



ENCO Laboratories

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Tuesday, October 8, 2013

Angelo's Recycled Materials (AN010)

Attn: John Arnold

4111 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): A305520

Dear John Arnold,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Friday, September 27, 2013.

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. 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,

Marcia Colon

Project Manager

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: EP-1 Lab ID: A305520-01 Sampled: 09/26/13 13:55 Received: 09/27/13 17:35

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 300.0	09/28/13	13:55	09/27/13	18:00	09/27/13 20:42
EPA 300.0	10/24/13		09/27/13	18:00	09/27/13 20:42
EPA 350.1	10/24/13		10/02/13	10:12	10/02/13 12:42
EPA 6020A	03/25/14		09/30/13	13:54	10/02/13 12:54
EPA 7470A	10/24/13		10/02/13	13:06	10/03/13 07:49
EPA 8011	10/10/13	10/14/13	09/30/13	07:48	09/30/13 21:15
EPA 8260B	10/10/13		10/03/13	12:10	10/03/13 17:42
Field	09/26/13	14:09	09/26/13	13:55	09/26/13 13:55
Field	09/27/13	13:55	09/27/13	13:55	09/26/13 13:55
Field	09/28/13	13:55	09/26/13	13:55	09/26/13 13:55
SM 2540C-1997	10/03/13		10/01/13	19:44	10/02/13 22:56

SAMPLE DETECTION SUMMARY

Client ID: EP-1

Lab ID: A305520-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chloride	0.73	I	0.29	5.0	mg/L	EPA 300.0	
Dissolved Oxygen	6.09		0.00	0.00	mg/L	Field	
Nitrate as N	0.48	I	0.052	1.0	mg/L	EPA 300.0	J
Oxidation/Reduction Potential	250.9		-999.0	-999.0	mV	Field	
pH	5.40				pH Units	Field	
Sodium - Total	1.65		0.320	1.00	mg/L	EPA 6020A	
Specific Conductance (EC)	40		0	0	umhos/cm	Field	
Temperature	27.09		0.00	0.00	°C	Field	
Total Dissolved Solids	30		10	10	mg/L	SM 2540C-1997	
Turbidity	1.00		0.00	0.00	NTU	Field	
Water Elevation	12.42				Ft	Field	

