	04/14/18 05:41	JAJ	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	50	1	50.0	100 %	41-142	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Dibromofluoromethane	50	1	50.0	100 %	53-146	8D13030	EPA 8260B	04/14/18 05:41	JAJ	
Toluene-d8	50	1	50.0	101 %	41-146	8D13030	EPA 8260B	04/14/18 05:41	JAJ	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13015 - EPA 5030B_MS

Blank (8D13015-BLK1)

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 10:47

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							
1,1-Dichloroethane	0.62	U	1.0	ug/L							
1,1-Dichloroethene	0.94	U	1.0	ug/L							
1,1-Dichloropropene	0.74	U	1.0	ug/L							
1,2,3-Trichloropropane	0.64	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.70	U	1.0	ug/L							
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							
1,2-Dichloroethane	0.63	U	1.0	ug/L							
1,2-Dichloropropane	0.80	U	1.0	ug/L							
1,3-Dichlorobenzene	0.77	U	1.0	ug/L							
1,3-Dichloropropane	0.60	U	1.0	ug/L							
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							
2,2-Dichloropropane	0.66	U	1.0	ug/L							
2-Butanone	4.5	U	5.0	ug/L							
2-Hexanone	1.4	U	5.0	ug/L							
3-Chloropropene	1.0	U	2.0	ug/L							
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							
Acetone	10	U	20	ug/L							
Acetonitrile	8.5	U	10	ug/L							
Acrolein	6.4	U	10	ug/L							
Acrylonitrile	3.2	U	10	ug/L							
Benzene	0.71	U	1.0	ug/L							
Bromochloromethane	0.94	U	1.0	ug/L							
Bromodichloromethane	0.52	U	1.0	ug/L							
Bromoform	0.75	U	1.0	ug/L							
Bromomethane	0.95	U	1.0	ug/L							
Carbon disulfide	2.6	U	5.0	ug/L							
Carbon tetrachloride	0.94	U	1.0	ug/L							
Chlorobenzene	0.72	U	1.0	ug/L							
Chloroethane	0.98	U	1.0	ug/L							
Chloroform	0.80	U	1.0	ug/L							
Chloromethane	0.82	U	1.0	ug/L							
Chloroprene	0.66	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							
Dibromochloromethane	0.44	U	1.0	ug/L							
Dibromomethane	0.84	U	1.0	ug/L							
Dichlorodifluoromethane	0.74	U	1.0	ug/L							
Ethyl Methacrylate	0.54	U	1.0	ug/L							
Ethylbenzene	0.69	U	1.0	ug/L							
Hexachlorobutadiene	0.70	U	1.0	ug/L							
Iodomethane	0.72	U	5.0	ug/L							
Isobutyl alcohol	14	U	50	ug/L							
m,p-Xylenes	1.3	U	2.0	ug/L							
Methacrylonitrile	1.4	U	10	ug/L							
Methyl Methacrylate	0.68	U	1.0	ug/L							

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13015 - EPA 5030B_MS - Continued

Blank (8D13015-BLK1) Continued

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 10:47

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Methylene chloride	2.0	U	5.0	ug/L							
Naphthalene	0.82	U	1.0	ug/L							
o-Xylene	0.53	U	1.0	ug/L							
Propionitrile	6.1	U	10	ug/L							
Styrene	0.61	U	1.0	ug/L							
Tetrachloroethene	0.76	U	1.0	ug/L							
Toluene	0.72	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							
Trichloroethene	0.89	U	1.0	ug/L							
Trichlorofluoromethane	0.94	U	1.0	ug/L							
Vinyl acetate	0.60	U	5.0	ug/L							
Vinyl chloride	0.71	U	1.0	ug/L							
Xylenes (Total)	1.3	U	2.0	ug/L							
4-Bromofluorobenzene	49			ug/L	50.0		99	41-142			
Dibromofluoromethane	49			ug/L	50.0		98	53-146			
Toluene-d8	50			ug/L	50.0		99	41-146			

LCS (8D13015-BS1)

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 09:18

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	20		1.0	ug/L	20.0		99	56-136			
Chlorobenzene	17		1.0	ug/L	20.0		85	51-139			
Toluene	17		1.0	ug/L	20.0		85	64-131			
Trichloroethene	17		1.0	ug/L	20.0		85	62-135			
4-Bromofluorobenzene	49			ug/L	50.0		97	41-142			
Dibromofluoromethane	48			ug/L	50.0		96	53-146			
Toluene-d8	51			ug/L	50.0		101	41-146			

Matrix Spike (8D13015-MS1)

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 12:54

Source: AB02598-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	1100		100	ug/L	2000	94 U	57	47-139			QM-11
Benzene	1300		100	ug/L	2000	71 U	65	56-136			QM-11
Chlorobenzene	1100		100	ug/L	2000	72 U	56	51-139			QM-11
Toluene	1100		100	ug/L	2000	72 U	57	64-131			QM-11, QM-07
Trichloroethene	1200		100	ug/L	2000	89 U	58	62-135			QM-07, QM-11
4-Bromofluorobenzene	5000			ug/L	5000		101	41-142			
Dibromofluoromethane	5000			ug/L	5000		100	53-146			
Toluene-d8	5000			ug/L	5000		99	41-146			

Matrix Spike Dup (8D13015-MSD1)

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 13:24

Source: AB02598-01

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

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13015 - EPA 5030B_MS - Continued

Matrix Spike Dup (8D13015-MSD1) Continued

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 13:24

Source: AB02598-01

Analyte	Result	Flaq	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	2700		100	ug/L	2000	94 U	137	47-139	82	16	QM-11
Benzene	3000		100	ug/L	2000	71 U	149	56-136	78	14	QM-11, QM-07
Chlorobenzene	2600		100	ug/L	2000	72 U	129	51-139	79	13	QM-11
Toluene	2500		100	ug/L	2000	72 U	126	64-131	75	16	QM-11
Trichloroethene	2600		100	ug/L	2000	89 U	131	62-135	78	20	QM-11
4-Bromofluorobenzene	5000			ug/L	5000		99	41-142			
Dibromofluoromethane	4900			ug/L	5000		99	53-146			
Toluene-d8	5100			ug/L	5000		103	41-146			

