Johnson, Sabrina O

From: Black, Alexis
Sent: Tuesday, January 29, 2019 7:13 AM
To: SWD_Waste
Subject: FW: 87895 Enterprise 5AR/5BR
Attachments: 87895 MW5AR MW5BR well completion report.pdf; 87895 MW5AR MW5BR pending docs.pdf

Alexis Black
Environmental Specialist
Compliance Assurance Program
Florida Department of Environmental Protection
Southwest District

From: Chamberlain, Justin
Sent: Wednesday, January 23, 2019 1:39 PM
To: Black, Alexis <Alexis.Black@FloridaDEP.gov>
Subject: FW: 87895 Enterprise 5AR/5BR

FYI – MW-5AR & MW-5BR TOC surveys & revised completion forms transmitted today.

Regards,
Justin

Justin Chamberlain, P.G.
Professional Geologist I
Florida Department of Environmental Protection
Permitting & Waste Cleanup
13051 N. Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926
Direct: (813) 470-5725 Main: (813) 470-5700
Email: Justin.Chamberlain@floridadep.gov

Note: All your favorite people at the FDEP have new email addresses (@floridadep.gov)! Please make sure to update your contact list!

For information on Solid Waste Permitting, please visit our Solid Waste website:
For Waste Cleanup Program guidance and information, please visit our Waste Cleanup website:
For information on the Florida Brownfields Redevelopment Program, please visit our Brownfields website:

Permitting Consistency Initiative: The Florida Department of Environmental Protection is committed to providing efficient, consistent and quality service to the citizens of Florida.
In keeping with these objectives, we continue to identify ongoing improvements to our permitting process by standardizing and simplifying our documents.

From: Lisa Baker <lisa@locklearconsulting.com>
Sent: Wednesday, January 23, 2019 12:29 PM
To: Morgan, Steve <Steve.Morgan@FloridaDEP.gov>; Chamberlain, Justin <Justin.Chamberlain@FloridaDEP.gov>
Cc: Walker Wrenn <walker@locklearconsulting.com>; John Arnold (john.phillip.arnold@gmail.com) <john.phillip.arnold@gmail.com>; John Locklear <john@locklearconsulting.com>
Subject: FW: 87895 Enterprise 5AR/5BR

Hi Steve – Thanks for the call. Please see attached documentation you requested to finalize the renewal permit. If you need anything else, just give me a call.
Thanks!
Lisa

Lisa Baker, P.E. | *Engineering Division Director*
4140 NW 37th Place, Suite A, Gainesville, FL 32606
P: 352.672.6867 **F:** 352.692.5390 **C:** 352.258.5017

Locklear & Associates

From: Walker Wrenn <walker@locklearconsulting.com>
Sent: Wednesday, January 23, 2019 12:21 PM
To: Lisa Baker <lisa@locklearconsulting.com>
Subject: 87895 Enterprise 5AR/5BR

Walker Wrenn, P.G. | *Environmental Division Director*
4140 NW 37th Place, Suite A, Gainesville, FL 32606
P: 352.672.6867 **F:** 352.692.5390

Locklear & Associates

Locklear & Associates

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

November 26, 2018

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

RE: Cell 16 Monitor Well Construction Pending Documentation
Angelo's Recycled Materials – Enterprise Class III Landfill

Dear Mr. Chamberlain,

The attached documentation completes the requirements for the recently installed monitoring wells, MW-5AR and MW-5BR, in association with Cell 16.

If you have any questions, please contact me at (352) 672-6867.

Sincerely,

C. Walker Wrenn
Environmental Services Division Director

P:\P Drive Files\ANGELOS (FLORIDA)\Enterprise Class III\COMPLIANCE MONITORING\WELL INFORMATION\Cell 16 mod\Forms with Survey\MW-5AR -5BR survey Narrative.docx

Xc: John Arnold, P.E.

Attachment 1: Revised DEP Forms # 62-701.900(30)
Attachment 2: Survey

ATTACHMENT 1

Revised DEP Forms # 62-701.900(30)

Florida Department of Environmental Protection

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

DEP Form # 62-701.900(30)
Form Title: Monitoring Well Completion Report
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(3), F.A.C.

MONITORING WELL COMPLETION REPORT

DATE: 11/26/2018

FACILITY NAME: Enterprise Class III Landfill

DEP PERMIT NO.: 177982-020-SO/T3 WACS FACILITY ID NO.: 87895

WACS MONITORING SITE NUM.: MW-5AR WACS WELL NO.: 30178

WELL TYPE: BACKGROUND ☐ DETECTION ☐ COMPLIANCE ☒

LATITUDE: 28° 20' 08.23" LONGITUDE: -082° 07' 51.45"

(see back for LAT / LONG requirements):

Coordinate Accuracy +/- 0.5' Datum FSP Elevation Datum NGVD1929

Collection Method Survey Collection Date 11/16/2018

Collector Name Bobby Simmons Collector Affiliation Bobby W. Simmons Land Surveyor

AQUIFER MONITORED: Floridan

DRILLING METHOD: Sonic DATE INSTALLED: 4/6/2018

INSTALLED BY: Drill Pro d/b/a Groundwater Protection

BORE HOLE DIAMETER: 6" TOTAL DEPTH: 22' (BLS)

CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 7'

SCREEN TYPE: PVC SCREEN SLOT SIZE: 0.01" SCREEN LENGTH: 15'

SCREEN DIAMETER: 2" SCREEN INTERVAL: 22' TO 7' (BLS)

FILTER PACK TYPE: Sand FILTER PACK GRAIN SIZE: 20/30

INTERVAL COVERED: 22' TO 5' (BLS)

SEALANT TYPE: 30/65 fine sand SEALANT INTERVAL: 5' TO 3' (BLS)

GROUT TYPE: 1 Portland GROUT INTERVAL: 3' TO 0' (BLS)

TOP OF CASING ELEVATION (NGVD): 94.91 GROUND SURFACE ELEVATION (NGVD): 91.98'

DESCRIBE WELL DEVELOPMENT: Pumped until clear - approximately 1 hour

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): 77.99'

DATE AND TIME MEASURED: 4/11/2018 - 1200hrs

REMARKS: "GROUND SURFACE ELEVATION" not recorded; pad elevation reported for this query

NAME OF PERSON PREPARING REPORT: Walker Wrenn, Locklear & Associates, Inc., 352-672-6867, walker@locklearconsulting.com

(Name, Organization, Phone No., E-mail)

NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1988 (BLS) = BELOW LAND SURFACE

Latitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Longitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Eastings and northings (State Plane Coordinates) **must** be converted to latitude and longitude.

Coordinate Accuracy: the measured, estimated degree of correctness of the measurement. An accuracy of 15 feet or 5 meters is preferred.

Datum: the horizontal reference for measuring locations on the Earth's surface. NAD83-North American Datum of 1983 is preferred.

Elevation Datum: the reference datum from which elevation measurements are made. NGVD88 (National Geodetic Vertical Datum of 1988) is preferred.

Collection Method: the method or mechanism used to derive the measurements, e.g. GPS, map, aerial photo, etc.

Collection Date: the date and time on which the measurements were taken.

Collector Name: the name of the person taking the measurement.

Collector Affiliation: the agency or company for whom the collector works.

Florida Department of Environmental Protection

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

DEP Form # 62-701.900(30)
Form Title: Monitoring Well Completion Report
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(3), F.A.C.

MONITORING WELL COMPLETION REPORT

DATE: 11/26/2018

FACILITY NAME: Enterprise Class III Landfill

DEP PERMIT NO.: 177982-020-SO/T3 WACS FACILITY ID NO.: 87895

WACS MONITORING SITE NUM.: MW-5BR WACS WELL NO.: 30179

WELL TYPE: BACKGROUND ☐ DETECTION ☐ COMPLIANCE ☒

LATITUDE: 28° 20' 08.23" LONGITUDE: -082° 07' 51.45"

(see back for LAT / LONG requirements):

Coordinate Accuracy +/- 0.5' Datum FSP Elevation Datum NGVD1929

Collection Method Survey Collection Date 11/16/2018

Collector Name Bobby Simmons Collector Affiliation Bobby W. Simmons Land Surveyor

AQUIFER MONITORED: Perched Surficial

DRILLING METHOD: Sonic DATE INSTALLED: 4/6/2018

INSTALLED BY: Drill Pro d/b/a Groundwater Protection

BORE HOLE DIAMETER: 6" TOTAL DEPTH: 60' (BLS)

CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 40'

SCREEN TYPE: PVC SCREEN SLOT SIZE: 0.01" SCREEN LENGTH: 20'

SCREEN DIAMETER: 2" SCREEN INTERVAL: 60' TO 40' (BLS)

FILTER PACK TYPE: Sand FILTER PACK GRAIN SIZE: 20/30

INTERVAL COVERED: 60' TO 38' (BLS)

SEALANT TYPE: 30/65 fine sand SEALANT INTERVAL: 38' TO 36' (BLS)

GROUT TYPE: 1 Portland GROUT INTERVAL: 36' TO 0' (BLS)

TOP OF CASING ELEVATION (NGVD): 94.32' GROUND SURFACE ELEVATION (NGVD): 91.65'

DESCRIBE WELL DEVELOPMENT: Pumped until clear - approximately 2 hour

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): 67.44'

DATE AND TIME MEASURED: 4/11/2018 - 1350hrs

REMARKS: "GROUND SURFACE ELEVATION" not recorded; pad elevation reported for this query

NAME OF PERSON PREPARING REPORT: Walker Wrenn, Locklear & Associates, Inc., 352-672-6867, walker@locklearconsulting.com

(Name, Organization, Phone No., E-mail)

NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1988 (BLS) = BELOW LAND SURFACE

Latitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Longitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Eastings and northings (State Plane Coordinates) **must** be converted to latitude and longitude.

Coordinate Accuracy: the measured, estimated degree of correctness of the measurement. An accuracy of 15 feet or 5 meters is preferred.

Datum: the horizontal reference for measuring locations on the Earth's surface. NAD83-North American Datum of 1983 is preferred.

Elevation Datum: the reference datum from which elevation measurements are made. NGVD88 (National Geodetic Vertical Datum of 1988) is preferred.

Collection Method: the method or mechanism used to derive the measurements, e.g. GPS, map, aerial photo, etc.

Collection Date: the date and time on which the measurements were taken.

Collector Name: the name of the person taking the measurement.