ANALYTICAL RESULTS

Description: EP-1

Lab Sample ID: A305520-01

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 13:55

Work Order: A305520

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	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,1,1-Trichloroethane [71-55-6]^	0.80	U	ug/L	1	0.80	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,1,2,2-Tetrachloroethane [79-34-5]^	0.54	U	ug/L	1	0.54	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,1,2-Trichloroethane [79-00-5]^	0.76	U	ug/L	1	0.76	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,1-Dichloroethane [75-34-3]^	0.62	U	ug/L	1	0.62	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,1-Dichloroethene [75-35-4]^	0.94	U	ug/L	1	0.94	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,2,3-Trichloropropane [96-18-4]^	0.64	U	ug/L	1	0.64	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,2-Dichlorobenzene [95-50-1]^	0.73	U	ug/L	1	0.73	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,2-Dichloroethane [107-06-2]^	0.63	U	ug/L	1	0.63	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,2-Dichloropropane [78-87-5]^	0.80	U	ug/L	1	0.80	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
1,4-Dichlorobenzene [106-46-7]^	0.76	U	ug/L	1	0.76	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
2-Butanone [78-93-3]^	4.5	U	ug/L	1	4.5	5.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
2-Hexanone [591-78-6]^	1.4	U	ug/L	1	1.4	5.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
4-Methyl-2-pentanone [108-10-1]^	0.79	U	ug/L	1	0.79	5.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Acetone [67-64-1]^	1.8	U	ug/L	1	1.8	5.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Acrylonitrile [107-13-1]^	3.2	U	ug/L	1	3.2	10	3303024	EPA 8260B	10/03/13 17:42	kat	U
Benzene [71-43-2]^	0.71	U	ug/L	1	0.71	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Bromochloromethane [74-97-5]^	0.94	U	ug/L	1	0.94	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Bromodichloromethane [75-27-4]^	0.52	U	ug/L	1	0.52	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Bromoform [75-25-2]^	0.75	U	ug/L	1	0.75	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Bromomethane [74-83-9]^	0.95	U	ug/L	1	0.95	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Carbon disulfide [75-15-0]^	2.6	U	ug/L	1	2.6	5.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Carbon tetrachloride [56-23-5]^	0.94	U	ug/L	1	0.94	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Chlorobenzene [108-90-7]^	0.72	U	ug/L	1	0.72	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Chloroethane [75-00-3]^	0.98	U	ug/L	1	0.98	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Chloroform [67-66-3]^	0.80	U	ug/L	1	0.80	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Chloromethane [74-87-3]^	0.82	U	ug/L	1	0.82	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
cis-1,2-Dichloroethene [156-59-2]^	0.53	U	ug/L	1	0.53	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
cis-1,3-Dichloropropene [10061-01-5]^	0.59	U	ug/L	1	0.59	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Dibromochloromethane [124-48-1]^	0.44	U	ug/L	1	0.44	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Dibromomethane [74-95-3]^	0.84	U	ug/L	1	0.84	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Ethylbenzene [100-41-4]^	0.69	U	ug/L	1	0.69	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Iodomethane [74-88-4]^	0.72	U	ug/L	1	0.72	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
m,p-Xylenes [108-38-3/106-42-3]^	1.3	U	ug/L	1	1.3	2.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Methylene chloride [75-09-2]^	0.71	U	ug/L	1	0.71	2.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
o-Xylene [95-47-6]^	0.53	U	ug/L	1	0.53	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Styrene [100-42-5]^	0.61	U	ug/L	1	0.61	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Tetrachloroethene [127-18-4]^	0.76	U	ug/L	1	0.76	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Toluene [108-88-3]^	0.72	U	ug/L	1	0.72	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
trans-1,2-Dichloroethene [156-60-5]^	0.73	U	ug/L	1	0.73	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
trans-1,3-Dichloropropene [10061-02-6]^	0.73	U	ug/L	1	0.73	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
trans-1,4-Dichloro-2-butene [110-57-6]^	0.79	U	ug/L	1	0.79	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Trichloroethene [79-01-6]^	0.89	U	ug/L	1	0.89	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Trichlorofluoromethane [75-69-4]^	0.94	U	ug/L	1	0.94	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Vinyl acetate [108-05-4]^	0.60	U	ug/L	1	0.60	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Vinyl chloride [75-01-4]^	0.71	U	ug/L	1	0.71	1.0	3303024	EPA 8260B	10/03/13 17:42	kat	U
Xylenes (Total) [1330-20-7]^	1.3	U	ug/L	1	1.3	2.0	3303024	EPA 8260B	10/03/13 17:42	kat	U

ANALYTICAL RESULTS

Description: EP-1

Lab Sample ID: A305520-01

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 13:55

Work Order: A305520

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
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
4-Bromofluorobenzene	40	1	50.0	80 %	41-142		3J03024	EPA 8260B	10/03/13 17:42	kat	
Dibromofluoromethane	55	1	50.0	110 %	53-146		3J03024	EPA 8260B	10/03/13 17:42	kat	
Toluene-d8	47	1	50.0	93 %	41-146		3J03024	EPA 8260B	10/03/13 17:42	kat	

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]^	0.004	U	ug/L	1	0.004	0.020	3I30006	EPA 8011	09/30/13 21:15	JJB	U
1,2-Dibromoethane [106-93-4]^	0.003	U	ug/L	1	0.003	0.020	3I30006	EPA 8011	09/30/13 21:15	JJB	U
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
1,1,1,2-Tetrachloroethane	0.22	1	0.250	90 %	70-130	3I30006	EPA 8011	09/30/13 21:15	JJB		

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6]^	0.0230	U	ug/L	1	0.0230	0.200	3I26037	EPA 7470A	10/03/13 07:49	JAY	