Batch 8D13030 - EPA 5030B_MS

Blank (8D13030-BLK1)

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 23:46

Analyte	Result	Flaq	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							
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							
1,1-Dichloroethane	0.62	U	1.0	ug/L							
1,1-Dichloroethene	0.94	U	1.0	ug/L							
1,1-Dichloropropene	0.74	U	1.0	ug/L							
1,2,3-Trichloropropane	0.64	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.70	U	1.0	ug/L							
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							
1,2-Dichloroethane	0.63	U	1.0	ug/L							
1,2-Dichloropropane	0.80	U	1.0	ug/L							
1,3-Dichlorobenzene	0.77	U	1.0	ug/L							
1,3-Dichloropropane	0.60	U	1.0	ug/L							
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							
2,2-Dichloropropane	0.66	U	1.0	ug/L							
2-Butanone	4.5	U	5.0	ug/L							
2-Hexanone	1.4	U	5.0	ug/L							
3-Chloropropene	1.0	U	2.0	ug/L							
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							
Acetone	10	U	20	ug/L							
Acetonitrile	8.5	U	10	ug/L							
Acrolein	6.4	U	10	ug/L							
Acrylonitrile	3.2	U	10	ug/L							
Benzene	0.71	U	1.0	ug/L							
Bromochloromethane	0.94	U	1.0	ug/L							
Bromodichloromethane	0.52	U	1.0	ug/L							
Bromoform	0.75	U	1.0	ug/L							
Bromomethane	0.95	U	1.0	ug/L							
Carbon disulfide	2.6	U	5.0	ug/L							
Carbon tetrachloride	0.94	U	1.0	ug/L							
Chlorobenzene	0.72	U	1.0	ug/L							
Chloroethane	0.98	U	1.0	ug/L							
Chloroform	0.80	U	1.0	ug/L							

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13030 - EPA 5030B_MS - Continued

Blank (8D13030-BLK1) Continued

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 23:46

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloromethane	0.82	U	1.0	ug/L							
Chloroprene	0.66	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							
Dibromochloromethane	0.44	U	1.0	ug/L							
Dibromomethane	0.84	U	1.0	ug/L							
Dichlorodifluoromethane	0.74	U	1.0	ug/L							
Ethyl Methacrylate	0.54	U	1.0	ug/L							
Ethylbenzene	0.69	U	1.0	ug/L							
Hexachlorobutadiene	0.70	U	1.0	ug/L							
Iodomethane	0.72	U	5.0	ug/L							
Isobutyl alcohol	14	U	50	ug/L							
m,p-Xylenes	1.3	U	2.0	ug/L							
Methacrylonitrile	1.4	U	10	ug/L							
Methyl Methacrylate	0.68	U	1.0	ug/L							
Methylene chloride	2.0	U	5.0	ug/L							
Naphthalene	0.82	U	1.0	ug/L							
o-Xylene	0.53	U	1.0	ug/L							
Propionitrile	6.1	U	10	ug/L							
Styrene	0.61	U	1.0	ug/L							
Tetrachloroethene	0.76	U	1.0	ug/L							
Toluene	0.72	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							
Trichloroethene	0.89	U	1.0	ug/L							
Trichlorofluoromethane	0.94	U	1.0	ug/L							
Vinyl acetate	0.60	U	5.0	ug/L							
Vinyl chloride	0.71	U	1.0	ug/L							
Xylenes (Total)	1.3	U	2.0	ug/L							
4-Bromofluorobenzene	49			ug/L	50.0		98	41-142			
Dibromofluoromethane	49			ug/L	50.0		99	53-146			
Toluene-d8	50			ug/L	50.0		101	41-146			

LCS (8D13030-BS1)

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 21:18

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0		99	47-139			
Benzene	24		1.0	ug/L	20.0		118	56-136			
Chlorobenzene	21		1.0	ug/L	20.0		103	51-139			
Toluene	21		1.0	ug/L	20.0		105	64-131			
Trichloroethene	21		1.0	ug/L	20.0		105	62-135			
4-Bromofluorobenzene	50			ug/L	50.0		99	41-142			
Dibromofluoromethane	50			ug/L	50.0		100	53-146			
Toluene-d8	50			ug/L	50.0		101	41-146			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13030 - EPA 5030B_MS - Continued

Matrix Spike (8D13030-MS1)

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 21:48

Source: AB02266-01

Analyte	Result	Flag	POL	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	111	47-139			
Benzene	25		1.0	ug/L	20.0	0.71 U	127	56-136			
Chlorobenzene	21		1.0	ug/L	20.0	0.72 U	107	51-139			
Toluene	22		1.0	ug/L	20.0	0.72 U	109	64-131			
Trichloroethene	23		1.0	ug/L	20.0	0.89 U	115	62-135			
4-Bromofluorobenzene	49			ug/L	50.0		97	41-142			
Dibromofluoromethane	50			ug/L	50.0		99	53-146			
Toluene-d8	50			ug/L	50.0		100	41-146			

Matrix Spike Dup (8D13030-MSD1)

Prepared: 04/13/2018 00:00 Analyzed: 04/13/2018 22:17

Source: AB02266-01

Analyte	Result	Flag	POL	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	108	47-139	3	16	
Benzene	25		1.0	ug/L	20.0	0.71 U	127	56-136	0.08	14	
Chlorobenzene	22		1.0	ug/L	20.0	0.72 U	109	51-139	2	13	
Toluene	22		1.0	ug/L	20.0	0.72 U	110	64-131	0.5	16	
Trichloroethene	23		1.0	ug/L	20.0	0.89 U	116	62-135	0.5	20	
4-Bromofluorobenzene	51			ug/L	50.0		101	41-142			
Dibromofluoromethane	50			ug/L	50.0		100	53-146			
Toluene-d8	51			ug/L	50.0		102	41-146			

