



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,

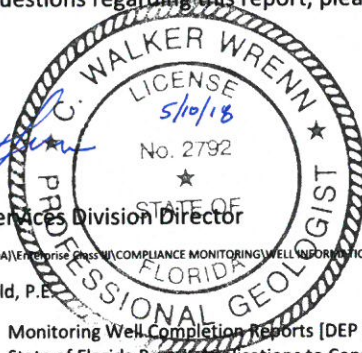
Under the guidance/observation of Walker Wrenn, P.G., compliance monitoring wells MW-5AR and -5BR were installed by Drill Pro d/b/a Groundwater Protection on April 6, 2018. Monitoring Well Completion Reports [DEP Form # 62-701.900(30)] and Boring Field Reports are provided in Attachment 1. State of Florida 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
Environmental Services Division Director



P:\P Drive Files\ANGELOS (FLORIDA)\Enterprise Class III\COMPLIANCE MONITORING\WELL REPORTS\ION\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)

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way Ste 200B
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky.
Temple Terrace, FL
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
239-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

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.



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Bob Martinez Center
2600 Blair Stone Road
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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)

Northwest District
160 Government Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way Ste 200B
Jacksonville, FL 32256-7590
904-807-3300

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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 Completion

4" AGP

Well Casing

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

Surface Casing

| | | | | |
|-----------|--|---------------------|-----------|--|
| Diameter: | | Intermediate Casing | Diameter: | |
| Type: | | Type: | | |
| Schedule: | | Schedule: | | |
| Depth: | | Depth: | | |

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

Well Casing

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

Surface Casing

| | | | | |
|-----------|--|---------------------|-----------|--|
| Diameter: | | Intermediate Casing | Diameter: | |
| Type: | | | Type: | |
| Schedule: | | | Schedule: | |
| Depth: | | | Depth: | |