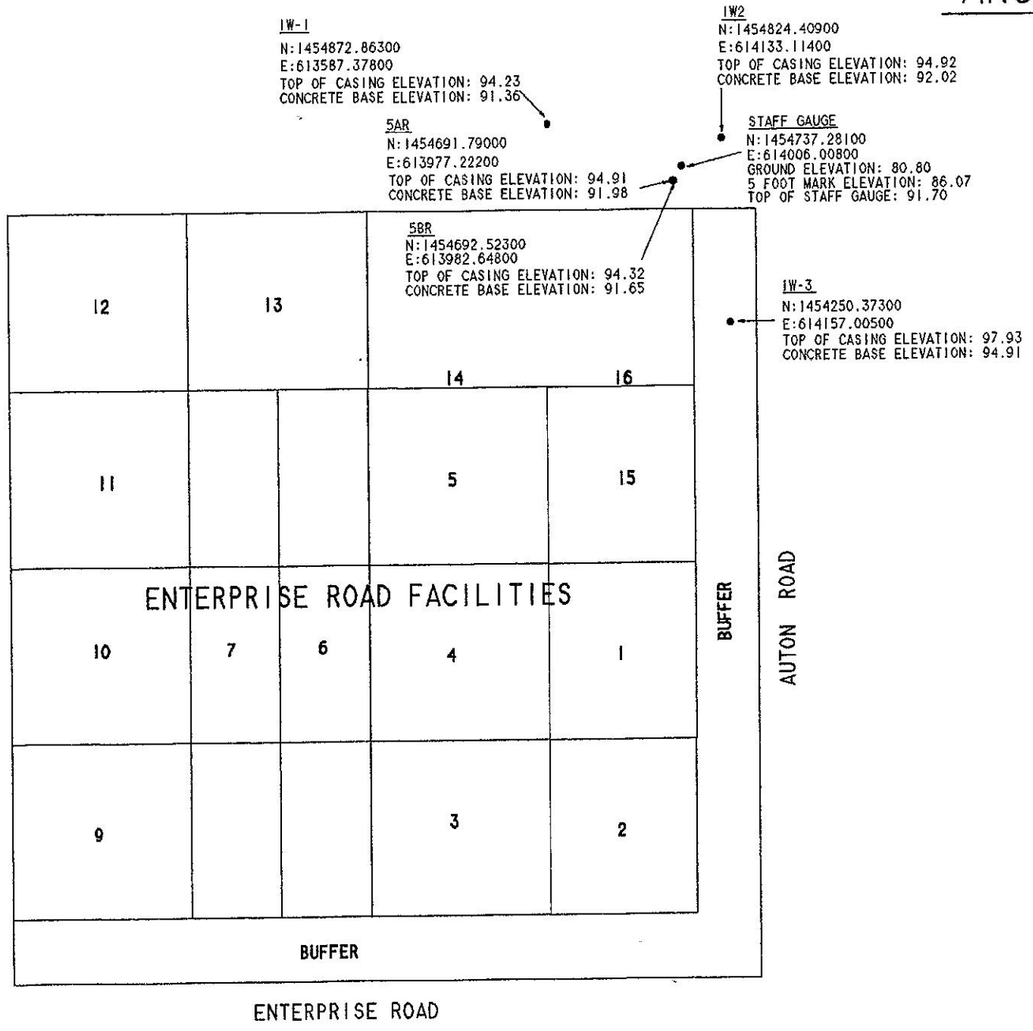
Collector Affiliation: the agency or company for whom the collector works.

ATTACHMENT 2

Survey

SECTION 8 TOWNSHIP 25 SOUTH RANGE 22 EAST
PASCO COUNTY. FLORIDA

ANGELO'S AGGREGATE MATERIALS. LTD.



SCALE 1" - 300'

THE ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 AND REFERENCED TO U.S.G.S. BENCHMARK # Q-56. SAID BENCHMARK BEING LOCATED ON THE NORTH SIDE OF JORDAN ROAD AND THE WEST RIGHT-OF-WAY LINE OF THE CSX RAILROAD APPROXIMATELY TWO MILES NORTH OF DADE CITY. FLORIDA.

THE SITE BENCHMARK IS LOCATED ON THE NORTH SIDE OF ENTERPRISE ROAD APPROXIMATELY 75 FEET WEST OF THE ENTRANCE TO ANGELO'S RECYCLED MATERIALS LAND FILL. BEING A 5/8" IRON ROD AND CAP NO. LB6382 IN THE CENTER OF AN AERIAL PANEL WITH AN ELEVATION OF 148.94 FEET.

GRID COORDINATES SHOWN HEREON BASED ON FLORIDA STATE PLANE COORDINATE SYSTEM. WEST ZONE.

SPECIFIC PURPOSE SURVEY OF MONITOR WELL LOCATION

PREPARED BY:

BOBBY W. SIMMONS
PROFESSIONAL LAND SURVEYOR
FLORIDA PLS CERT. NO. 2763
NOT VALID UNLESS IMPRINTED WITH RAISED SEAL

LEGEND

(D)	- Deed or Description		
CM	- Concrete Monument		
POB	- Point of Beginning		
P.C.P.	- Permanent Control Point		
P.R.M.	- Permanent Reference Monument		
R/W	- Right of Way		
RRS.	- Railroad Spike		
N & D	- Nail and Disk		
(C)	- Computed Data		
P.C.	- Point of Curvature		
P.T.	- Point of Tangency		
P.	- Iron Pipe	(F)	- Field Data
(P)	- Plat	IR.	- Iron Rod
FD.	- Found	℄	- Center Line
S.	- Set	(R)	- Radial
AC = Air Conditioner		(NR)	- Non Radial

REVISIONS

BOBBY W. SIMMONS
LAND SURVEYOR
P.O. BOX 1297 - 36739 STATE ROAD 52
DADE CITY. FLORIDA 33525
PH: 352-567-0048 FAX: 352-567-0675

Date of Survey :	11-16-2018	Drawn by :	CD
Date of Plat :	11-20-2018	Checked by :	MWB
Job Number :	06087-MW1	Sheet :	ONE OF ONE

PREPARED FOR:
ANGELO'S AGGREGATE MATERIALS. LTD.

Locklear & Associates

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

May 9, 2018

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

RE: Installation of Monitoring Wells
Angelo's Recycled Materials – Enterprise Class III Landfill

Dear Mr. Chamberlain,

Under the guidance/observation of Walker Wrenn, P.G., compliance monitoring wells MW-5AR and -5BR were installed by Drill Pro d/b/a Groundwater Protection on April 6, 2018. Monitoring Well Completion Reports [DEP Form # 62-701.900(30)] and Boring Field Reports are provided in Attachment 1. State of Florida Permit Applications to Construct a Well [Form LEG-R.040.01 (6/10) Rule 40D-3.101 (1), F.A.C.] and State of Florida Well Completion Reports [Form LEG-R.005.02 (6/10) Rule 40D-3.411 (1)(a), F.A.C.] are provided in Attachment 2. The wells are scheduled to be surveyed in accordance with Appendix 3, Condition #5.d of the facility permit at the next availability. Figure 1, Site Monitoring Network, is provided in Attachment 3.

Sampling per the facility permit was performed by Ideal Tech Services, Inc. staff in accordance with FDEP's Standard Operating Procedures for Field Activities DEP-SOP-001/01 on April 11, 2018. Quality Assurance/Quality Control samples were also collected. Laboratory analytical reports are provided in Attachment 54. Parameters At or Above Laboratory Detection Limit are provided on page 4 of the laboratory report. Copies of the sampling field data sheets are provided in Attachment 5. Electronic Deliverable Data (EDD) are attached electronically to this report. Automated Data Processing Tool (ADaPT) is not available prior to attaining WACS for the wells.

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

Sincerely,

C. WALKER WRENN LICENSE 5/10/18 No. 2792 STATE OF FLORIDA PROFESSIONAL GEOLOGIST

C. Walker Wrenn
Environmental Services Division Director

P:\P Drive Files\ANGELOS (FLORIDA)\Enterprise Class III\COMPLIANCE MONITORING\WELL INFORMATION\Cell 16 mod\Narrative.docx

Xc: John Arnold, P.E.

Attachment 1: Monitoring Well Completion Reports [DEP Form # 62-701.900(30)] and Boring Field Reports
Attachment 2: State of Florida Permit Applications to Construct a Well [Form LEG-R.040.01 (6/10) Rule 40D-3.101 (1), F.A.C.] and State of Florida Well Completion Reports [Form LEG-R.005.02 (6/10) Rule 40D-3.411 (1)(a), F.A.C.]
Attachment 3: Figure 1, Site Monitoring Network
Attachment 4: Laboratory Analytical Reports
Attachment 5: Sampling Field Data Sheets

ATTACHMENT 1

MONITORING WELL COMPLETION REPORTS
[DEP FORM # 62-701.900(30)]

AND

BORING FIELD REPORTS

Florida Department of Environmental Protection

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

DEP Form # 62-701.900(30)
Form Title: Monitoring Well Completion Report
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(3), F.A.C.

MONITORING WELL COMPLETION REPORT

DATE: 5/9/2018

FACILITY NAME: Enterprise Class III Landfill

DEP PERMIT NO.: 177982-020-SO/T3 WACS FACILITY ID NO.: 87895

WACS MONITORING SITE NUM.: MW-5AR WACS WELL NO.: 30178

WELL TYPE: BACKGROUND ☐ DETECTION ☐ COMPLIANCE ☒

LATITUDE: 28° 20' 08.23" LONGITUDE: -082° 07' 51.45"

(see back for LAT / LONG requirements):

Coordinate Accuracy +/- 0.5' Datum NAD83 Elevation Datum NGVD1988

Collection Method Survey Collection Date Scheduled for earliest avail.

Collector Name Bobby Simmons Collector Affiliation Simmons and Beall Surveyors

AQUIFER MONITORED: Floridan

DRILLING METHOD: Sonic DATE INSTALLED: 4/6/2018

INSTALLED BY: Drill Pro d/b/a Groundwater Protection

BORE HOLE DIAMETER: 6" TOTAL DEPTH: 22' (BLS)

CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 7'

SCREEN TYPE: PVC SCREEN SLOT SIZE: 0.01" SCREEN LENGTH: 15'

SCREEN DIAMETER: 2" SCREEN INTERVAL: 22' TO 7' (BLS)

FILTER PACK TYPE: Sand FILTER PACK GRAIN SIZE: 20/30

INTERVAL COVERED: 22' TO 5' (BLS)

SEALANT TYPE: 30/65 fine sand SEALANT INTERVAL: 5' TO 3' (BLS)

GROUT TYPE: 1 Portland GROUT INTERVAL: 3' TO 0' (BLS)

TOP OF CASING ELEVATION (NGVD): 93.5' GROUND SURFACE ELEVATION (NGVD): 90.5'

DESCRIBE WELL DEVELOPMENT: Pumped until clear - approximately 1 hour

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): 76.6'

DATE AND TIME MEASURED: 4/11/2018 - 1200hrs

REMARKS:

NAME OF PERSON PREPARING REPORT: Walker Wrenn, Locklear & Associates, Inc., 352-672-6867, walker@locklearconsulting.com

(Name, Organization, Phone No., E-mail)

NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1988 (BLS) = BELOW LAND SURFACE

Latitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Longitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Eastings and northings (State Plane Coordinates) **must** be converted to latitude and longitude.

Coordinate Accuracy: the measured, estimated degree of correctness of the measurement. An accuracy of 15 feet or 5 meters is preferred.

Datum: the horizontal reference for measuring locations on the Earth's surface. NAD83-North American Datum of 1983 is preferred.

Elevation Datum: the reference datum from which elevation measurements are made. NGVD88 (National Geodetic Vertical Datum of 1988) is preferred.

Collection Method: the method or mechanism used to derive the measurements, e.g. GPS, map, aerial photo, etc.

Collection Date: the date and time on which the measurements were taken.

Collector Name: the name of the person taking the measurement.

Collector Affiliation: the agency or company for whom the collector works.

Florida Department of Environmental Protection

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

DEP Form # 62-701.900(30)
Form Title: Monitoring Well Completion Report
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(3), F.A.C.

MONITORING WELL COMPLETION REPORT

DATE: 5/9/2018

FACILITY NAME: Enterprise Class III Landfill

DEP PERMIT NO.: 177982-020-SO/T3 WACS FACILITY ID NO.: 87895

WACS MONITORING SITE NUM.: MW-5BR WACS WELL NO.: 30179

WELL TYPE: BACKGROUND ☐ DETECTION ☐ COMPLIANCE ☒

LATITUDE: 28° 20' 08.23" LONGITUDE: -082° 07' 51.45"

(see back for LAT / LONG requirements):

Coordinate Accuracy +/- 0.5' Datum NAD83 Elevation Datum NGVD1988

Collection Method Survey Collection Date Scheduled for earliest avail.