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8D16001 - EPA 3510C_MS

Blank (8D16001-BLK1)

Prepared: 04/16/2018 07:50 Analyzed: 04/18/2018 15:20

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4,5-Tetrachlorobenzene	3.2	U	10	ug/L							
1,3,5-Trinitrobenzene	5.1	U	10	ug/L							
1,3-Dinitrobenzene	3.6	U	10	ug/L							
1,4-Naphthoquinone	4.7	U	10	ug/L							
1,4-Phenylenediamine	3.3	U	10	ug/L							
1-Naphthylamine	2.3	U	10	ug/L							
2,3,4,6-Tetrachlorophenol	3.4	U	10	ug/L							
2,4,5-Trichlorophenol	3.9	U	10	ug/L							
2,4,6-Trichlorophenol	6.4	U	10	ug/L							
2,4-Dichlorophenol	6.5	U	10	ug/L							
2,4-Dimethylphenol	6.4	U	10	ug/L							
2,4-Dinitrophenol	7.7	U	10	ug/L							
2,4-Dinitrotoluene [SIM]	0.038	U	0.10	ug/L							
2,6-Dichlorophenol	3.8	U	10	ug/L							
2,6-Dinitrotoluene	2.9	U	10	ug/L							
2-Acetylaminofluorene	3.9	U	10	ug/L							
2-Chloronaphthalene	3.2	U	10	ug/L							
2-Chlorophenol	7.4	U	10	ug/L							
2-Methyl-4,6-dinitrophenol	6.0	U	10	ug/L							
2-Methylnaphthalene	3.8	U	10	ug/L							
2-Methylphenol	3.5	U	10	ug/L							

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8D16001 - EPA 3510C_MS - Continued

Blank (8D16001-BLK1) Continued

Prepared: 04/16/2018 07:50 Analyzed: 04/18/2018 15:20

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2-Naphthylamine	2.3	U	10	ug/L							
2-Nitroaniline	3.3	U	10	ug/L							
2-Nitrophenol	5.2	U	10	ug/L							
3 & 4-Methylphenol	8.2	U	10	ug/L							
3,3'-Dichlorobenzidine	3.3	U	10	ug/L							
3,3'-Dimethylbenzidine	3.6	U	10	ug/L							
3-Methylcholanthrene	3.0	U	10	ug/L							
3-Nitroaniline	3.3	U	10	ug/L							
4-Aminobiphenyl	2.6	U	10	ug/L							
4-Bromophenyl-phenylether	3.3	U	10	ug/L							
4-Chloro-3-methylphenol	7.3	U	10	ug/L							
4-Chloroaniline	4.3	U	10	ug/L							
4-Chlorophenyl-phenylether	3.2	U	10	ug/L							
4-Nitroaniline	3.2	U	10	ug/L							
4-Nitrophenol	7.9	U	10	ug/L							
5-Nitro-o-toluidine	2.3	U	10	ug/L							
7,12-Dimethylbenz(a)anthracene	3.3	U	10	ug/L							
Acenaphthene	3.0	U	10	ug/L							
Acenaphthylene	3.3	U	10	ug/L							
Acetophenone	3.8	U	10	ug/L							
Anthracene [SIM]	0.021	U	0.10	ug/L							
Benzo(a)anthracene [SIM]	0.038	U	0.10	ug/L							
Benzo(a)pyrene [SIM]	0.042	U	0.10	ug/L							
Benzo(b)fluoranthene [SIM]	0.040	U	0.10	ug/L							
Benzo(g,h,i)perylene [SIM]	0.072	U	0.10	ug/L							
Benzo(k)fluoranthene [SIM]	0.043	U	0.10	ug/L							
Benzyl alcohol	3.9	U	10	ug/L							
Bis(2-chloroethoxy)methane	3.3	U	10	ug/L							
Bis(2-chloroethyl)ether	3.8	U	10	ug/L							
Bis(2-chloroisopropyl)ether	3.5	U	10	ug/L							
Bis(2-ethylhexyl)phthalate	3.5	U	5.0	ug/L							
Butylbenzylphthalate	5.1	U	10	ug/L							
Chlorobenzilate [SIM]	0.029	U	0.10	ug/L							
Chrysene [SIM]	0.086	U	0.10	ug/L							
Diallate [SIM]	0.030	U	0.10	ug/L							
Dibenzo(a,h)anthracene [SIM]	0.051	U	0.10	ug/L							
Dibenzofuran	2.8	U	10	ug/L							
Diethylphthalate	3.0	U	10	ug/L							
Dimethoate [SIM]	0.043	U	0.10	ug/L							
Dimethylphthalate	3.0	U	10	ug/L							
Di-n-butylphthalate	3.2	U	10	ug/L							
Di-n-octylphthalate	3.6	U	10	ug/L							
Disulfoton [SIM]	0.062	U	0.10	ug/L							
Ethyl methanesulfonate	3.3	U	10	ug/L							
Famphur [SIM]	0.052	U	0.10	ug/L							
Fluoranthene [SIM]	0.092	U	0.10	ug/L							
Fluorene	2.9	U	10	ug/L							
Hexachlorobenzene [SIM]	0.027	U	0.10	ug/L							
Hexachlorobutadiene [SIM]	0.045	U	0.10	ug/L							

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8D16001 - EPA 3510C_MS - Continued