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]^	1.10	U	ug/L	1	1.10	20.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Arsenic [7440-38-2]^	6.10	U	ug/L	1	6.10	10.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Barium [7440-39-3]^	20.0	U	ug/L	1	20.0	100	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Beryllium [7440-41-7]^	0.940	U	ug/L	1	0.940	1.00	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Cadmium [7440-43-9]^	1.10	U	ug/L	1	1.10	3.00	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Chromium [7440-47-3]^	4.50	U	ug/L	1	4.50	10.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Cobalt [7440-48-4]^	2.10	U	ug/L	1	2.10	10.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Copper [7440-50-8]^	2.20	U	ug/L	1	2.20	10.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Iron [7439-89-6]^	38.0	U	ug/L	1	38.0	50.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Lead [7439-92-1]^	1.60	U	ug/L	1	1.60	5.00	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Nickel [7440-02-0]^	3.20	U	ug/L	1	3.20	10.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Selenium [7782-49-2]^	6.50	U	ug/L	1	6.50	10.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Silver [7440-22-4]^	0.290	U	ug/L	1	0.290	1.00	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Sodium [7440-23-5]^	1.65		mg/L	1	0.320	1.00	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Thallium [7440-28-0]^	0.580	U	ug/L	1	0.580	1.00	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Vanadium [7440-62-2]^	2.00	U	ug/L	1	2.00	10.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	
Zinc [7440-66-6]^	16.0	U	ug/L	1	16.0	50.0	3I30008	EPA 6020A	10/02/13 12:54	JAY	

ANALYTICAL RESULTS

Description: EP-1

Lab Sample ID: A305520-01

Received: 09/27/13 17:35

Matrix: Ground Water

Sampled: 09/26/13 13:55

Work Order: A305520

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	3J02014	EPA 350.1	10/02/13 12:42	KGonz	U
Chloride [16887-00-6]^	0.73	I	mg/L	1	0.29	5.0	3I27008	EPA 300.0	09/27/13 20:42	RSA	
Nitrate as N [14797-55-8]^	0.48	I	mg/L	1	0.052	1.0	3I27008	EPA 300.0	09/27/13 20:42	RSA	J
Total Dissolved Solids [ECL-0156]^	30		mg/L	1	10	10	3J01043	SM 2540C-1997	10/02/13 22:56	AH	

Field Parameters

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dissolved Oxygen [ECL-0053]	6.09		mg/L	1	0.00	0.00	3I26009	Field	09/26/13 13:55	FLD	
Oxidation/Reduction Potential [ECL-0110]	250.9		mV	1	-999.0	-999.0	3I26009	Field	09/26/13 13:55	FLD	
pH [ECL-0062]	5.40		pH Units	1			3I26009	Field	09/26/13 13:55	FLD	
Specific Conductance (EC) [ECL-0146]	40		umhos/cm	1	0	0	3I26009	Field	09/26/13 13:55	FLD	
Temperature [ECL-0151]	27.09		°C	1	0.00	0.00	3I26009	Field	09/26/13 13:55	FLD	
Turbidity [ECL-0177]	1.00		NTU	1	0.00	0.00	3I26009	Field	09/26/13 13:55	FLD	
Water Elevation [ECL-0180]	12.42		Ft	1			3I26009	Field	09/26/13 13:55	FLD	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 3J03024 - EPA 5030B_MS

Blank (3J03024-BLK1)

Prepared: 10/03/2013 12:10 Analyzed: 10/03/2013 15:30

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							U
1,1,1-Trichloroethane	0.80	U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.54	U	1.0	ug/L							U
1,1,2-Trichloroethane	0.76	U	1.0	ug/L							U
1,1-Dichloroethane	0.62	U	1.0	ug/L							U
1,1-Dichloroethene	0.94	U	1.0	ug/L							U
1,2,3-Trichloropropane	0.64	U	1.0	ug/L							U
1,2-Dichlorobenzene	0.73	U	1.0	ug/L							U
1,2-Dichloroethane	0.63	U	1.0	ug/L							U
1,2-Dichloropropane	0.80	U	1.0	ug/L							U
1,4-Dichlorobenzene	0.76	U	1.0	ug/L							U
2-Butanone	4.5	U	5.0	ug/L							U
2-Hexanone	1.4	U	5.0	ug/L							U
4-Methyl-2-pentanone	0.79	U	5.0	ug/L							U
Acetone	1.8	U	5.0	ug/L							U
Acrylonitrile	3.2	U	10	ug/L							U
Benzene	0.71	U	1.0	ug/L							U
Bromochloromethane	0.94	U	1.0	ug/L							U
Bromodichloromethane	0.52	U	1.0	ug/L							U
Bromoform	0.75	U	1.0	ug/L							U
Bromomethane	0.95	U	1.0	ug/L							U
Carbon disulfide	2.6	U	5.0	ug/L							U
Carbon tetrachloride	0.94	U	1.0	ug/L							U
Chlorobenzene	0.72	U	1.0	ug/L							U
Chloroethane	0.98	U	1.0	ug/L							U
Chloroform	0.80	U	1.0	ug/L							U
Chloromethane	0.82	U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.53	U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.59	U	1.0	ug/L							U
Dibromochloromethane	0.44	U	1.0	ug/L							U
Dibromomethane	0.84	U	1.0	ug/L							U
Ethylbenzene	0.69	U	1.0	ug/L							U
Iodomethane	0.72	U	1.0	ug/L							U
m,p-Xylenes	1.3	U	2.0	ug/L							U
Methylene chloride	0.71	U	2.0	ug/L							U
o-Xylene	0.53	U	1.0	ug/L							U
Styrene	0.61	U	1.0	ug/L							U
Tetrachloroethene	0.76	U	1.0	ug/L							U
Toluene	0.72	U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.73	U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.73	U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.79	U	1.0	ug/L							U
Trichloroethene	0.89	U	1.0	ug/L							U
Trichlorofluoromethane	0.94	U	1.0	ug/L							U
Vinyl acetate	0.60	U	1.0	ug/L							U
Vinyl chloride	0.71	U	1.0	ug/L							U
Xylenes (Total)	1.3	U	2.0	ug/L							U
4-Bromofluorobenzene	44			ug/L	50.0		88	41-142			
Dibromofluoromethane	62			ug/L	50.0		123	53-146			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 3J03024 - EPA 5030B_MS - Continued