Collector Name Bobby Simmons Collector Affiliation Simmons and Beall Surveyors

AQUIFER MONITORED: Perched Surficial

DRILLING METHOD: Sonic DATE INSTALLED: 4/6/2018

INSTALLED BY: Drill Pro d/b/a Groundwater Protection

BORE HOLE DIAMETER: 6" TOTAL DEPTH: 60' (BLS)

CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 40'

SCREEN TYPE: PVC SCREEN SLOT SIZE: 0.01" SCREEN LENGTH: 20'

SCREEN DIAMETER: 2" SCREEN INTERVAL: 60' TO 40' (BLS)

FILTER PACK TYPE: Sand FILTER PACK GRAIN SIZE: 20/30

INTERVAL COVERED: 4022' TO 38' (BLS)

SEALANT TYPE: 30/65 fine sand SEALANT INTERVAL: 38' TO 36' (BLS)

GROUT TYPE: 1 Portland GROUT INTERVAL: 36' TO 0' (BLS)

TOP OF CASING ELEVATION (NGVD): 93.5' GROUND SURFACE ELEVATION (NGVD): 90.5'

DESCRIBE WELL DEVELOPMENT: Pumped until clear - approximately 2 hour

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): 66.6'

DATE AND TIME MEASURED: 4/11/2018 - 1350hrs

REMARKS:

NAME OF PERSON PREPARING REPORT: Walker Wrenn, Locklear & Associates, Inc., 352-672-6867, walker@locklearconsulting.com

(Name, Organization, Phone No., E-mail)

NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1988 (BLS) = BELOW LAND SURFACE

Latitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Longitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Eastings and northings (State Plane Coordinates) **must** be converted to latitude and longitude.

Coordinate Accuracy: the measured, estimated degree of correctness of the measurement. An accuracy of 15 feet or 5 meters is preferred.

Datum: the horizontal reference for measuring locations on the Earth's surface. NAD83-North American Datum of 1983 is preferred.

Elevation Datum: the reference datum from which elevation measurements are made. NGVD88 (National Geodetic Vertical Datum of 1988) is preferred.

Collection Method: the method or mechanism used to derive the measurements, e.g. GPS, map, aerial photo, etc.

Collection Date: the date and time on which the measurements were taken.

Collector Name: the name of the person taking the measurement.

Collector Affiliation: the agency or company for whom the collector works.

WELL COMPLETION LOG

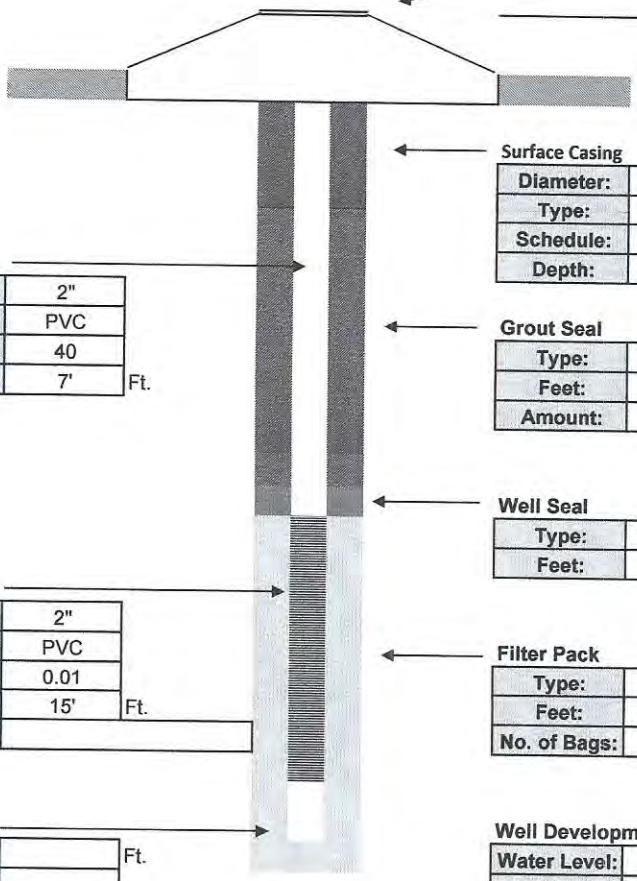
Water Mgmt. Dist.:
Permit Number:

Work Order: 318042
Type of Well: Monitor
Well Number: MW 5AR
Method Used: Sonic
Borehole Diaz. 6"

Site Information:
Name: Enterprise Landfill
Address: 41111 Enterprise Rd
C,S,Z: Dade City, FL
S/T/R:

Client / Consultant Information
Consultant: Locklear
Field Rep: Walker Wrenn

Well Diameter	Well Type	Well Depth	Screen Length	Casing Length	Bags Grout	Sand Bags/Weight	Filter Type	Well Seal
2"	PVC	22'	15'	7'	0.25	8 / 50 lbs.	20/30	30/65
40 ← Schedule	Slot Size: →		0.01		3'	← Feet →	17'	2'



Surface Casing

Diameter:	
Type:	
Schedule:	
Depth:	

Intermediate Casing

Diameter:	
Type:	
Schedule:	
Depth:	

Well Casing

Diameter:	2"
Type:	PVC
Schedule:	40
Length:	7' Ft.

Grout Seal

Type:	I / II PORTLAND
Feet:	3'
Amount:	0.25 Bags

Well Seal

Type:	30/65
Feet:	2'

Well Screen

Diameter:	2"
Type:	PVC
Slot:	0.01
Length:	15' Ft.
Note:	

Filter Pack

Type:	20/30
Feet:	17'
No. of Bags:	8 / 50 lbs.

Sump

Length:	Ft.
Type:	

Well Development

Water Level:	20'		
Method:	Whale		
Start:	Cloudy	Finish:	Clear
Time:	.5 Hr		
GPM:	1		

Contractor Information

Contractor #:	9311
Completion:	4/6/2018
Driller:	Dave Longino
Lead Hand:	Jared Link
3rd Man:	Michael Martinez
Drill Rig:	SR 6

Company:	Drillpro LLC d/b/a Groundwater Protection
Address:	2300 Silver Star Road
C,S,Z:	Orlando, Florida 32804-3310
Phone/FAX:	(407) 426-7885 / (407) 426-7586

WELL COMPLETION LOG

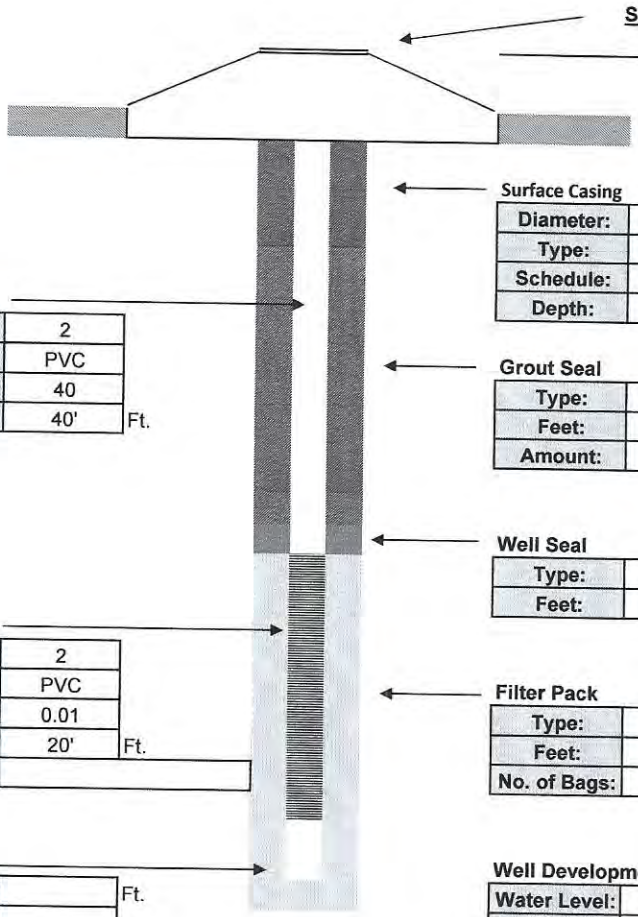
Water Mgmt. Dist.:
Permit Number:

Work Order: 318042
Type of Well: Monitor
Well Number: MW 5BR
Method Used: Sonic
Borehole Diaz. 6"

Site Information:
Name: Enterprise Landfill
Address: 41111 Enterprise Rd
C,S,Z: Dade City, FL
S/T/R:

Client / Consultant Information
Consultant: Locklear
Field Rep: Walker Wrenn

Well Diameter	Well Type	Well Depth	Screen Length	Casing Length	Bags Grout	Sand Bags/Weight	Filter Type	Well Seal
2	PVC	60'	20'	40'	4	10 / 50 lbs.	20/30	30/65
40 ←	Schedule	Slot Size: →	0.01		36'	← Feet →	22'	2'



Surface Completion
4" AGP

Surface Casing

Diameter:	
Type:	
Schedule:	
Depth:	

Intermediate Casing

Diameter:	
Type:	
Schedule:	
Depth:	

Well Casing

Diameter:	2
Type:	PVC
Schedule:	40
Length:	40' Ft.

Grout Seal

Type:	I / II PORTLAND
Feet:	36'
Amount:	4 Bags

Well Seal

Type:	30/65
Feet:	2'

Well Screen

Diameter:	2
Type:	PVC
Slot:	0.01
Length:	20' Ft.
Note:	

Filter Pack

Type:	20/30
Feet:	22'
No. of Bags:	10 / 50 lbs.

Sump

Length:	Ft.
Type:	