Blank (8D16001-BLK1) Continued

Prepared: 04/16/2018 07:50 Analyzed: 04/18/2018 15:20

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Hexachlorocyclopentadiene	3.8	U	10	ug/L							
Hexachloroethane	3.0	U	10	ug/L							
Hexachloropropene	3.3	U	10	ug/L							
Indeno(1,2,3-cd)pyrene [SIM]	0.045	U	0.10	ug/L							
Isodrin	3.0	U	10	ug/L							
Isophorone	4.5	U	10	ug/L							
Isosafrole	2.6	U	10	ug/L							
Kepone [SIM]	3.3	U	5.0	ug/L							
Methapyriline	3.4	U	10	ug/L							
Methyl Methanesulfonate	3.4	U	10	ug/L							
Methyl Parathion [SIM]	0.061	U	0.10	ug/L							
Nitrobenzene	3.2	U	10	ug/L							
N-Nitrosodiethylamine	3.9	U	10	ug/L							
N-Nitrosodimethylamine	3.8	U	10	ug/L							
N-Nitrosodi-n-butylamine	4.5	U	10	ug/L							
N-Nitroso-di-n-propylamine	4.5	U	10	ug/L							
N-nitrosodiphenylamine/Diphenylamine	5.4	U	10	ug/L							
N-Nitrosomethylethylamine	3.7	U	10	ug/L							
N-Nitrosopiperidine	3.9	U	10	ug/L							
N-Nitrosopyrrolidine	4.2	U	10	ug/L							
O,O,O-Triethyl phosphorothioate	3.5	U	10	ug/L							
o-Toluidine	3.4	U	10	ug/L							
Parathion	1.2	U	10	ug/L							
p-Dimethylaminoazobenzene	3.4	U	10	ug/L							
Pentachlorobenzene [SIM]	0.034	U	0.10	ug/L							
Pentachloronitrobenzene [SIM]	0.047	U	0.10	ug/L							
Phenacetin	2.7	U	10	ug/L							
Phenanthrene	2.8	U	10	ug/L							
Phenol	5.6	U	10	ug/L							
Phorate [SIM]	0.070	U	0.10	ug/L							
Pronamide	4.3	U	10	ug/L							
Pyrene [SIM]	0.090	U	0.10	ug/L							
Safrole	4.8	U	10	ug/L							
Thionazin	2.8	U	10	ug/L							
2,4,6-Tribromophenol	47			ug/L	50.0		94	33-145			
2-Fluorobiphenyl	57			ug/L	50.0		115	32-116			
2-Fluorophenol	28			ug/L	50.0		56	11-100			
Nitrobenzene-d5	50			ug/L	50.0		100	24-107			
Phenol-d5	20			ug/L	50.0		39	10-100			
Terphenyl-d14	68			ug/L	50.0		136	52-150			

LCS (8D16001-BS1)

Prepared: 04/16/2018 07:50 Analyzed: 04/18/2018 16:20

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4-Dinitrotoluene	53		10	ug/L	50.0		106	52-158			
2-Chlorophenol	37		10	ug/L	50.0		75	17-110			
4-Chloro-3-methylphenol	49		10	ug/L	50.0		97	35-131			
4-Nitrophenol	23		10	ug/L	50.0		46	10-94			
Acenaphthene	51		10	ug/L	50.0		101	52-130			

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8D16001 - EPA 3510C_MS - Continued

LCS (8D16001-BS1) Continued

Prepared: 04/16/2018 07:50 Analyzed: 04/18/2018 16:20

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
N-Nitroso-di-n-propylamine	53		10	ug/L	50.0		105	26-135			
Phenol	26		10	ug/L	50.0		52	10-60			
Pyrene	60		10	ug/L	50.0		121	53-148			
2,4,6-Tribromophenol	50			ug/L	50.0		101	33-145			
2-Fluorobiphenyl	52			ug/L	50.0		104	32-116			
2-Fluorophenol	29			ug/L	50.0		57	11-100			
Nitrobenzene-d5	43			ug/L	50.0		87	24-107			
Phenol-d5	25			ug/L	50.0		51	10-100			
Terphenyl-d14	67			ug/L	50.0		135	52-150			

Matrix Spike (8D16001-MS1)

Prepared: 04/16/2018 07:50 Analyzed: 04/18/2018 16:49

Source: AB02598-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4-Dinitrotoluene	39	I	50	ug/L	50.0	16 U	78	52-158			
2-Chlorophenol	27	I	50	ug/L	50.0	0.0 U	55	17-110			
4-Chloro-3-methylphenol	37	I	50	ug/L	50.0	36 U	73	35-131			
4-Nitrophenol	14	I	50	ug/L	50.0	0.0 U	28	10-94			
Acenaphthene	33	I	50	ug/L	50.0	15 U	66	22-130			
N-Nitroso-di-n-propylamine	42	I	50	ug/L	50.0	22 U	85	26-135			
Phenol	17	I	50	ug/L	50.0	0.0 U	34	10-60			
Pyrene	39	I	50	ug/L	50.0	20 U	79	53-148			
2,4,6-Tribromophenol	33	I		ug/L	50.0		67	33-145			
2-Fluorobiphenyl	36	I		ug/L	50.0		72	32-116			
2-Fluorophenol	20	I		ug/L	50.0		40	11-100			
Nitrobenzene-d5	40	I		ug/L	50.0		81	24-107			
Phenol-d5	15	I		ug/L	50.0		30	10-100			
Terphenyl-d14	41	I		ug/L	50.0		82	52-150			

Matrix Spike Dup (8D16001-MSD1)

Prepared: 04/16/2018 07:50 Analyzed: 04/18/2018 17:19

Source: AB02598-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4-Dinitrotoluene	47	I	50	ug/L	50.0	16 U	93	52-158		18	
2-Chlorophenol	35	I	50	ug/L	50.0	0.0 U	69	17-110		16	
4-Chloro-3-methylphenol	46	I	50	ug/L	50.0	36 U	92	35-131		16	
4-Nitrophenol	17	I	50	ug/L	50.0	0.0 U	34	10-94		15	
Acenaphthene	40	I	50	ug/L	50.0	15 U	80	22-130		18	
N-Nitroso-di-n-propylamine	62		50	ug/L	50.0	22 U	124	26-135		18	
Phenol	22	I	50	ug/L	50.0	0.0 U	43	10-60		9	
Pyrene	45	I	50	ug/L	50.0	20 U	90	53-148		16	
2,4,6-Tribromophenol	40	I		ug/L	50.0		79	33-145			
2-Fluorobiphenyl	45	I		ug/L	50.0		89	32-116			
2-Fluorophenol	26	I		ug/L	50.0		53	11-100			
Nitrobenzene-d5	51			ug/L	50.0		102	24-107			
Phenol-d5	21	I		ug/L	50.0		41	10-100			
Terphenyl-d14	49	I		ug/L	50.0		97	52-150			