Blank (3J03024-BLK1) Continued

Prepared: 10/03/2013 12:10 Analyzed: 10/03/2013 15:30

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene-d8	51			ug/L	50.0		102	41-146			

LCS (3J03024-BS1)

Prepared: 10/03/2013 12:10 Analyzed: 10/03/2013 13:51

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0		135	65-144			
Benzene	22		1.0	ug/L	20.0		110	73-138			
Chlorobenzene	22		1.0	ug/L	20.0		110	77-127			
Toluene	21		1.0	ug/L	20.0		103	71-123			
Trichloroethene	22		1.0	ug/L	20.0		108	83-133			
4-Bromofluorobenzene	39			ug/L	50.0		78	41-142			
Dibromofluoromethane	54			ug/L	50.0		108	53-146			
Toluene-d8	47			ug/L	50.0		94	41-146			

Matrix Spike (3J03024-MS1)

Prepared: 10/03/2013 12:10 Analyzed: 10/03/2013 14:24

Source: A305518-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	27		1.0	ug/L	20.0	0.94 U	137	65-144			
Benzene	24		1.0	ug/L	20.0	2.0	108	73-138			
Chlorobenzene	25		1.0	ug/L	20.0	3.6	107	77-127			
Toluene	21		1.0	ug/L	20.0	0.72 U	104	71-123			
Trichloroethene	22		1.0	ug/L	20.0	0.89 U	108	83-133			
4-Bromofluorobenzene	39			ug/L	50.0		79	41-142			
Dibromofluoromethane	54			ug/L	50.0		108	53-146			
Toluene-d8	47			ug/L	50.0		95	41-146			

Matrix Spike Dup (3J03024-MSD1)

Prepared: 10/03/2013 12:10 Analyzed: 10/03/2013 14:56

Source: A305518-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	26		1.0	ug/L	20.0	0.94 U	130	65-144	5	16	
Benzene	24		1.0	ug/L	20.0	2.0	107	73-138	0.1	14	
Chlorobenzene	25		1.0	ug/L	20.0	3.6	109	77-127	1	13	
Toluene	21		1.0	ug/L	20.0	0.72 U	106	71-123	2	16	
Trichloroethene	22		1.0	ug/L	20.0	0.89 U	111	83-133	2	20	
4-Bromofluorobenzene	40			ug/L	50.0		79	41-142			
Dibromofluoromethane	56			ug/L	50.0		111	53-146			
Toluene-d8	47			ug/L	50.0		94	41-146			

Semivolatile Organic Compounds by GC - Quality Control

Batch 3I30006 - EPA 504/8011

Blank (3I30006-BLK1)

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 16:47

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.004	U	0.020	ug/L							U
1,2-Dibromoethane	0.003	U	0.020	ug/L							U

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 3I30006 - EPA 504/8011 - Continued

Blank (3I30006-BLK1) Continued

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 16:47

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.27			ug/L	0.250		109	70-130			

LCS (3I30006-BS1)