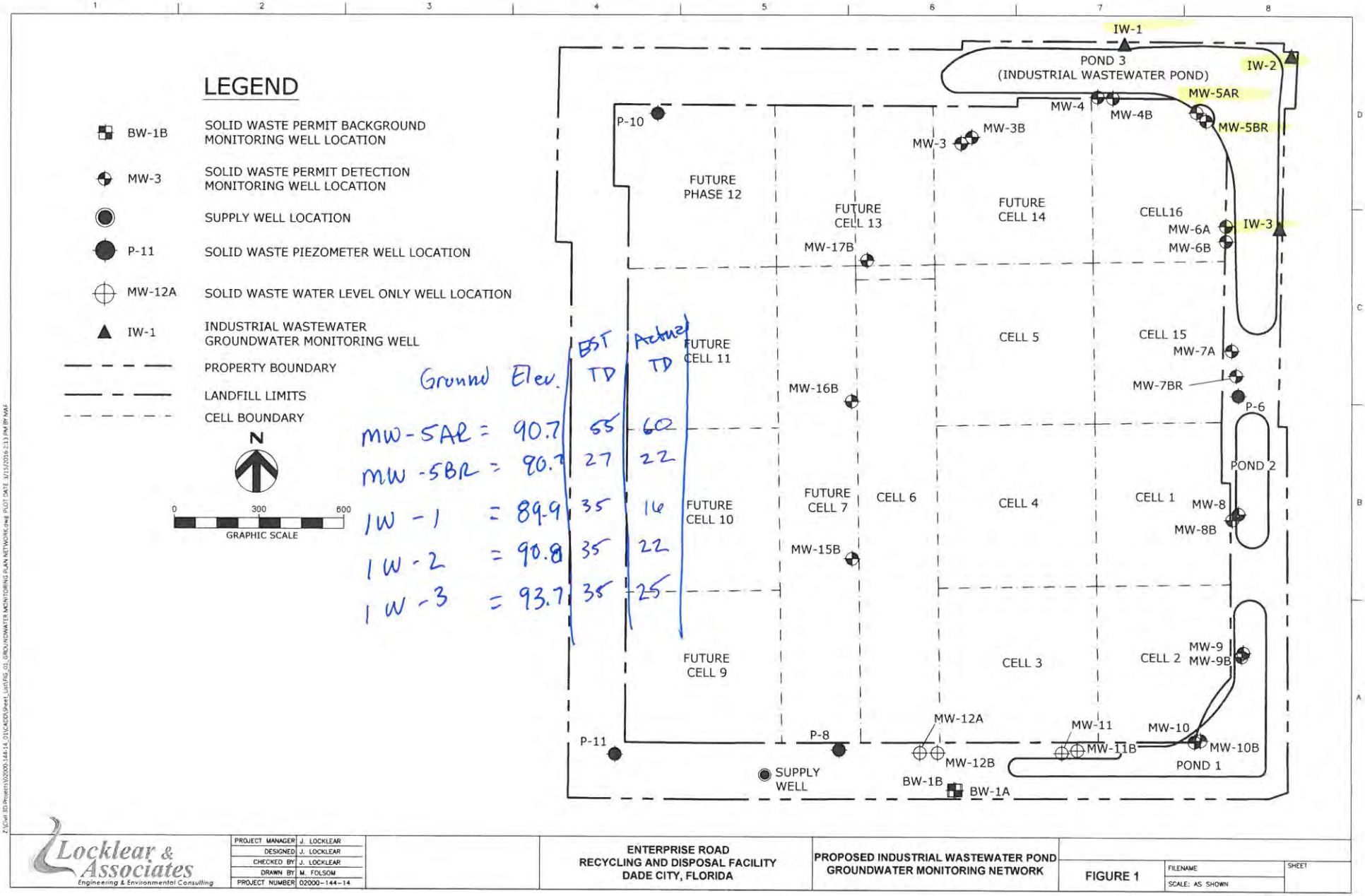
Well Development

Water Level:	20'		
Method:	Whale		
Start:	Cloudy	Finish:	Clear
Time:	.5 Hr		
GPM:	1		

Contractor Information

Contractor #:	9311
Completion:	4/6/2018
Driller:	Dave Longino
Lead Hand:	Jared Link
3rd Man:	Michael Martinez
Drill Rig:	SR 6

Company:	Drillpro LLC d/b/a Groundwater Protection
Address:	2300 Silver Star Road
C,S,Z:	Orlando, Florida 32804-3310
Phone/FAX:	(407) 426-7885 / (407) 426-7586



	Ground Elev.	EST TD	Actual TD
MW-5AR =	90.7	55	60
MW-5BR =	90.7	27	22
IW-1 =	89.9	35	16
IW-2 =	90.8	35	22
IW-3 =	93.7	35	25

Locklear & Associates
Engineering & Environmental Consulting

PROJECT MANAGER	J. LOCKLEAR
DESIGNED	J. LOCKLEAR
CHECKED BY	J. LOCKLEAR
DRAWN BY	M. FOLSOM
PROJECT NUMBER	02000-144-14

ENTERPRISE ROAD
RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

PROPOSED INDUSTRIAL WASTEWATER POND
GROUNDWATER MONITORING NETWORK

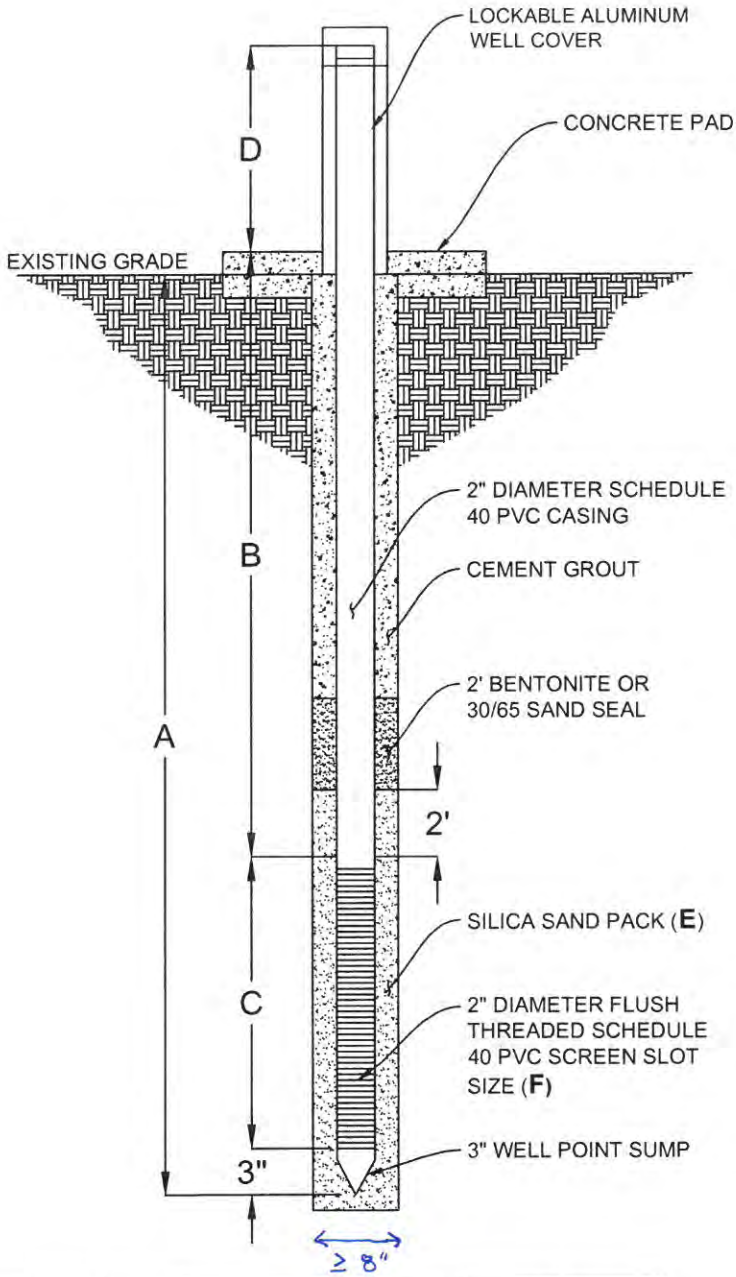
FIGURE 1

FILENAME

SCALE: AS SHOWN

SHEET

FIGURE NOT TO SCALE



WELL	A	B	C	D	E	F	TOP OF SCREEN ELEVATION FT, NGVD	BOTTOM OF SCREEN ELEVATION FT, NGVD	ASSUMED GROUND SURFACE ELEVATION FT, NGVD	ASSUMED LIMESTONE SURFACE ELEVATION FT, NGVD
Actual MW-5BR	60	40	20	3"	20/30	0.010"	50	30	90.7	52
MW-18B*	~~103'~~	~~83'~~	~~20'~~	~~3"~~	~~20/30~~	~~0.010"~~	~~65'~~ (9)	~~45'~~ (9)	~~140'~~ (1)	~~118'~~ (5)
MW-19B*	~~100'~~	~~80'~~	~~20'~~	~~3"~~	~~20/30~~	~~0.010"~~	~~58'~~ (9)	~~38'~~ (9)	~~130'~~ (2)	~~63'~~ (6)
MW-20B*	~~72'~~	~~52'~~	~~20'~~	~~3"~~	~~20/30~~	~~0.010"~~	~~35'~~ (9)	~~45'~~ (9)	~~87'~~ (3)	~~32'~~ (7)
MW-5BR	52' 55	32' 35	20' 20	3" 3"	20/30	0.010"	55' (9) 55'	35' (9) 35	87' (4) 90.7	60' (8) 60

NOTES:

(1) From DCL01-2 & -3 (HAI) ~~MW-15B~~ ground elevation

(2) From B-17 (HAI) ~~MW-16B~~ ground elevation

(3) From B-12 (HAI) MW-17B ground elevation

(4) From MW-5B ground elevation

(5) From DCL01-2 & -3 (HAI) ~~MW-15B~~ lithology

(6) From B-17 (HAI) ~~MW-16B~~ lithology

(7) From B-12 (HAI) ~~MW-17B~~ lithology

(8) From MW-5B lithology

(9) Based on site-specific lithology and water level data. Subject to change per field findings during well installation.

* Monitoring wells MW-18B, -19B and -20B were installed as the Cell 7 construction permit and will be submitted under a separate cover.

REVISED DECEMBER ~~MAY~~ 2016

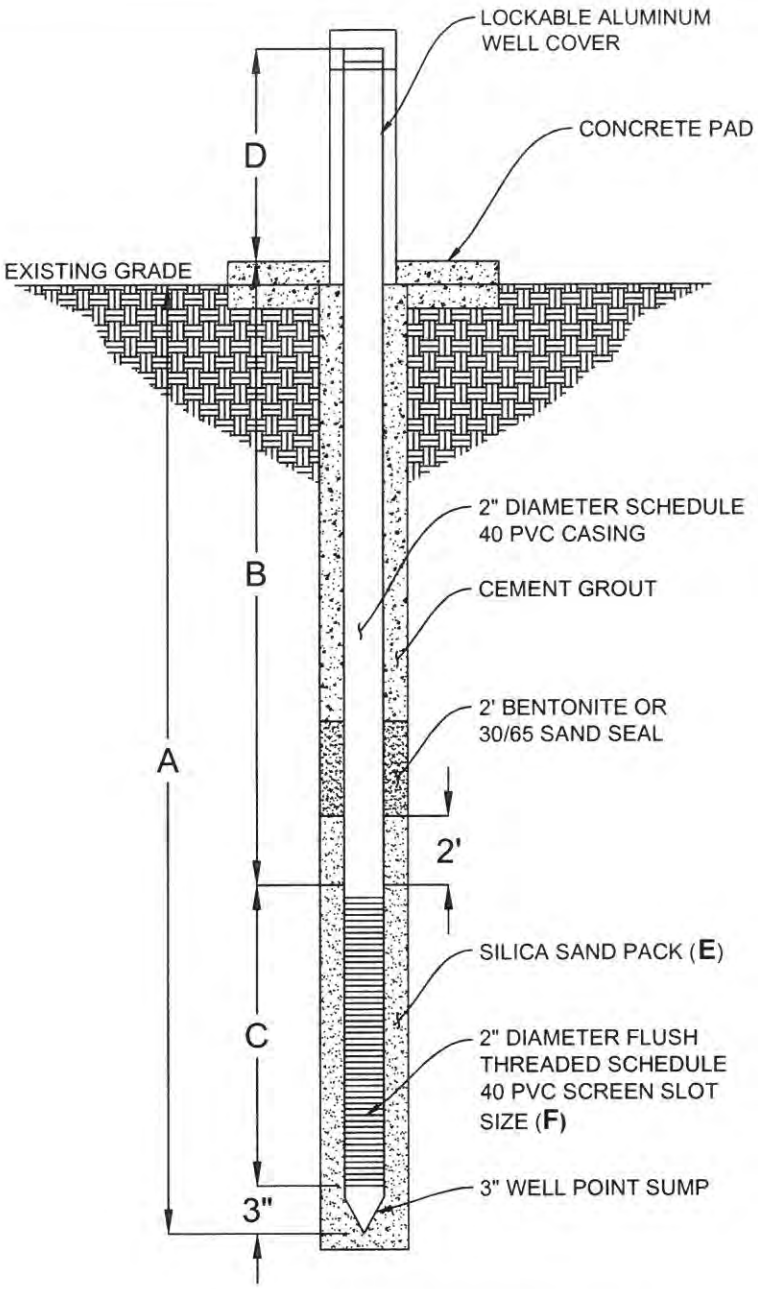
Locklear & Associates
Engineering & Environmental Consulting