Organochlorine Pesticides by GC - Quality Control

Batch 8D11043 - EPA 3510C

QUALITY CONTROL DATA

Organochlorine Pesticides by GC - Quality Control

Blank (8D11043-BLK1)

Prepared: 04/11/2018 16:20 Analyzed: 04/13/2018 08:57

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDD	0.018	U	0.050	ug/L							
4,4'-DDE	0.036	U	0.050	ug/L							
4,4'-DDT	0.025	U	0.050	ug/L							
Aldrin	0.032	U	0.050	ug/L							
alpha-BHC	0.026	U	0.050	ug/L							
beta-BHC	0.022	U	0.050	ug/L							
Chlordane (tech)	0.36	U	0.50	ug/L							
Chlordane-alpha	0.022	U	0.050	ug/L							
Chlordane-gamma	0.018	U	0.050	ug/L							
delta-BHC	0.019	U	0.050	ug/L							
Dieldrin	0.017	U	0.050	ug/L							
Endosulfan I	0.016	U	0.050	ug/L							
Endosulfan II	0.017	U	0.050	ug/L							
Endosulfan sulfate	0.016	U	0.050	ug/L							
Endrin	0.014	U	0.050	ug/L							
Endrin aldehyde	0.020	U	0.050	ug/L							
gamma-BHC	0.020	U	0.050	ug/L							
Heptachlor	0.018	U	0.050	ug/L							
Heptachlor epoxide	0.018	U	0.050	ug/L							
Methoxychlor	0.020	U	0.050	ug/L							
Toxaphene	0.48	U	0.50	ug/L							
2,4,5,6-TCMX	0.49			ug/L	1.00		49	38-142			
Decachlorobiphenyl	0.38			ug/L	1.00		38	34-159			

LCS (8D11043-BS1)

Prepared: 04/11/2018 16:20 Analyzed: 04/13/2018 09:09

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.88		0.050	ug/L	1.00		88	37-125			
Dieldrin	1.0		0.050	ug/L	1.00		101	46-127			
Endrin	0.98		0.050	ug/L	1.00		98	28-143			
2,4,5,6-TCMX	1.0			ug/L	1.00		101	38-142			
Decachlorobiphenyl	1.2			ug/L	1.00		116	34-159			

Matrix Spike (8D11043-MS1)

Prepared: 04/11/2018 16:20 Analyzed: 04/13/2018 09:22

Source: AB02583-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	1.1		0.050	ug/L	1.00	0.025 U	108	37-125			
Dieldrin	1.0		0.050	ug/L	1.00	0.017 U	100	46-127			
Endrin	1.1		0.050	ug/L	1.00	0.014 U	106	28-143			
2,4,5,6-TCMX	0.39			ug/L	1.00		39	38-142			
Decachlorobiphenyl	0.39			ug/L	1.00		39	34-159			

Matrix Spike Dup (8D11043-MSD1)

Prepared: 04/11/2018 16:20 Analyzed: 04/13/2018 09:38

Source: AB02583-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.85		0.050	ug/L	1.00	0.025 U	85	37-125	24	24	
Dieldrin	0.87		0.050	ug/L	1.00	0.017 U	87	46-127	14	21	
Endrin	0.88		0.050	ug/L	1.00	0.014 U	88	28-143	19	22	
2,4,5,6-TCMX	0.41			ug/L	1.00		41	38-142			

FINAL

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QUALITY CONTROL DATA

Organochlorine Pesticides by GC - Quality Control

Batch 8D11043 - EPA 3510C - Continued

Matrix Spike Dup (8D11043-MSD1) Continued

Prepared: 04/11/2018 16:20 Analyzed: 04/13/2018 09:38

Source: AB02583-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Decachlorobiphenyl	0.37			ug/L	1.00		37	34-159			

Polychlorinated Biphenyls by GC - Quality Control

Batch 8D18007 - EPA 3510C

Blank (8D18007-BLK1)

Prepared: 04/18/2018 08:00 Analyzed: 04/18/2018 11:09

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.49	U	0.50	ug/L							
PCB-1221	0.46	U	0.50	ug/L							
PCB-1232	0.47	U	0.50	ug/L							
PCB-1248	0.49	U	0.50	ug/L							
PCB-1254	0.50	U	0.50	ug/L							
PCB-1260	0.48	U	0.50	ug/L							
2,4,5,6-TCMX	1.1			ug/L	1.00		106	38-142			
Decachlorobiphenyl	1.0			ug/L	1.00		104	34-159			

LCS (8D18007-BS1)

Prepared: 04/18/2018 08:00 Analyzed: 04/18/2018 11:20

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	12		0.50	ug/L	10.0		121	11-162			
PCB-1260	12		0.50	ug/L	10.0		122	10-166			
2,4,5,6-TCMX	1.2			ug/L	1.00		120	38-142			
Decachlorobiphenyl	1.2			ug/L	1.00		121	34-159			

Matrix Spike (8D18007-MS1)

Prepared: 04/18/2018 08:00 Analyzed: 04/18/2018 11:32

Source: AB02757-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	9.7		0.50	ug/L	10.0	0.49 U	97	11-162			
PCB-1260	8.7		0.50	ug/L	10.0	0.48 U	87	10-166			
2,4,5,6-TCMX	1.0			ug/L	1.00		103	38-142			
Decachlorobiphenyl	0.83			ug/L	1.00		83	34-159			

Matrix Spike Dup (8D18007-MSD1)

Prepared: 04/18/2018 08:00 Analyzed: 04/18/2018 11:44

Source: AB02757-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	11		0.50	ug/L	10.0	0.49 U	107	11-162	9	23	
PCB-1260	12		0.50	ug/L	10.0	0.48 U	115	10-166	28	13	QM-11
2,4,5,6-TCMX	1.1			ug/L	1.00		107	38-142			
Decachlorobiphenyl	0.94			ug/L	1.00		94	34-159			