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 17:04

Analyte	Result	Flag	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		96	61-139			
1,2-Dibromoethane	0.22		0.020	ug/L	0.250		88	65-133			
1,1,1,2-Tetrachloroethane	0.26			ug/L	0.250		105	70-130			

Matrix Spike (3I30006-MS1)

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 17:21

Source: A305332-03

Analyte	Result	Flag	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	0.004 U	95	61-139			
1,2-Dibromoethane	0.21		0.020	ug/L	0.250	0.003 U	85	65-133			
1,1,1,2-Tetrachloroethane	0.25			ug/L	0.250		100	70-130			

Matrix Spike Dup (3I30006-MSD1)

Prepared: 09/30/2013 07:48 Analyzed: 09/30/2013 17:37

Source: A305332-03

Analyte	Result	Flag	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	0.004 U	97	61-139	2	12	
1,2-Dibromoethane	0.22		0.020	ug/L	0.250	0.003 U	86	65-133	1	17	
1,1,1,2-Tetrachloroethane	0.26			ug/L	0.250		103	70-130			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 3I26037 - EPA 7470A

Blank (3I26037-BLK1)

Prepared: 10/02/2013 13:06 Analyzed: 10/03/2013 07:02

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

LCS (3I26037-BS1)

Prepared: 10/02/2013 13:06 Analyzed: 10/03/2013 07:05

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.89		0.200	ug/L	5.00		98	80-120			

Matrix Spike (3I26037-MS1)

Prepared: 10/02/2013 13:06 Analyzed: 10/03/2013 07:11

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.15		0.200	ug/L	5.00	0.0230 U	103	75-125			

Matrix Spike Dup (3I26037-MSD1)

Prepared: 10/02/2013 13:06 Analyzed: 10/03/2013 07:14

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.17		0.200	ug/L	5.00	0.0230 U	103	75-125	0.3	20	

QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 3I26037 - EPA 7470A - Continued

Post Spike (3I26037-PS1)

Prepared: 10/03/2013 06:00 Analyzed: 10/03/2013 07:17

Source: A305521-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.08		0.200	ug/L	5.61	-0.0127	91	80-120			

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

Batch 3I30008 - EPA 3005A

Blank (3I30008-BLK1)

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:25

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	1.10	U	20.0	ug/L							
Arsenic	6.10	U	10.0	ug/L							
Barium	20.0	U	100	ug/L							
Beryllium	0.940	U	1.00	ug/L							
Cadmium	1.10	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							

LCS (3I30008-BS1)

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:33

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	49.4		20.0	ug/L	50.0		99	80-120			
Arsenic	519		10.0	ug/L	500		104	80-120			
Barium	523		100	ug/L	500		105	80-120			
Beryllium	51.8		1.00	ug/L	50.0		104	80-120			
Cadmium	49.9		3.00	ug/L	50.0		100	80-120			
Chromium	529		10.0	ug/L	500		106	80-120			
Cobalt	518		10.0	ug/L	500		104	80-120			
Copper	533		10.0	ug/L	500		107	80-120			
Iron	1080		50.0	ug/L	1000		108	80-120			
Lead	526		5.00	ug/L	500		105	80-120			
Nickel	514		10.0	ug/L	500		103	80-120			
Selenium	500		10.0	ug/L	500		100	80-120			
Silver	51.5		1.00	ug/L	50.0		103	80-120			
Sodium	25.5		1.00	mg/L	25.0		102	80-120			
Thallium	52.4		1.00	ug/L	50.0		105	80-120			
Vanadium	518		10.0	ug/L	500		104	80-120			
Zinc	521		50.0	ug/L	500		104	80-120			

QUALITY CONTROL DATA

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

Batch 3I30008 - EPA 3005A - Continued

Matrix Spike (3I30008-MS1)