ENTERPRISE ROAD RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

~~PROPOSED~~ FLORIDAN AQUIFER MONITOR WELL DETAIL

REV FIGURE 3

FIGURE NOT TO SCALE



WELL	A	B	C	D	E	F	TOP OF WELL SCREEN ELEVATION FT, NGVD	BOTTOM OF WELL SCREEN ELEVATION FT, NGVD	ASSUMED GROUND SURFACE ELEVATION FT, NGVD	ASSUMED LIMESTONE SURFACE ELEVATION FT, NGVD
MW-18A (1)	25'	5'	20'	3"	20/30	0.010"	143' (8)	123' (8)	148' (2)	80' ~~416'~~ (2) (6)
MW-19A (1)	42' ~~25'~~	22' ~~5'~~	20'	3"	20/30	0.010"	128' ~~133'~~ (8)	108' ~~113'~~ (8)	150' ~~138'~~ (3)	80' ~~64'~~ (3) (6)
MW-20A (1)	40' ~~25'~~	20' ~~5'~~	20'	3"	20/30	0.010"	115' ~~82'~~ (8)	95' ~~62'~~ (8)	135' ~~87'~~ (4)	70' ~~34'~~ (4) (6)
MW-5AR	23' ~~28'~~ 27	8' 12	15' ~~20'~~	3"	20/30	0.010"	79' (8)	64' ~~59'~~ (8)	87' (6) 90.7	60' (7)

NOTES:

(1) Wells MW-18A, -19A and -20A were not installed due to the absence of water bearing sediments above the Floridan aquifer confining layer encountered during MW--18B, -19B and -20B installation.

(2) From DCL01-2 & -3 (HAI) ~~MW-15B~~ elevation and lithology

(3) From B-17 (HAI) ~~MW-16B~~ elevation and lithology

(4) From B-12 (HAI) ~~MW-17B~~ elevation and lithology

(5) From Cell 6 well lithologies

(6) From MW-5A elevation

(7) From MW-5A lithology

(8) Based on site-specific lithology and water level. Subject to change per field findings during well installation.

REVISED DECEMBER ~~MAY~~ 2016

Locklear & Associates
Engineering & Environmental Consulting

ENTERPRISE ROAD RECYCLING AND DISPOSAL FACILITY
DADE CITY, FLORIDA

PROPOSED SURFICIAL AQUIFER MONITOR WELL DETAIL

REV FIGURE 2

Locklear & Associates, Inc.
Environmental Consulting Services

4140 NW 37th Place, Suite A
Gainesville, FL 32606
352-672-6867

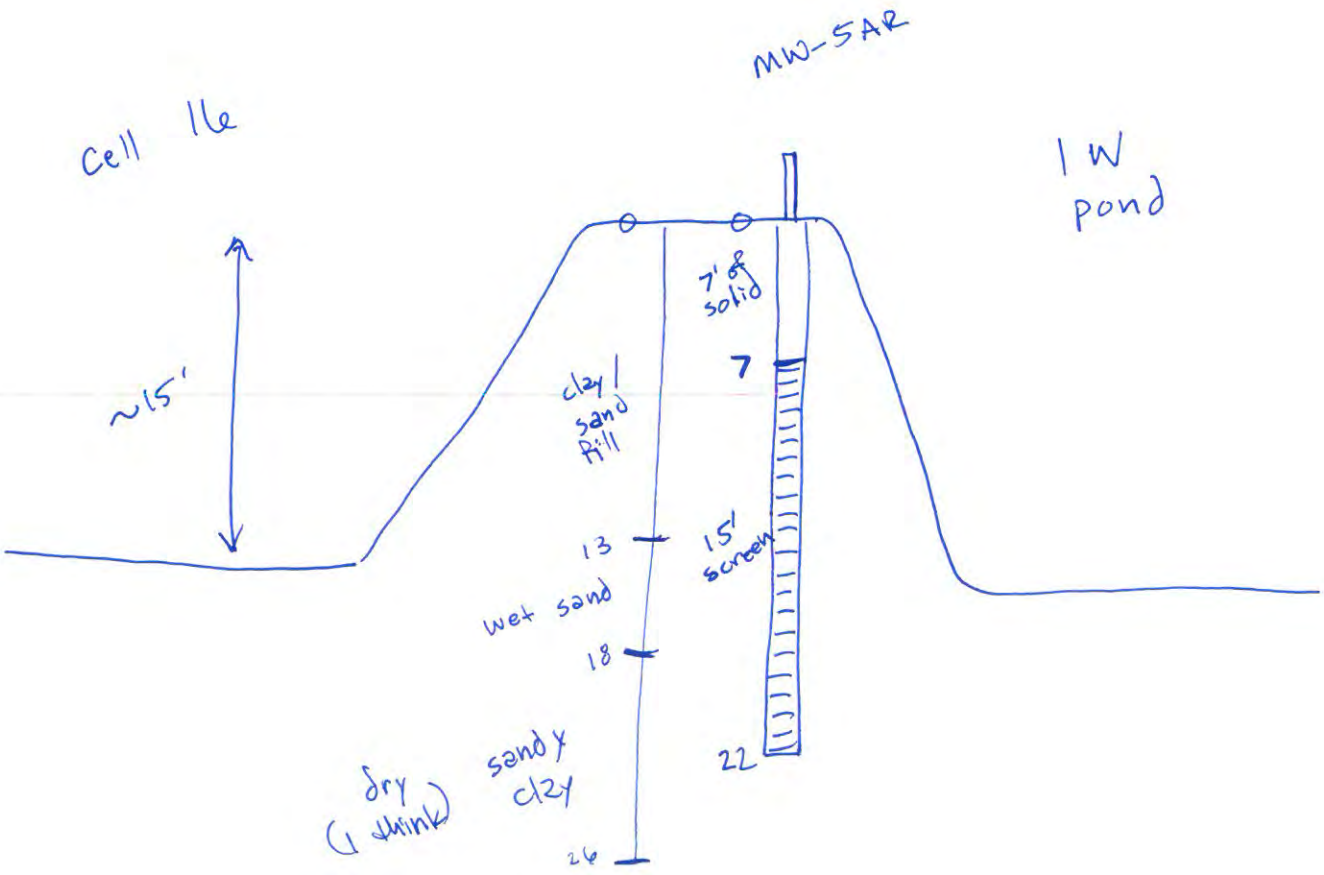
4/5/18 Enterprise landfill

MW-5BR / MW-5AR

0'-13'	Clayey material (clayey sand ; sandy clay mix) -presumably material to construct pond/ cell boundary berm
13 - 18'	Dark gray wet slightly clayey sand
18 - 26	Dark brown and gray sandy clay
26 - 28	Gray clay
28 - 38	Gray clay w/ few limestone fragments
38 - 60	Gray - white limestone

MW-5BR: TD = 60'; screen inter. 30-50' NGVD ; solid inter. 50-90'
10 bags 20/30 sand ; 1 bag fine sand

MW-5AR: TD = 22' ; screen inter 68'-83' NGVD ; solid inter 83-90



ATTACHMENT 2

STATE OF FLORIDA PERMIT APPLICATIONS TO CONSTRUCT A WELL
[FORM LEG-R.040.01 (6/10) RULE 40D-3.101 (1), F.A.C.]

AND

STATE OF FLORIDA WELL COMPLETION REPORTS
[FORM LEG-R.005.02 (6/10) RULE 40D-3.411 (1)(A), F.A.C.]

STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- [X] Southwest
- [ ] Northwest
- [ ] St. Johns River
- [ ] South Florida
- [ ] Suwannee River
- [ ] DEP
- [ ] Delegated Authority (If Applicable) _____

PLEASE FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

The water well contractor is responsible for completing this form and forwarding the permit application to the appropriate delegated authority where applicable.

Permit No. **868053**
Florida Unique ID _____
Permit Stipulations Required (See Attached) **23, 39**
62-524 Quad No. **Q3518** Delineation No. _____
CUP/WUP Application No. _____

ABOVE THIS LINE FOR OFFICIAL USE ONLY

1. **Angelo's Aggregate Materials Ltd** (*Owner, Legal Name if Corporation) **PO BOX 1493** (*Address) **LARGO** (*City) **FL** (*State) **33712** (*ZIP) _____ (*Telephone Number)
2. **41111 Enterprise Rd.** (*Well Location - Address, Road Name or Number, City) **Dade City**
3. **22250500000050000031** (*Parcel ID No. (PIN) or Alternate Key (Circle One)) Lot _____ Block _____ Unit _____
4. **5** (*Section or Land Grant) **25** (*Township) **22** (*Range) **Pasco** (*County) Subdivision _____ Check if 62-524: ___ Yes **X** No
5. **James P Hinst** (*Water Well Contractor) **9311** (*License Number) **(407) 426-7885** (*Telephone Number) **jim@drillprollc.com** E-mail Address
6. **2300 SILVER STAR RD** (*Water Well Contractor's Address) **ORLANDO** City **FL** State **32804** ZIP

7. *Type of Work: **X** Construction ___Repair ___Modification ___Abandonment *Reason for Repair, Modification, or Abandonment _____
8. *Number of Proposed Wells **5**
9. *Specify Intended Use(s) of Well(s):

___Domestic ___Landscape Irrigation ___Agricultural Irrigation ___Site Investigation
___Bottled Water Supply ___Recreation Area Irrigation ___Livestock **X** Monitoring
___Public Water Supply (Limited Use/DOH) ___Nursery Irrigation ___Test
___Public Water Supply (Community or Non-Community/DEP) ___Commercial/Industrial ___Earth-Coupled Geothermal
___Class I Injection ___Golf Course Irrigation ___HVAC Supply
Class V Injection: ___Recharge ___Commercial/Industrial Disposal ___Aquifer Storage and Recovery ___Drainage ___HVAC Return
Remediation: ___Recovery ___Air Sparge ___Other (Describe) _____
___Other (Describe) _____ (Note: Not all types of wells are permitted by a given permitting authority)

Date Stamp
Received:
Mar 19, 2018 3:20 pm
Official Use Only

10. *Distance from Septic System if ≤200 ft. _____ 11. Facility Description _____ 12. Estimated Start Date **03/19/2018**
13. *Estimated Well Depth **50** ft. *Estimated Casing Depth **30.0** ft. *Primary Casing Diameter **2** in. Open Hole: From ___ To ___ ft.
14. Estimated Screen Interval: From ___ To ___ ft.
15. *Primary Casing Material: ___Black Steel ___Galvanized **X** PVC ___Stainless Steel ___Not Cased ___Other: _____
16. Secondary Casing: ___Telescope Casing ___Liner ___Surface Casing Diameter ___ in.
17. Secondary Casing Material: ___Black Steel ___Galvanized ___PVC ___Stainless Steel ___Other _____
18. *Method of Construction, Repair, or Abandonment: ___Auger ___Cable Tool ___Jetted ___Rotary **X** Sonic ___Combination (Two or More Methods) ___Hand Driven (Well Point, Sand Point) ___Hydraulic Point (Direct Push) ___Horizontal Drilling ___Plugged by Approved Method ___Other (Describe) _____
19. Proposed Grouting Interval for the Primary, Secondary, and Additional Casing:
From ___ To ___ Seal Material (___Bentonite ___Neat Cement ___Other ___)
From ___ To ___ Seal Material (___Bentonite ___Neat Cement ___Other ___)
From ___ To ___ Seal Material (___Bentonite ___Neat Cement ___Other ___)
From ___ To ___ Seal Material (___Bentonite ___Neat Cement ___Other ___)
20. Indicate total number of existing wells on site **0** List number of existing unused wells on site **0**
21. *Is this well or any existing well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUP/WUP) or CUP/WUP Application? ___Yes **X** No If yes, complete the following: CUP/WUP No. _____ District Well ID No. _____
22. Latitude **28 20 07.79** Longitude **82 07 51.73**
23. Data Obtained From: ___GPS **X** Map ___Survey Datum: ___NAD 27 **X** NAD 83 ___WGS 84

I hereby certify that I will comply with the applicable rules of Title 40, Florida Administration Code, and that a water use permit or artificial recharge permit, if needed, has been or will be obtained prior to commencement of well construction. I further certify that all information provided in this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after completion of the construction, repair, modification, or abandonment authorized by this permit, or the permit expiration, whichever occurs first.