Chlorinated Herbicides by GC - Quality Control

Batch 8D11044 - EPA 3510C

QUALITY CONTROL DATA

Chlorinated Herbicides by GC - Quality Control

Batch 8D11044 - EPA 3510C - Continued

Blank (8D11044-BLK1)

Prepared: 04/11/2018 16:40 Analyzed: 04/13/2018 13:33

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-T	0.28	U	0.50	ug/L							
2,4,5-TP (Silvex)	0.44	U	0.50	ug/L							
2,4-D	0.27	U	0.50	ug/L							
Dinoseb	0.32	U	0.50	ug/L							
Pentachlorophenol	0.19	U	0.50	ug/L							
2,4-DCAA	1.9			ug/L	2.00		96	37-134			

LCS (8D11044-BS1)

Prepared: 04/11/2018 16:40 Analyzed: 04/13/2018 13:58

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	1.8		0.50	ug/L	2.00		90	24-135			
2,4-D	2.4		0.50	ug/L	2.00		121	20-134			
2,4-DCAA	1.8			ug/L	2.00		90	37-134			

Matrix Spike (8D11044-MS1)

Prepared: 04/11/2018 16:40 Analyzed: 04/13/2018 14:23

Source: AB02583-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	2.0		0.50	ug/L	2.00	0.44 U	98	24-135			
2,4-D	2.7		0.50	ug/L	2.00	0.27 U	133	20-134			
2,4-DCAA [2C]	1.6			ug/L	2.00		82	37-134			

Matrix Spike Dup (8D11044-MSD1)

Prepared: 04/11/2018 16:40 Analyzed: 04/13/2018 14:48

Source: AB02583-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	1.7		0.50	ug/L	2.00	0.44 U	85	24-135	15	19	
2,4-D	2.2		0.50	ug/L	2.00	0.27 U	108	20-134	21	19	QM-11
2,4-DCAA	1.6			ug/L	2.00		82	37-134			

Semivolatile Organic Compounds by GC - Quality Control

Batch 8D17027 - EPA 504/8011

Blank (8D17027-BLK1)

Prepared: 04/17/2018 10:48 Analyzed: 04/17/2018 15:46

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	0.23			ug/L	0.250		93	70-130			

LCS (8D17027-BS1)

Prepared: 04/17/2018 10:48 Analyzed: 04/17/2018 16:02

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		91	61-139			
1,2-Dibromoethane	0.20		0.020	ug/L	0.250		80	65-133			
1,1,1,2-Tetrachloroethane	0.24			ug/L	0.250		95	70-130			

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 8D17027 - EPA 504/8011 - Continued

Matrix Spike (8D17027-MS1)

Prepared: 04/17/2018 10:48 Analyzed: 04/17/2018 16:19

Source: AB02757-01

Analyte	Result	Flaq	POL	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	0.012 U	95	61-139			
1,2-Dibromoethane	0.21		0.020	ug/L	0.250	0.004 U	84	65-133			
1,1,1,2-Tetrachloroethane	0.24			ug/L	0.250		96	70-130			

Matrix Spike Dup (8D17027-MSD1)

Prepared: 04/17/2018 10:48 Analyzed: 04/17/2018 16:35

Source: AB02757-01

Analyte	Result	Flaq	POL	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	93	61-139	2	12	
1,2-Dibromoethane	0.21		0.020	ug/L	0.250	0.004 U	83	65-133	0.5	17	
1,1,1,2-Tetrachloroethane	0.24			ug/L	0.250		96	70-130			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8D12012 - EPA 7470A

Blank (8D12012-BLK1)

Prepared: 04/12/2018 10:39 Analyzed: 04/13/2018 07:47

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

Blank (8D12012-BLK2)

Prepared: 04/12/2018 10:39 Analyzed: 04/13/2018 07:50

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

LCS (8D12012-BS1)

Prepared: 04/12/2018 10:39 Analyzed: 04/13/2018 07:53

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

Matrix Spike (8D12012-MS1)

Prepared: 04/12/2018 10:39 Analyzed: 04/13/2018 07:59

Source: AB02566-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	48.3		2.00	ug/L	50.0	0.230 U	97	75-125			

Matrix Spike Dup (8D12012-MSD1)

Prepared: 04/12/2018 10:39 Analyzed: 04/13/2018 08:02

Source: AB02566-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	48.1		2.00	ug/L	50.0	0.230 U	96	75-125	0.2	20	

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

Batch 8D11039 - EPA 3005A

Blank (8D11039-BLK1)

Prepared: 04/12/2018 12:32 Analyzed: 04/13/2018 11:15

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	2.50	U	5.00	ug/L							

QUALITY CONTROL DATA

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

Batch 8D11039 - EPA 3005A - Continued

Blank (8D11039-BLK1) Continued

Prepared: 04/12/2018 12:32 Analyzed: 04/13/2018 11:15

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

Blank (8D11039-BLK2)

Prepared: 04/12/2018 12:32 Analyzed: 04/13/2018 11:18

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	0.250	U	0.500	ug/L							
Arsenic	0.610	U	1.00	ug/L							
Barium	2.00	U	10.0	ug/L							
Beryllium	0.0940	U	0.100	ug/L							
Cadmium	0.0900	U	0.300	ug/L							
Chromium	0.450	U	1.00	ug/L							
Cobalt	0.210	U	1.00	ug/L							
Copper	0.220	U	1.00	ug/L							
Iron	3.80	U	5.00	ug/L							
Lead	0.160	U	0.500	ug/L							
Nickel	0.320	U	1.00	ug/L							
Selenium	0.650	U	1.00	ug/L							
Silver	0.0290	U	0.100	ug/L							
Sodium	0.0320	U	0.100	mg/L							
Thallium	0.0580	U	0.100	ug/L							
Vanadium	0.200	U	1.00	ug/L							
Zinc	1.60	U	5.00	ug/L							