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 |
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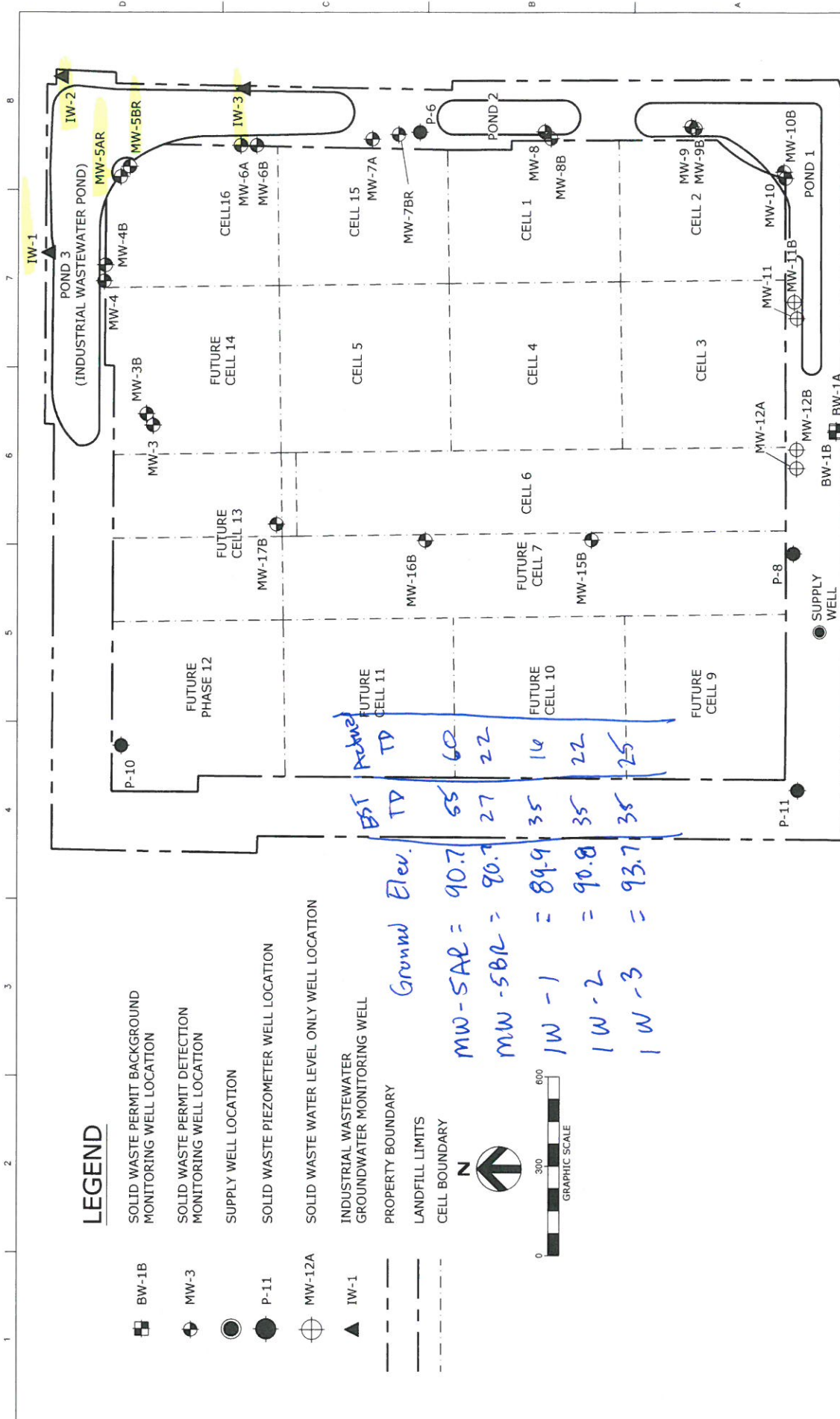
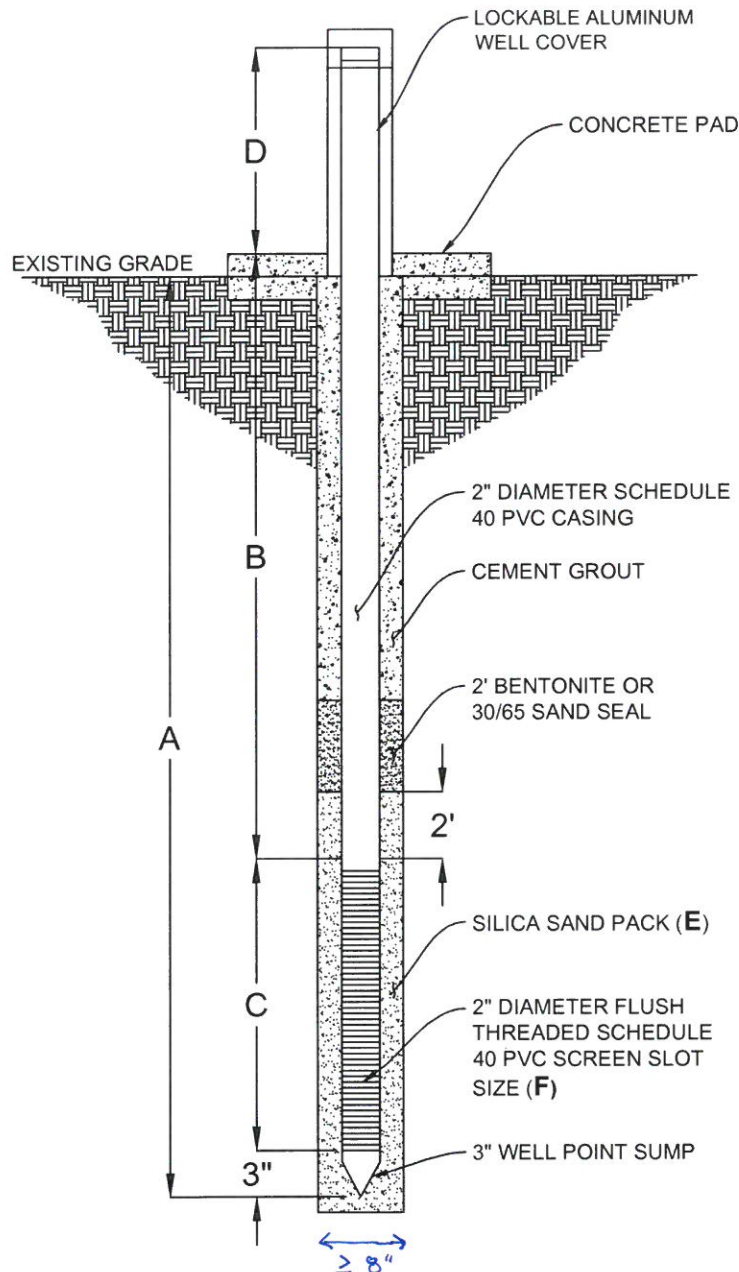


FIGURE NOT TO SCALE



| WELL <i>MW-5BR</i> | 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 |
|-----------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------|--------------|--|---|---|--|
| <i>MW-5BR</i> | <i>60</i> | <i>40</i> | <i>20</i> | <i>3'</i> | <i>2/30</i> | <i>0.010</i> | <i>50</i> | <i>30</i> | <i>90.7</i> | <i>52</i> |
| MW-18B* | 400' | 80' | 20' | 3" | 20/30 | 0.010" | 65' (9) | 45' (9) | 440' (1) | 440' (5) |
| MW-19B* | 400' | 80' | 20' | 3" | 20/30 | 0.010" | 58' (9) | 38' (9) | 430' (2) | 60' (6) |
| MW-20B* | 72' | 52' | 20' | 3" | 20/30 | 0.010" | 35' (9) | 15' (9) | 67' (3) | 32' (7) |
| MW-5BR | <i>52'</i> <i>55</i> | <i>32'</i> <i>35</i> | <i>20'</i> <i>20</i> | <i>3"</i> <i>3"</i> | 20/30 | 0.010" | 55' (9) <i>55'</i> | 35' (9) <i>35</i> | 87' (4) <i>90.7</i> | 60' (8) <i>60</i> |