I certify that I am the owner of the property, that the information provided is accurate, and that I am aware of my responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well; or, I certify that I am the agent for the owner; that the information provided is accurate, and that I have informed the owner of his responsibilities as stated above. Owner consents to allowing personnel of this WMD or Delegated Authority access to the well site during the construction, repair, modification, or abandonment authorized by this permit.

Digitally Signed (*Signature of Contractor) **9311** (*License No.) **Digitally Signed** (*Signature of Owner or Agent) **3/19/2018** (*Date)

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

Approval Granted By **Automatically Issued** Issue Date **03/19/2018** Expiration Date **06/17/2018** Hydrologist Approval _____ Initials

Fee Received $ **50.00** Receipt No. **41937341** Check No. _____

THIS PERMIT IS NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD OR DELEGATED AUTHORITY. THE PERMIT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL CONSTRUCTION, REPAIR, MODIFICATION, OR ABANDONMENT ACTIVITIES.

This permit is valid for 90 days from the date of Issue.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Well Construction Permit Application

Home | New Permit | Search Permits | My Account | Renew License | Log Out

Payment Receipt

Your Payment was Approved. Your permit application will now be submitted to the Southwest Florida Water Management District for review. You may check the status next time you login.

You may not begin well construction until you receive your signed approved permit from the District.

Southwest Florida Water Management District

Date/Time: 3/19/2018 3:20:25 PM
Clerk: Online Payment
Type: Well Construction

Well Address: 41111 Enterprise Rd.
Well City: Dade City
Permit No.: 868053
Receipt No.: 41937341

Charges

Sub Total:	$50.00
Convenience Fee:	$0.00
Total:	$50.00

Print Permit Application | Print Receipt

STATE OF FLORIDA WELL COMPLETION REPORT

☒ Southwest
☐ Northwest
☐ St. Johns River
☐ South Florida
☐ Suwannee River
☐ DEP
☐ Delegated Authority (If Applicable) _____

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Date Stamp
Received:
Apr 10, 2018 1:13 pm

Official Use Only

1. *Permit Number **868053** *CUP/WUP Number _____ *DID Number _____ 62-524 Delineation No. _____

2. *Number of permitted wells constructed, repaired, or abandoned **5** *Number of permitted wells not constructed, repaired, or abandoned **0**

3. *Owner's Name **Angelo's Aggregate Materials Ltd** 4. *Completion Date **04/06/2018** 5. Florida Unique ID _____

6. **41111 Enterprise Rd.** **Dade City**
*Well Location - Address, Road Name or Number, City, ZIP

7. *County **Pasco** *Section **5** Land Grant _____ *Township **25** *Range **22**

8. Latitude **28 20 07.33** Longitude **82 07 51.86**

9. Data Obtained From: ____ GPS **X** Map ____ Survey Datum: ____ NAD 27 **X** NAD 83 ____ WGS 84

10. *Type of Work: **X** Construction ____ Repair ____ Modification ____ Abandonment

11. *Specify Intended Use(s) of Well(s):
____ Domestic
____ Bottled Water Supply
____ Public Water Supply (Limited Use/DOH)
____ Public Water Supply (Community or Non-Community/DEP)
____ Class I Injection
____ Landscape Irrigation
____ Recreation Area Irrigation
____ Agricultural Irrigation
____ Livestock
____ Nursery Irrigation
____ Commercial/Industrial
____ Golf Course Irrigation
____ Site Investigation
X Monitoring
____ Test
____ Earth-Coupled Geothermal
____ HVAC Supply
____ HVAC Return
Class V Injection: ____ Recharge ____ Commercial/Industrial Disposal ____ Aquifer Storage and Recovery ____ Drainage
Remediation: ____ Recovery ____ Air Sparge ____ Other (Describe) _____
____ Other (Describe) _____

12. *Drill Method: ____ Auger ____ Cable Tool ____ Rotary ____ Combination (Two or More Methods) ____ Jetted **X** Sonic ____ Horizontal Drilling ____ Hydraulic Point (Direct Push) ____ Other _____

13. *Measured Static Water Level **0.0** ft. Measured Pumping Water Level _____ ft. After _____ Hours at _____ GPM

14. *Measuring Point (Describe) _____ Which is _____ ft. _____ Above _____ Below Land Surface *Flowing: ____ Yes ____ No

15. *Casing Material: ____ Black Steel ____ Galvanized **X** PVC ____ Stainless Steel ____ Not Cased ____ Other _____

16. *Total Well Depth **60.0** ft. Cased Depth **40.0** ft. *Open Hole: From _____ To _____ ft. *Screen: From _____ To _____ ft. Slot Size _____

17. *Abandonment: ____ Other (Explain) _____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____

18. *Surface Casing Diameter and Depth:
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____

19. *Primary Casing Diameter and Depth:
Dia 2.00 in. From 0.00 ft. To 36.00 ft. No. of Bags 4.00 Seal Material (Check One): **X** Neat Cement ____ Bentonite ____ Other ____
Dia 2.00 in. From 36.00 ft. To 40.00 ft. No. of Bags 2.00 Seal Material (Check One): ____ Neat Cement ____ Bentonite **X** Other Sand
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____

20. *Liner Casing Diameter and Depth:
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____

21. *Telescope Casing Diameter and Depth:
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____ Neat Cement ____ Bentonite ____ Other ____

22. Pump Type (If Known):
____ Centrifugal ____ Jet ____ Submersible ____ Turbine
Horsepower _____ Pump Capacity (GPM) _____
Pump Depth _____ ft. Intake Depth _____ ft.

23. Chemical Analysis (When Required):
Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm
____ Laboratory Test ____ Field Test Kit

24. Water Well Contractor:

*Contractor Name **James P Hinst** *License Number **9311** E-mail Address **jim@drillprollc.com**

*Contractor's Signature **Digitally Signed**
(I certify that the information provided in this report is accurate and true.)

*Driller's Name (Print or Type) **Dave Longino**

FORM LEG-R.005.02 (06/10) Rule 40D-3.411 (1)(a), F.A.C. EFFECTIVE DATE: 9/12/2010

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
2379 BROAD STREET, BROOKSVILLE, FL 34604-6899
PHONE: (352) 796-7211 or (800) 423-1476
WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
4049 REID STREET, PALATKA, FL 32178-1429
PHONE: (386) 329-4500
WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712
(U.S. Highway 90, 10 miles west of Tallahassee)
PHONE: (850) 539-5999
WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
P.O. BOX 24680
3301 GUN CLUB ROAD
WEST PALM BEACH, FL 33416-4680
PHONE: (561) 686-8800
WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
9225 CR 49
LIVE OAK, FL 32060
PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)
WWW.MYSUWANNEERIVER.COM

***DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From (ft.)	To (ft.)	Color	Grain Size (F, M, C)	Material
0.0	15.0	ORANGE	NOT APPLI	CLAY
15.0	35.0	ORANGE	NOT APPLI	SANDY CLAY
35.0	60.0	NOT APPLICABLE	NOT APPLI	LIMESTONE

Comments: Finish: SCREENED OR SANDPOINT

GP WO 318042 MW 5 BR

***Detailed Site Map of Well Location**

N

Give distances from all reference points or structures, septic systems, sanitary hazards, and contamination sources within 500 ft. of well.

STATE OF FLORIDA WELL COMPLETION REPORT

☒ Southwest
☐ Northwest
☐ St. Johns River
☐ South Florida
☐ Suwannee River
☐ DEP
☐ Delegated Authority (If Applicable) _____

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Date Stamp
Received:
Apr 10, 2018 1:13 pm
Official Use Only

1. *Permit Number 868053 *CUP/WUP Number _____ *DID Number _____ 62-524 Delineation No. _____

2. *Number of permitted wells constructed, repaired, or abandoned 5 *Number of permitted wells not constructed, repaired, or abandoned 0

3. *Owner's Name Angelo's Aggregate Materials Ltd 4. *Completion Date 04/06/2018 5. Florida Unique ID _____

6. 41111 Enterprise Rd. Dade City
*Well Location - Address, Road Name or Number, City, ZIP

7. *County Pasco *Section 5 Land Grant _____ *Township 25 *Range 22

8. Latitude 28 20 09.12 Longitude 82 07 49.05

9. Data Obtained From: ____GPS __X__Map ____Survey Datum: ____NAD 27 __X__NAD 83 ____WGS 84

10. *Type of Work: __X__Construction ____Repair ____Modification ____Abandonment

11. *Specify Intended Use(s) of Well(s):

____Domestic
____Bottled Water Supply
____Public Water Supply (Limited Use/DOH)
____Public Water Supply (Community or Non-Community/DEP)
____Class I Injection
____Landscape Irrigation
____Recreation Area Irrigation
____Agricultural Irrigation
____Livestock
____Nursery Irrigation
____Commercial/Industrial
____Golf Course Irrigation
____Site Investigation
__X__Monitoring
____Test
____Earth-Coupled Geothermal
____HVAC Supply
____HVAC Return

Class V Injection: ____Recharge ____Commercial/Industrial Disposal ____Aquifer Storage and Recovery ____Drainage
Remediation: ____Recovery ____Air Sparge ____Other (Describe) _____
____Other (Describe) _____

12. *Drill Method: ____Auger ____Cable Tool ____Rotary ____Combination (Two or More Methods) ____Jetted __X__Sonic
____Horizontal Drilling ____Hydraulic Point (Direct Push) ____Other _____

13. *Measured Static Water Level 0.0 ft. Measured Pumping Water Level _____ ft. After _____ Hours at _____ GPM

14. *Measuring Point (Describe) _____ Which is ____ ft. ____Above ____Below Land Surface *Flowing: ____Yes ____No

15. *Casing Material: ____Black Steel ____Galvanized __X__PVC ____Stainless Steel ____Not Cased ____Other _____

16. *Total Well Depth 22.0 ft. Cased Depth 7.0 ft. *Open Hole: From ____ To ____ ft. *Screen: From ____ To ____ ft. Slot Size ____

17. *Abandonment: ____Other (Explain) _____

From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____

18. *Surface Casing Diameter and Depth:

Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____

19. *Primary Casing Diameter and Depth:

Dia 2.00 in. From 0.00 ft. To 3.00 ft. No. of Bags 0.25 Seal Material (Check One): __X__Neat Cement ____Bentonite ____Other ____
Dia 2.00 in. From 3.00 ft. To 7.00 ft. No. of Bags 2.00 Seal Material (Check One): ____Neat Cement ____Bentonite __X__Other Sand
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____

20. *Liner Casing Diameter and Depth:

Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____

21. *Telescope Casing Diameter and Depth:

Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____
Dia ____ in. From ____ ft. To ____ ft. No. of Bags ____ Seal Material (Check One): ____Neat Cement ____Bentonite ____Other ____

22. Pump Type (If Known):
____Centrifugal ____Jet ____Submersible ____Turbine
Horsepower _____ Pump Capacity (GPM) _____
Pump Depth _____ ft. Intake Depth _____ ft.