Blank (8D11039-BLK3)

Prepared: 04/12/2018 12:32 Analyzed: 04/14/2018 09:34

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tin	3.90	U	50.0	ug/L							

Blank (8D11039-BLK4)

Prepared: 04/12/2018 12:32 Analyzed: 04/14/2018 09:36

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tin	0.390	U	5.00	ug/L							

QUALITY CONTROL DATA

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

Batch 8D11039 - EPA 3005A - Continued

LCS (8D11039-BS1)

Prepared: 04/12/2018 12:32 Analyzed: 04/13/2018 11:22

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	43.3		5.00	ug/L	50.0		87	80-120			
Arsenic	482		10.0	ug/L	500		96	80-120			
Barium	496		100	ug/L	500		99	80-120			
Beryllium	47.4		1.00	ug/L	50.0		95	80-120			
Cadmium	45.7		3.00	ug/L	50.0		91	80-120			
Chromium	510		10.0	ug/L	500		102	80-120			
Cobalt	510		10.0	ug/L	500		102	80-120			
Copper	501		10.0	ug/L	500		100	80-120			
Iron	1020		50.0	ug/L	1000		102	80-120			
Lead	480		5.00	ug/L	500		96	80-120			
Nickel	501		10.0	ug/L	500		100	80-120			
Selenium	431		10.0	ug/L	500		86	80-120			
Silver	44.1		1.00	ug/L	50.0		88	80-120			
Sodium	25.3		1.00	mg/L	25.0		101	80-120			
Thallium	49.0		1.00	ug/L	50.0		98	80-120			
Vanadium	486		10.0	ug/L	500		97	80-120			
Zinc	447		50.0	ug/L	500		89	80-120			

LCS (8D11039-BS2)

Prepared: 04/12/2018 12:32 Analyzed: 04/14/2018 09:37

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tin	504		50.0	ug/L	500		101	80-120			

Matrix Spike (8D11039-MS1)

Prepared: 04/12/2018 12:32 Analyzed: 04/13/2018 11:29

Source: AB02281-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	4.86		0.500	ug/L	5.00	0.418	89	75-125			
Arsenic	49.4		1.00	ug/L	50.0	1.03	97	75-125			
Barium	65.0		10.0	ug/L	50.0	14.6	101	75-125			
Beryllium	4.26		0.100	ug/L	5.00	0.0940 U	85	75-125			
Cadmium	4.67		0.300	ug/L	5.00	0.176	90	75-125			
Chromium	52.7		1.00	ug/L	50.0	1.56	102	75-125			
Cobalt	50.3		1.00	ug/L	50.0	0.537	100	75-125			
Copper	86.4		1.00	ug/L	50.0	37.6	98	75-125			
Iron	396		5.00	ug/L	100	267	130	75-125			QM-17
Lead	47.6		0.500	ug/L	50.0	2.11	91	75-125			
Nickel	52.5		1.00	ug/L	50.0	3.42	98	75-125			
Selenium	42.9		1.00	ug/L	50.0	0.650 U	86	75-125			
Silver	4.28		0.100	ug/L	5.00	0.0290 U	86	75-125			
Sodium	38.0	L	0.100	mg/L	2.50	32.4	223	75-125			QM-17
Thallium	4.68		0.100	ug/L	5.00	0.0580 U	94	75-125			
Vanadium	56.8		1.00	ug/L	50.0	9.17	95	75-125			
Zinc	239	L	5.00	ug/L	50.0	192	93	75-125			

Matrix Spike (8D11039-MS2)

Prepared: 04/12/2018 12:32 Analyzed: 04/14/2018 09:39

Source: AB02281-01RE1

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tin	49.7		5.00	ug/L	50.0	0.390 U	99	75-125			

QUALITY CONTROL DATA

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

Batch 8D11039 - EPA 3005A - Continued

Matrix Spike Dup (8D11039-MSD1)

Prepared: 04/12/2018 12:32 Analyzed: 04/13/2018 11:33

Source: AB02281-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	5.07		0.500	ug/L	5.00	0.418	93	75-125	4	20	
Arsenic	48.8		1.00	ug/L	50.0	1.03	96	75-125	1	20	
Barium	67.7		10.0	ug/L	50.0	14.6	106	75-125	4	20	
Beryllium	4.43		0.100	ug/L	5.00	0.0940 U	89	75-125	4	20	
Cadmium	4.82		0.300	ug/L	5.00	0.176	93	75-125	3	20	
Chromium	53.9		1.00	ug/L	50.0	1.56	105	75-125	2	20	
Cobalt	52.0		1.00	ug/L	50.0	0.537	103	75-125	3	20	
Copper	88.8		1.00	ug/L	50.0	37.6	102	75-125	3	20	
Iron	383		5.00	ug/L	100	267	117	75-125	3	20	
Lead	49.9		0.500	ug/L	50.0	2.11	96	75-125	5	20	
Nickel	53.6		1.00	ug/L	50.0	3.42	100	75-125	2	20	
Selenium	42.8		1.00	ug/L	50.0	0.650 U	86	75-125	0.2	20	
Silver	4.42		0.100	ug/L	5.00	0.0290 U	88	75-125	3	20	
Sodium	38.8	L	0.100	mg/L	2.50	32.4	258	75-125	2	20	QM-17
Thallium	4.85		0.100	ug/L	5.00	0.0580 U	97	75-125	4	20	
Vanadium	59.0		1.00	ug/L	50.0	9.17	100	75-125	4	20	
Zinc	249	L	5.00	ug/L	50.0	192	113	75-125	4	20	

Matrix Spike Dup (8D11039-MSD2)

Prepared: 04/12/2018 12:32 Analyzed: 04/14/2018 09:40

Source: AB02281-01RE1

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Tin	52.3		5.00	ug/L	50.0	0.390 U	105	75-125	5	20	

Post Spike (8D11039-PS2)