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:40

Source: A305521-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	48.3		20.0	ug/L	50.0	1.10 U	97	75-125			
Arsenic	506		10.0	ug/L	500	6.10 U	101	75-125			
Barium	524		100	ug/L	500	20.0 U	105	75-125			
Beryllium	53.3		1.00	ug/L	50.0	0.940 U	107	75-125			
Cadmium	49.6		3.00	ug/L	50.0	1.10 U	99	75-125			
Chromium	526		10.0	ug/L	500	4.50 U	105	75-125			
Cobalt	513		10.0	ug/L	500	2.10 U	103	75-125			
Copper	522		10.0	ug/L	500	2.20 U	104	75-125			
Iron	1070		50.0	ug/L	1000	38.0 U	107	75-125			
Lead	518		5.00	ug/L	500	1.60 U	104	75-125			
Nickel	508		10.0	ug/L	500	3.20 U	102	75-125			
Selenium	496		10.0	ug/L	500	6.50 U	99	75-125			
Silver	50.6		1.00	ug/L	50.0	0.290 U	101	75-125			
Sodium	30.7		1.00	mg/L	25.0	4.64	104	75-125			
Thallium	51.3		1.00	ug/L	50.0	0.580 U	103	75-125			
Vanadium	511		10.0	ug/L	500	2.00 U	102	75-125			
Zinc	514		50.0	ug/L	500	16.0 U	103	75-125			

Matrix Spike Dup (3I30008-MSD1)

Prepared: 09/30/2013 13:54 Analyzed: 10/02/2013 11:44

Source: A305521-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	49.2		20.0	ug/L	50.0	1.10 U	98	75-125	2	20	
Arsenic	515		10.0	ug/L	500	6.10 U	103	75-125	2	20	
Barium	529		100	ug/L	500	20.0 U	106	75-125	0.9	20	
Beryllium	54.6		1.00	ug/L	50.0	0.940 U	109	75-125	2	20	
Cadmium	51.0		3.00	ug/L	50.0	1.10 U	102	75-125	3	20	
Chromium	541		10.0	ug/L	500	4.50 U	108	75-125	3	20	
Cobalt	519		10.0	ug/L	500	2.10 U	104	75-125	1	20	
Copper	534		10.0	ug/L	500	2.20 U	107	75-125	2	20	
Iron	1110		50.0	ug/L	1000	38.0 U	111	75-125	4	20	
Lead	521		5.00	ug/L	500	1.60 U	104	75-125	0.5	20	
Nickel	521		10.0	ug/L	500	3.20 U	104	75-125	3	20	
Selenium	505		10.0	ug/L	500	6.50 U	101	75-125	2	20	
Silver	51.8		1.00	ug/L	50.0	0.290 U	104	75-125	2	20	
Sodium	30.5		1.00	mg/L	25.0	4.64	103	75-125	0.8	20	
Thallium	52.1		1.00	ug/L	50.0	0.580 U	104	75-125	1	20	
Vanadium	510		10.0	ug/L	500	2.00 U	102	75-125	0.3	20	
Zinc	531		50.0	ug/L	500	16.0 U	106	75-125	3	20	

Post Spike (3I30008-PS1)

Prepared: 10/02/2013 09:00 Analyzed: 10/02/2013 11:48

Source: A305521-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Antimony	4.91		2.00	ug/L	4.90	0.0836	98	80-120			
Arsenic	49.0		1.00	ug/L	49.0	-0.0924	100	80-120			
Barium	50.0		10.0	ug/L	49.0	0.927	100	80-120			
Beryllium	5.16		0.100	ug/L	4.90	0.00833	105	80-120			
Cadmium	4.79		0.300	ug/L	4.90	-0.00373	98	80-120			
Chromium	50.2		1.00	ug/L	49.0	-0.0947	103	80-120			
Cobalt	49.0		1.00	ug/L	49.0	-0.170	100	80-120			

QUALITY CONTROL DATA

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

Batch 3I30008 - EPA 3005A - Continued

Post Spike (3I30008-PS1) Continued

Prepared: 10/02/2013 09:00 Analyzed: 10/02/2013 11:48

Source: A305521-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Copper	49.2		1.00	ug/L	49.0	-0.0293	100	80-120			
Iron	108		5.00	ug/L	98.0	2.23	108	80-120			
Lead	49.3		0.500	ug/L	49.0	-0.0518	101	80-120			
Nickel	49.7		1.00	ug/L	49.0	-0.0982	102	80-120			
Selenium	47.8		1.00	ug/L	49.0	-0.0667	98	80-120			
Silver	5.03		0.100	ug/L	4.90	0.00608	103	80-120			
Sodium	2990		100	ug/L	2450	455	104	80-120			
Thallium	4.83		0.100	ug/L	4.90	-0.00539	99	80-120			
Vanadium	48.3		1.00	ug/L	49.0	0.00245	99	80-120			
Zinc	48.5		5.00	ug/L	49.0	0.952	97	80-120			

Classical Chemistry Parameters - Quality Control

Batch 3I27008 - NO PREP

Blank (3I27008-BLK1)