23. Chemical Analysis (When Required):
Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm
____Laboratory Test ____Field Test Kit

24. Water Well Contractor:

*Contractor Name James P Hinst *License Number 9311 E-mail Address jim@drillprollc.com

*Contractor's Signature Digitally Signed (I certify that the information provided in this report is accurate and true.) *Driller's Name (Print or Type) Dave Longino

FORM LEG-R.005.02 (06/10) Rule 40D-3.411 (1)(a), F.A.C. EFFECTIVE DATE: 9/12/2010

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
2379 BROAD STREET, BROOKSVILLE, FL 34604-6899
PHONE: (352) 796-7211 or (800) 423-1476
WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
4049 REID STREET, PALATKA, FL 32178-1429
PHONE: (386) 329-4500
WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712
(U.S. Highway 90, 10 miles west of Tallahassee)
PHONE: (850) 539-5999
WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
P.O. BOX 24680
3301 GUN CLUB ROAD
WEST PALM BEACH, FL 33416-4680
PHONE: (561) 686-8800
WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
9225 CR 49
LIVE OAK, FL 32060
PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)
WWW.MYSUWANNEERIVER.COM

***DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From (ft.)	To (ft.)	Color	Grain Size (F, M, C)	Material
0.0	15.0	ORANGE	NOT APPLI	CLAY
15.0	22.0	ORANGE	NOT APPLI	SANDY CLAY

Comments: Finish: SCREENED OR SANDPOINT

GP WO 318042 IW 2

***Detailed Site Map of Well Location**

N

Give distances from all reference points or structures, septic systems, sanitary hazards, and contamination sources within 500 ft. of well.

ATTACHMENT 3

FIGURE 1, SITE MONITORING NETWORK

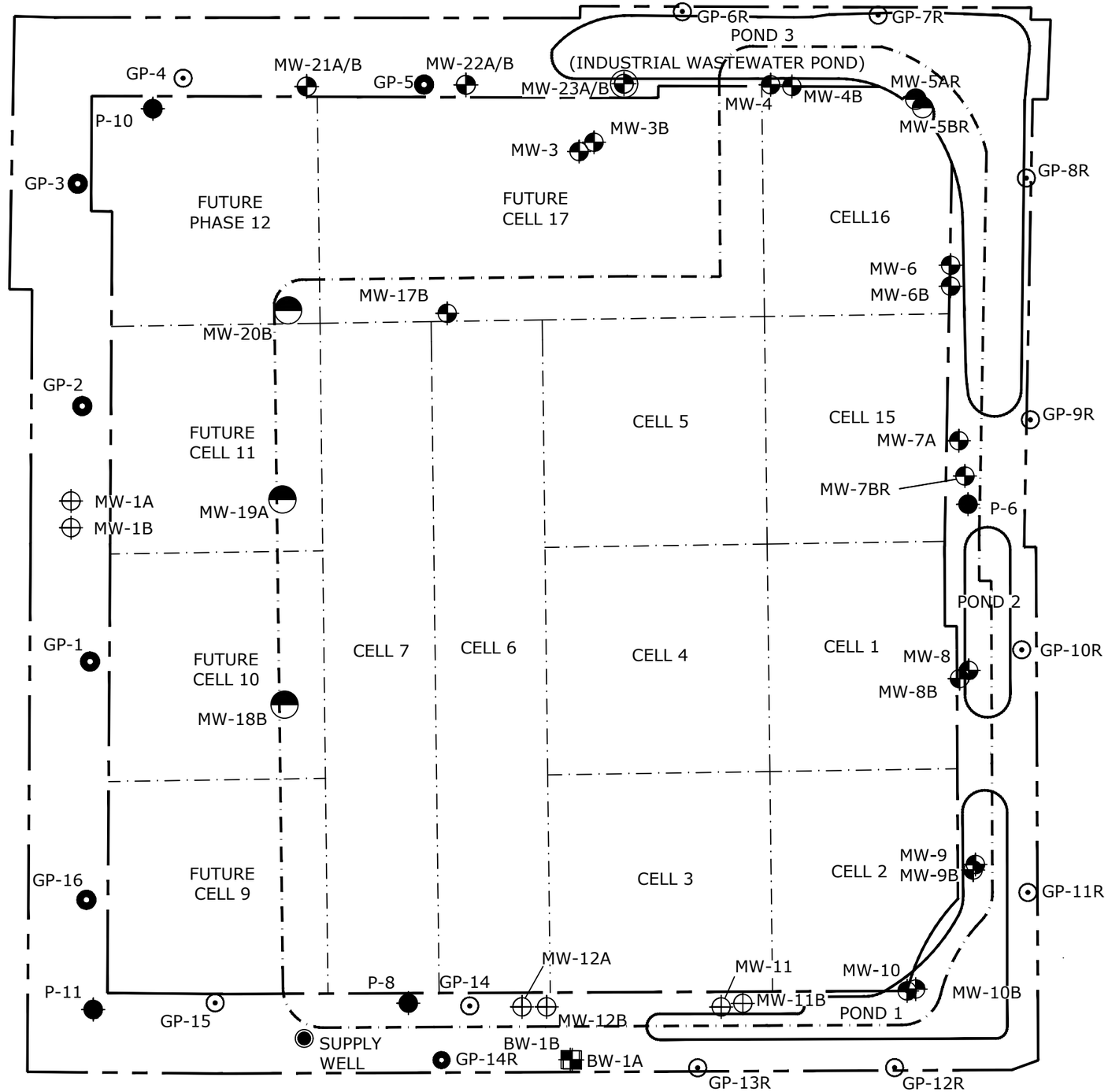
LEGEND

BW-1B	BACKGROUND MONITORING WELL LOCATION
MW-7A	DETECTION MONITORING WELL LOCATION
MW-21A	PROPOSED DETECTION MONITORING WELL LOCATION
	SUPPLY WELL LOCATION
P-11	SOLID WASTE PIEZOMETER WELL LOCATION
MW-5AR	SCHEDULED COMPLIANCE MONITORING WELL LOCATION
MW-12A	WATER LEVEL ONLY WELL LOCATION
MW-3	PROPOSED TO BE ABANDONED
MW-5B	SCHEDULED TO BE ABANDONED
MW-19B	COMPLIANCE MONITORING WELL LOCATION
MW-23B	PROPOSED COMPLIANCE MONITORING WELL LOCATION
GP−1	GAS PROBE LOCATION
GP−8R	FUTURE GAS PROBE LOCATION
	PROPERTY BOUNDARY
	LANDFILL LIMITS
	CELL BOUNDARY
	ZONE OF DISCHARGE

N

0 300 600

GRAPHIC SCALE



NO.	DATE	REVISION DESCRIPTION	BY

Locklear & Associates

4140 NW 37th Place, Suite A
Gainesville, Florida 32606
Phone: 352.672.6867 Fax: 352.692.5390
Certificate of Authorization No. 30066

PROJECT TITLE:

ENTERPRISE ROAD CLASS III RECYCLING AND DISPOSAL FACILITY DADE CITY, FLORIDA

LISA J. BAKER	DESIGNED BY	LJB
	DRAWN BY	LJB
	CHECKED BY	JDL
FL PE NO. 74652	APPROVED BY	LJB

SHEET TITLE:

SITE MONITORING NETWORK

PROJECT NO.: 02000-144-14
SCALE: AS SHOWN
DATE: APRIL 2018
DRAWING: **FIGURE 1**

P:\P Drive Files\ANGELOS (FLORIDA)\Enterprise Class III\COMPLIANCE MONITORING\Permit Renewal\2018 Permit Renewal\SECTION 5 - Groundwater Monitoring Plan\CAD\Figure 1.dwg PLOT DATE 5/4/2018 9:37 AM BY LJB

ATTACHMENT 4

LABORATORY ANALYTICAL REPORTS

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

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

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**

Parameter	Preparation	Hold Date/Time(s)				Prep Date/Time(s)		Analysis Date/Time(s)	
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**

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	09:41

Client ID: EQUIPMENT BLANK **Lab ID: AB02092-02** **Sampled: 04/11/18 13:47** **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	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**

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	09:50

www.encolabs.com

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

Lab Sample ID: AB02092-01
Sampled: 04/11/18 13:20
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-01
Sampled: 04/11/18 13:20
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-01
Sampled: 04/11/18 13:20
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

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

Lab Sample ID: AB02092-01
Sampled: 04/11/18 13:20
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-01
Sampled: 04/11/18 13:20
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-01
Sampled: 04/11/18 13:20
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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	

www.encolabs.com

ANALYTICAL RESULTS

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

Lab Sample ID: AB02092-01
Sampled: 04/11/18 13:20
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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-200	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
Matrix: Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AB02092-02
Sampled: 04/11/18 13:47
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-02
Sampled: 04/11/18 13:47
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-02
Sampled: 04/11/18 13:47
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

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

Lab Sample ID: AB02092-02
Sampled: 04/11/18 13:47
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-02
Sampled: 04/11/18 13:47
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-02
Sampled: 04/11/18 13:47
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-02
Sampled: 04/11/18 13:47
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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-200	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
Matrix: Ground Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AB02092-03
Sampled: 04/11/18 14:58
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-03
Sampled: 04/11/18 14:58
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-03
Sampled: 04/11/18 14:58
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-03
Sampled: 04/11/18 14:58
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-03
Sampled: 04/11/18 14:58
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-03
Sampled: 04/11/18 14:58
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-03
Sampled: 04/11/18 14:58
Sampled By: Chris Monaco

Received: 04/11/18 17:15
Work Order: AB02092

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-200	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
Matrix: Water
Project: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

Lab Sample ID: AB02092-04
Sampled: 04/11/18 00:00
Sampled By: Enco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-04
Sampled: 04/11/18 00:00
Sampled By: Enco

Received: 04/11/18 17:15
Work Order: AB02092

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

Lab Sample ID: AB02092-05
Sampled: 04/11/18 00:00
Sampled By: Enco

Received: 04/11/18 17:15
Work Order: AB02092

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	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							
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

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	Flag	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	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.61	U	1.0	ug/L							
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	Flag	PQL	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	Flag	PQL	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	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.94 U	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	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.94 U	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	PQL	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	PQL	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	PQL	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							
Methapyrilene	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	PQL	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	22-130			

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	PQL	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	PQL	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	PQL	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*			

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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.24		0.020	ug/L	0.250	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	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dibromo-3-chloropropane	0.23		0.020	ug/L	0.250	0.012 U	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	PQL	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	PQL	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	PQL	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	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	0.29	U	5.0	mg/L							
Nitrate as N	0.052	U	1.0	mg/L							U

LCS (8D12001-BS1) Prepared: 04/11/2018 08:24 Analyzed: 04/12/2018 11:24

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

LCS (8D12026-BS1) Prepared: 04/12/2018 11:06 Analyzed: 04/12/2018 11:28

Analyte	Result	Flag	PQL	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	PQL	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	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.98		0.020	mg/L	1.00	0.0073 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	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.91		0.020	mg/L	1.00	0.0073 U	91	90-110	2	10	