Prepared: 04/13/2018 13:00 Analyzed: 04/13/2018 13:45

Source: AB02092-03

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sodium	2950		100	ug/L	2450	475	101	80-120			

Batch AA48301 - 8D09005

Serial Dilution (AA48301-SRD1)

Prepared: 04/12/2018 12:32 Analyzed: 04/13/2018 11:36

Source: AB02281-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Iron	267		25.0	ug/L		267			0.3		

Classical Chemistry Parameters - Quality Control

Batch 8D12001 - NO PREP

Blank (8D12001-BLK1)

Prepared: 04/11/2018 18:24 Analyzed: 04/12/2018 08:58

Analyte	Result	Flaq	POL	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 (8D12001-BS1)

Prepared: 04/11/2018 08:24 Analyzed: 04/12/2018 11:24

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	52		5.0	mg/L	50.0		105	90-110			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8D12001 - NO PREP - Continued

LCS (8D12001-BS1) Continued

Prepared: 04/11/2018 08:24 Analyzed: 04/12/2018 11:24

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate as N	26		1.0	mg/L	25.0		103	90-110			

Matrix Spike (8D12001-MS1)

Prepared: 04/11/2018 18:24 Analyzed: 04/12/2018 09:47

Source: AB02092-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	63		5.0	mg/L	50.0	14	98	90-110			
Nitrate as N	24		1.0	mg/L	25.0	0.64	93	90-110			

Matrix Spike (8D12001-MS2)

Prepared: 04/11/2018 18:24 Analyzed: 04/12/2018 10:20

Source: AB02092-03

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	52		5.0	mg/L	50.0	4.0	96	90-110			
Nitrate as N	24		1.0	mg/L	25.0	0.49	93	90-110			

Matrix Spike Dup (8D12001-MSD1)

Prepared: 04/11/2018 18:24 Analyzed: 04/12/2018 10:03

Source: AB02092-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	64		5.0	mg/L	50.0	14	99	90-110	1	10	
Nitrate as N	24		1.0	mg/L	25.0	0.64	94	90-110	1	10	

Matrix Spike Dup (8D12001-MSD2)

Prepared: 04/11/2018 18:24 Analyzed: 04/12/2018 10:36

Source: AB02092-03

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	53		5.0	mg/L	50.0	4.0	98	90-110	1	10	
Nitrate as N	24		1.0	mg/L	25.0	0.49	95	90-110	2	10	

Batch 8D12026 - NO PREP

Blank (8D12026-BLK1)

Prepared: 04/12/2018 11:06 Analyzed: 04/12/2018 11:25

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

LCS (8D12026-BS1)

Prepared: 04/12/2018 11:06 Analyzed: 04/12/2018 11:28

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.93		0.020	mg/L	1.00		93	90-110			

Matrix Spike (8D12026-MS1)

Prepared: 04/12/2018 11:06 Analyzed: 04/12/2018 11:31

Source: AB02092-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.90		0.020	mg/L	1.00	0.0073 U	90	90-110			

Matrix Spike (8D12026-MS2)

Prepared: 04/12/2018 11:06 Analyzed: 04/12/2018 11:39

Source: AB02049-08

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.98		0.020	mg/L	1.00	0.0073 U	98	90-110			

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8D12026 - NO PREP - Continued

Matrix Spike Dup (8D12026-MSD1)

Prepared: 04/12/2018 11:06 Analyzed: 04/12/2018 11:32

Source: AB02092-01

Analyte	Result	Flaq	POL	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	2	10	

Batch 8D12034 - NO PREP

Blank (8D12034-BLK1)

Prepared: 04/12/2018 17:20 Analyzed: 04/13/2018 21:32

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

LCS (8D12034-BS1)

Prepared: 04/12/2018 17:20 Analyzed: 04/13/2018 21:32

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

Duplicate (8D12034-DUP1)

Prepared: 04/12/2018 17:20 Analyzed: 04/13/2018 21:32

Source: AB02092-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	210		10	mg/L		200			4	20	

Batch 8D16004 - NO PREP

Blank (8D16004-BLK1)

Prepared: 04/16/2018 10:00 Analyzed: 04/17/2018 12:14

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cyanide (total)	0.0067	U	0.010	mg/L							

LCS (8D16004-BS1)

Prepared: 04/16/2018 10:00 Analyzed: 04/17/2018 12:14

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cyanide (total)	0.21		0.010	mg/L	0.200		105	83-116			

Matrix Spike (8D16004-MS1)

Prepared: 04/16/2018 10:00 Analyzed: 04/17/2018 12:14

Source: AB02744-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cyanide (total)	0.22		0.010	mg/L	0.200	0.0086	107	83-116			

Matrix Spike Dup (8D16004-MSD1)

Prepared: 04/16/2018 10:00 Analyzed: 04/17/2018 12:14

Source: AB02744-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Cyanide (total)	0.19		0.010	mg/L	0.200	0.0086	89	83-116	17	19	

Batch 8D18052 - NO PREP

Blank (8D18052-BLK1)

Prepared: 04/18/2018 17:11 Analyzed: 04/18/2018 20:40

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfide	0.45	U	1.0	mg/L							

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8D18052 - NO PREP - Continued

LCS (8D18052-BS1)

Prepared: 04/18/2018 17:11 Analyzed: 04/18/2018 20:40

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfide	4.3		1.0	mg/L	4.01		106	84-106			

Matrix Spike (8D18052-MS1)

Prepared: 04/18/2018 17:11 Analyzed: 04/18/2018 20:40

Source: AB02866-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfide	3.9		1.0	mg/L	4.01	0.45 U	98	84-106			

Matrix Spike Dup (8D18052-MSD1)

Prepared: 04/18/2018 17:11 Analyzed: 04/18/2018 20:40

Source: AB02866-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfide	4.1		1.0	mg/L	4.01	0.45 U	102	84-106	4	10	

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
O-01	This compound is a common laboratory contaminant.
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-17	Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample.
QS-03	Surrogate recovery outside acceptance limits
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.