Prepared: 09/27/2013 09:00 Analyzed: 09/27/2013 09:35

Analyte	Result	Flag	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 (3I27008-BS1)

Prepared: 09/27/2013 09:00 Analyzed: 09/27/2013 09:52

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	51		5.0	mg/L	50.0		102	90-110			
Nitrate as N	10		1.0	mg/L	10.0		102	90-110			

Matrix Spike (3I27008-MS1)

Prepared: 09/27/2013 10:00 Analyzed: 09/27/2013 13:34

Source: A305486-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	58		5.0	mg/L	50.0	4.5	107	90-110			
Nitrate as N	11		1.0	mg/L	10.0	0.39	105	90-110			

Matrix Spike Dup (3I27008-MSD1)

Prepared: 09/27/2013 10:00 Analyzed: 09/27/2013 13:51

Source: A305486-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	57		5.0	mg/L	50.0	4.5	104	90-110	2	10	
Nitrate as N	11		1.0	mg/L	10.0	0.39	102	90-110	2	10	

Batch 3J01043 - NO PREP

Blank (3J01043-BLK1)

Prepared: 10/01/2013 19:44 Analyzed: 10/02/2013 22:56

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

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 3J01043 - NO PREP - Continued

LCS (3J01043-BS1)

Prepared: 10/01/2013 19:44 Analyzed: 10/02/2013 22:56

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	990		10	mg/L	1000		99	90-110			

Duplicate (3J01043-DUP1)

Prepared: 10/01/2013 19:44 Analyzed: 10/02/2013 22:56

Source: A305011-02

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Dissolved Solids	740		10	mg/L		740			0.8	10	

Batch 3J02014 - NO PREP

Blank (3J02014-BLK1)

Prepared: 10/02/2013 10:12 Analyzed: 10/02/2013 12:26

Analyte	Result	Flaq	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 (3J02014-BS1)

Prepared: 10/02/2013 10:12 Analyzed: 10/02/2013 12:28

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.0		0.020	mg/L	1.00		100	90-110			

Matrix Spike (3J02014-MS1)

Prepared: 10/02/2013 10:12 Analyzed: 10/02/2013 12:30

Source: A305521-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.96		0.020	mg/L	1.00	0.0073 U	96	90-110			

Matrix Spike Dup (3J02014-MSD1)

Prepared: 10/02/2013 10:12 Analyzed: 10/02/2013 12:31

Source: A305521-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.97		0.020	mg/L	1.00	0.0073 U	97	90-110	0.8	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.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD


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Page 1 of 1

Client Name Angelo's Recycled Materials (AN010)		Project Number 87895		<div>8011</div> <div>8260B Appendix 1 FL</div> <div>Ag, As, Ba, Be, Bi, Cd, Co, Cr, Cu, Fe, Ni, Pb, Sb, Se, Ti, V, Zn, Hg</div> <div>Ammonia 350.1</div> <div>Chloride 300 Nitrate 35-N-300, TDS SM2540C</div>		Requested Turnaround Times	
Address 4111 Enterprise Road		Project Name/Desc ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)				Note: Rush requests subject to acceptance by the facility	
City/ST/Zip Dade City, FL 33525		PO # / Billing Info				<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited	
Tel (352) 339-1408	Fax	Reporting Contact John Arnold				Due <u> </u> / <u> </u> / <u> </u>	
Sampler(s) Name, Affiliation (Print) Chris Monaco Ideal Tech Services Inc.		Billing Contact John Arnold				Lab Workorder A3055 A205202	
Sampler(s) Signature 		Site Location / Time Zone FL EST					

[illegible]

Sample Kit Prepared By <i>JB</i>	Date/Time 10:45 9-19-13	Relinquished By <i>Jennifer Bat</i>	Date/Time 10:45 9-19-13	Received By <i>[Signature]</i>	Date/Time 9-20-13 1800
Comments/Special Reporting Requirements		Relinquished By <i>[Signature]</i>	Date/Time 9/27/13 1432	Received By <i>[Signature]</i>	Date/Time 9/27 1432
		Relinquished By <i>[Signature]</i>	Date/Time 9/27 1735	Received By <i>[Signature]</i>	Date/Time 9/27/13 1735
Cooler #'s & Temps on Receipt C-903 1°C				Condition Upon Receipt Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/>	

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

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

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