Batch 8D12034 - NO PREP

Blank (8D12034-BLK1) Prepared: 04/12/2018 17:20 Analyzed: 04/13/2018 21:32

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

LCS (8D12034-BS1) Prepared: 04/12/2018 17:20 Analyzed: 04/13/2018 21:32

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

Duplicate (8D12034-DUP1) Prepared: 04/12/2018 17:20 Analyzed: 04/13/2018 21:32

Source: AB02092-01

Analyte	Result	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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	Flag	PQL	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.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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

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

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

www.encolabs.com

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

Requested Analyses

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder # : AB02092

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 2 FL,8011	8081B Appendix 2,8082A Appendix 2,8151A Appendix 2	Chloride 300,Nitrate as N 300	8270 App2,Cyanide SM4500-CN E,Sulfide SM4500-S F	8270D Extended 4/11/18	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Na,Ni,Pb,Sb,Se,Sn,Tl,V,Zn	Ammonia 350.1	As,Fe,Hg,Mn,Na 4/11/18	TDS SM2540C 4/11/18	Chloride 300,Color SM2120B,Nitrate as N 300	Sample Comments
	MW-5AR	4-11-18	1320	Grab	GW	14	X	X	X	X		X	X		X		
	Equipment Blank	4-11-18	1347	Grab	O	14	X	X	X	X		X	X		X		O=Field DI Water
	MW-5BR	4-11-18	1458	Grab	GW	14	X	X	X	X		X	X		X		
	trip blank	—	—	Grab	OT	2	X	—	—	—		—	—		—		OT= Lab Supplied
	trip blank	—	—	Grab	OT	2	X	—	—	—		—	—		—		OT= Lab Supplied

<-- Total # of Containers

Sample Kit Prepared By: ECo	Date/Time: 3/27/18 10:30	Relinquished By:	Date/Time: 3/27/18 10:30
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time: 4-11-18 1527
		Relinquished By:	Date/Time: 4-11-18 1715

Received By:	Date/Time: 3/29/18 1200		
Received By:	Date/Time: 4-11-18 1527		
Received By:	Date/Time: 4-11-15 1715		

Cooler #'s & Temps on Receipt: L6355 4.0°C, ENC-4 4.1°C

Condition Upon Receipt: ✓ Acceptable ___ Unacceptable

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

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

ATTACHMENT 5

SAMPLING FIELD DATA SHEETS

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-5AR**	WACS_WELL: 38178	DATE: 4-11-18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .170	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 16.92	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (25.00 feet – 16.92 feet) X .16 gallons/foot = 1.29 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (.0012 gallons/foot X 35.00 feet) + .032 gallons = .08 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.00	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.50	PURGING INITIATED AT: 1209	PURGING ENDED AT: 1253	TOTAL VOLUME PURGED (gallons): 1.55

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1247	1.33	1.33	.035	19.20	6.80	22.90	424	2.35	2.80	None	None
1250	.11	1.44	.035	19.39	6.78	22.93	424	2.30	2.00	None	None
1253	.11	1.55	.035	19.53	6.71	23.02	420	2.21	1.00	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1253	SAMPLING ENDED AT: 1320
PUMP OR TUBING DEPTH IN WELL (feet): 22.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y [N]	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5AR	3	CG	40 mL	HCL	None	Not Req'd	8260B (app 2)	PP	≈ 100
MW-5AR	1	PE	250 mL	HNO_3	None	<2	Metals	PP	≈ 132
MW-5AR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	PP	≈ 132
MW-5AR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 132
MW-5AR	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100
MW-5AR	1	PE	250 mL	Zn Ac NaOH	None	>9	Sulfide	PP	≈ 132
MW-5AR	2	AG	250 mL	4° C	None	Not Req'd	8151A / 8082A (app 2)	PP	≈ 132
MW-5AR	1	AG	250 mL	4° C	None	Not Req'd	8081B (app 2)	PP	≈ 132
MW-5AR	1	AG	1L	4° C	None	Not Req'd	8270 (app 2)	PP	≈ 132
MW-5AR	1	PE	250 mL	NaOH	None	>9	Cyanide	PP	≈ 132

REMARKS: Depth to water @ sample end = 21.42
ORP= +113.1 Measured TD = 25.18

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

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

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

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

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: Angelo's Aggregate Materials, LTD Enterprise Class III Landfill	SITE LOCATION: Pasco County, Florida	
WELL NO: **MW-5BR**	WACS_WELL: 30179	DATE: 4-11-18

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): .170	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 26.88	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (63.00 feet − 26.88 feet) X .16 gallons/foot = 5.78 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (.0012 gallons/foot X 35.00 feet) + .032 gallons = .08 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.50	PURGING INITIATED AT: 1402	PURGING ENDED AT: 1448	TOTAL VOLUME PURGED (gallons): 18.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1442	16.00	16.00	.40	26.88	7.16	23.94	360	1.85	.50	None	None
1445	1.20	17.20	.40	26.88	7.02	23.93	358	1.65	.50	None	None
1448	1.20	18.40	.40	26.88	7.00	23.95	356	1.64	.50	None	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Chris Monaco or Karen LeBeau, Ideal Tech Services, Inc.	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1448	SAMPLING ENDED AT: 1458
PUMP OR TUBING DEPTH IN WELL (feet): 27.50	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y [N] Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y [N]	TUBING Y [N (replaced)]	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5BR	3	CG	40 mL	HCL	None	Not Req'd	8260B (app 2)	PP	≈ 100
MW-5BR	1	PE	250 mL	HNO_3	None	<2	Metals	PP	≈ 1325
MW-5BR	1	PE	250 mL	H_2SO_4	None	<2	Ammonia (350.1)	PP	≈ 1325
MW-5BR	1	PE	250 mL	4° C	None	Not Req'd	Chloride, Nitrate, TDS	PP	≈ 1325
MW-5BR	2	CG	40 mL	4° C	None	Not Req'd	8011	PP	≈ 100
MW-5BR	1	PE	250 mL	Zn Ac NaOH	None	7 9	Sulfide	PP	≈ 1325
MW-5BR	2	AG	250 mL	4° C	None	Not Req'd	8151A / 8082A (app 2)	PP	≈ 1325
MW-5BR	1	AG	250 mL	4° C	None	Not Req'd	8081B (app 2)	PP	≈ 1325
MW-5BR	1	AG	1L	4° C	None	Not Req'd	8270 (app 2)	PP	≈ 1325
MW-5BR	1	PE	250 mL	NaOH	None	79	Cyanide	PP	≈ 1325

REMARKS: measured TD = 63.63 Slowed pump to Sample
ORP= +259.1

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

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

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

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

CALIBRATION LOG

ITS Work Order Number: ARM-EL-44-041118

CLIENT: Angelo's Recycled Materials

ADDRESS: 41111 Enterprise Road

CITY, STATE: Dade City, FL 33525-1539 Site: Enterprise Class III Landfill

START CAL DATE @ TIME: 04/11/18 @ 0710 END CALIBRATION DATE @ TIME: 04/11/18 @ 1730

YSI 556 MULTI PARAMETER METER - S/N 05G1942 AI (ITS #2) REV 5.38

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

Standard	METER READING INITIAL	METER READING CCV	VERIFY @ START	LOT NUMBER	EXP DATE
4.005	4.00	3.99	–	CC499467	Apr-19
7.000	7.00	7.02	7.00	CC506435	Jun-19
10.012	10.01	10.00	–	CC502429	May-19

Standards are prepared by OAKTON. Liquid Temp: N/A

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

STANDARD (ERTCO Thermometer)		YSI METER TEMP READING LOW	YSI METER TEMP READING HIGH	LOT NUMBER	DATE PERFORMED (Quarterly)
LOW	5.20	5.22		NA	11/03/17
HIGH	29.10		29.09		11/03/17

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

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

STANDARD (ppm)	METER READING INITIAL	METER READING CCV	LOT NUMBER	EXPIRATION DATE
0.00	.18	.17	7GE852	May-18
fresh air @				
19.07 °C	9.24			
26.70 °C		7.98		

Zero D.O. standard is Sodium Sulfite, Cobalt Chloride Hexahydrate, Water prepared by Oakton.

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

STANDARD µmhos	METER READING INITIAL	METER READING CCV	LOT NUMBER	EXPIRATION DATE
8,974	NM	NM	7GD334	Apr-18
2,764	2764	2769	7GA874	Jan-18
447	NM	NM	No Stock	No Stock
84	84	86	7GA373	Jan-18

Standards prepared by Oakton. All standards are potassium chloride solutions.

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

STANDARD (mV)	METER READING INITIAL	METER READING CCV	LOT NUMBER	EXPIRATION DATE
200	200	202	7GH1059	May-18
400	400	399	7GG040	Jul-18

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

HACH POCKET COLORIMETER II S/N 06070D052733

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

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

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

STANDARD (ntu)	METER READING INITIAL	METER READING CCV	LOT NUMBER	EXPIRATION DATE
1000	NM	NM	See Below	Sep-18
100	100	100	See Below	Sep-18
10	10	10	See Below	Sep-18
0.02	.02	.02	See Below	Sep-18

Nephelometric Turbidity Unit (NTU) Standards are prepared by Primetime, Set# 39071, Lot# 60973

Remarks:

Weather Conditions: Windy Sunny 70-75°F

Equipment Blank with D.I. water

Zephyrhills brand 18051 0345 1013

Equipment Blank Data - Collected @ 1347

pH = – Cond = –

Temp = – D.O. = –

Turbidity = –

Notes: NA - Not Applicable, NM - Not Measured, CCV - Continuing Calibration Verification Form Rev 5.38 on 11/03/17: Update for Calibration Solutions

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

COPY TO: John Arnold, P.E.

SIGNED: Karen LeBeau

Chris Monaco or Karen LeBeau

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

www.encolabs.com

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

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

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

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

Requested Analyses

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 2 FL,8011	8081B Appendix 2,8082A Appendix 2,8151A Appendix 2	Chloride 300,Nitrate as N 300	8270 App2,Cyanide SM4500-CN E,Sulfide SM4500-S E	8270D Extended	Ag,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Hg,Na,Ni,Pb,Sb,Se,Sn,Tl,V,Zn	Ammonia 350.1	As,Fe,Hg,Mn,Na	TDS SM2540C	Chloride 300,Color SM2120B,Nitrate as N 300
							Preservation (See Codes) (Combine as necessary)									
							I, O	I	I	I, O		N	S		I	
	MW-5AR	4-11-18	1320	Grab	GW	14	X	X	X	X		X	X		X	
	Equipment Blank	4-11-18	1347	Grab	O	14	X	X	X	X		X	X		X	
	MW-5BR	4-11-18	1458	Grab	GW	14	X	X	X	X		X	X		X	
	trip blank	✓	—	Grab	OT	2	X	—	—	—		—	—		—	
	trip blank	✓	—	Grab	OT	2	X	—	—	—		—	—		—	

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due ___/___/___

Lab Workorder: AB02092

Sample Comments

- 5: O=Field DI Water
- 6: OT=Lab Supplied
- 7: OT=Lab Supplied

<-- Total # of Containers

Sample Kit Prepared By: ECG	Date/Time: 3/27/18 10:30	Relinquished By:	Date/Time: 3/27/18 10:30	Received By:	Date/Time: 3/29/18 1200
Comments/Special Reporting Requirements		Relinquished By:	Date/Time: 4-11-18 1527	Received By:	Date/Time: 4-11-18 1527
		Relinquished By:	Date/Time: 4-11-18 1715	Received By:	Date/Time: 4-11-18 1715
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

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

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

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