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

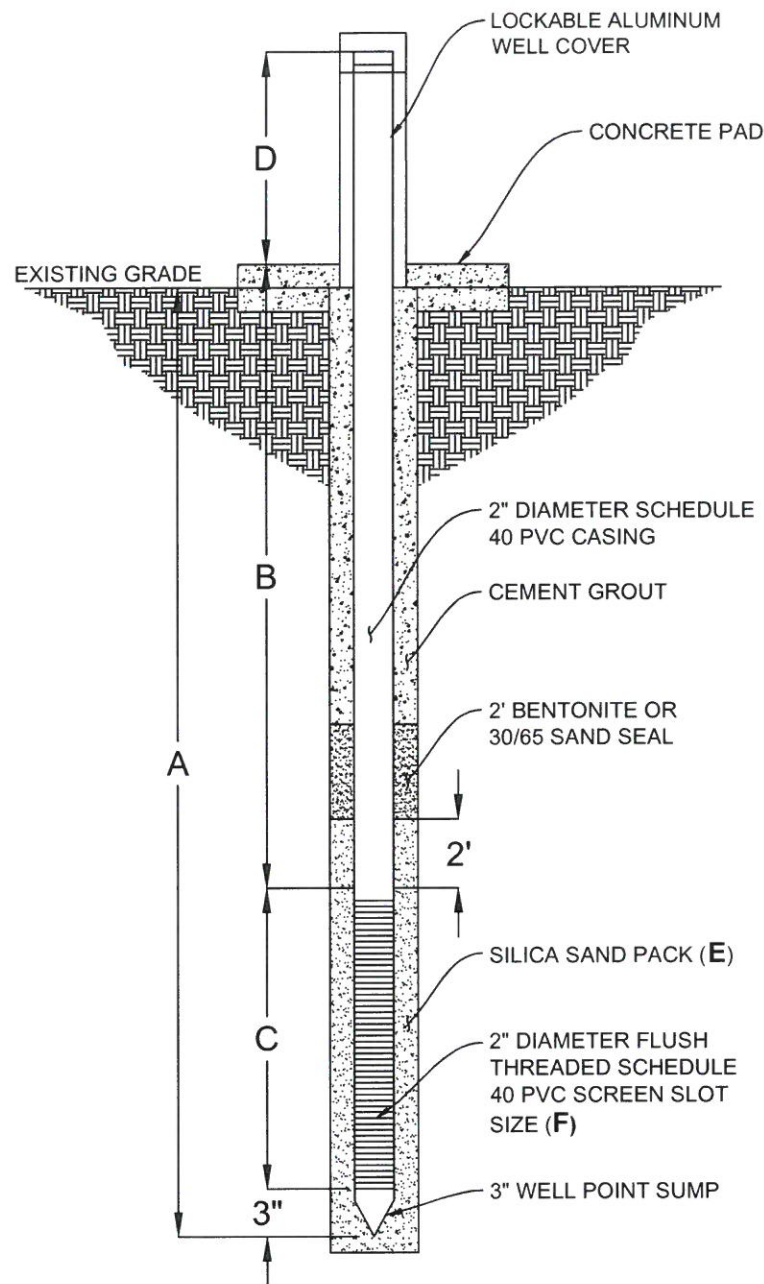


ENTERPRISE ROAD RECYCLING
AND DISPOSAL FACILITY
DADE CITY, FLORIDA

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' 44" 80' 44" (2) |
| MW-19A (1) | 42' 25" 27' | 22' 5" 12' | 20' | 3" | 20/30 | 0.010" | 128' 49" 128' (8) | 108' 44" 108' (8) | 150' 43" 150' (3) | 80' 64" 80' 64" (3) |
| MW-20A (1) | 40' 25" 27' | 20' 5" 12' | 20' | 3" | 20/30 | 0.010" | 115' 62" 115' (8) | 95' 62" 95' (8) | 135' 67" 135' (4) | 70' 34" 70' 34" (4) |
| MW-5AR | 23' 20" 27' | 8' 12' | 15' 20" 20' | 3" | 20/30 | 0.010" | 79' (8) | 64' 59" 64' (8) | 87' (6) | 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-18B~~ elevation and lithology
- (3) From B-17 (HAI) ~~MW-18B~~ 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



ENTERPRISE ROAD RECYCLING
AND DISPOSAL FACILITY
DADE CITY, FLORIDA

PROPOSED
SURFICIAL AQUIFER
MONITOR WELL DETAIL

REV FIGURE
2

4/5/18

Enterprise landfill

MW-SBR / 0'-13'

Clayey material (clayey sand ; sandy clay mix)
-presumably material to construct pond/
cell boundary berm

MW-SAR

13 - 18' Dark gray wet slightly clayey sand

18 - 26 Dark brown and sandy gray clay

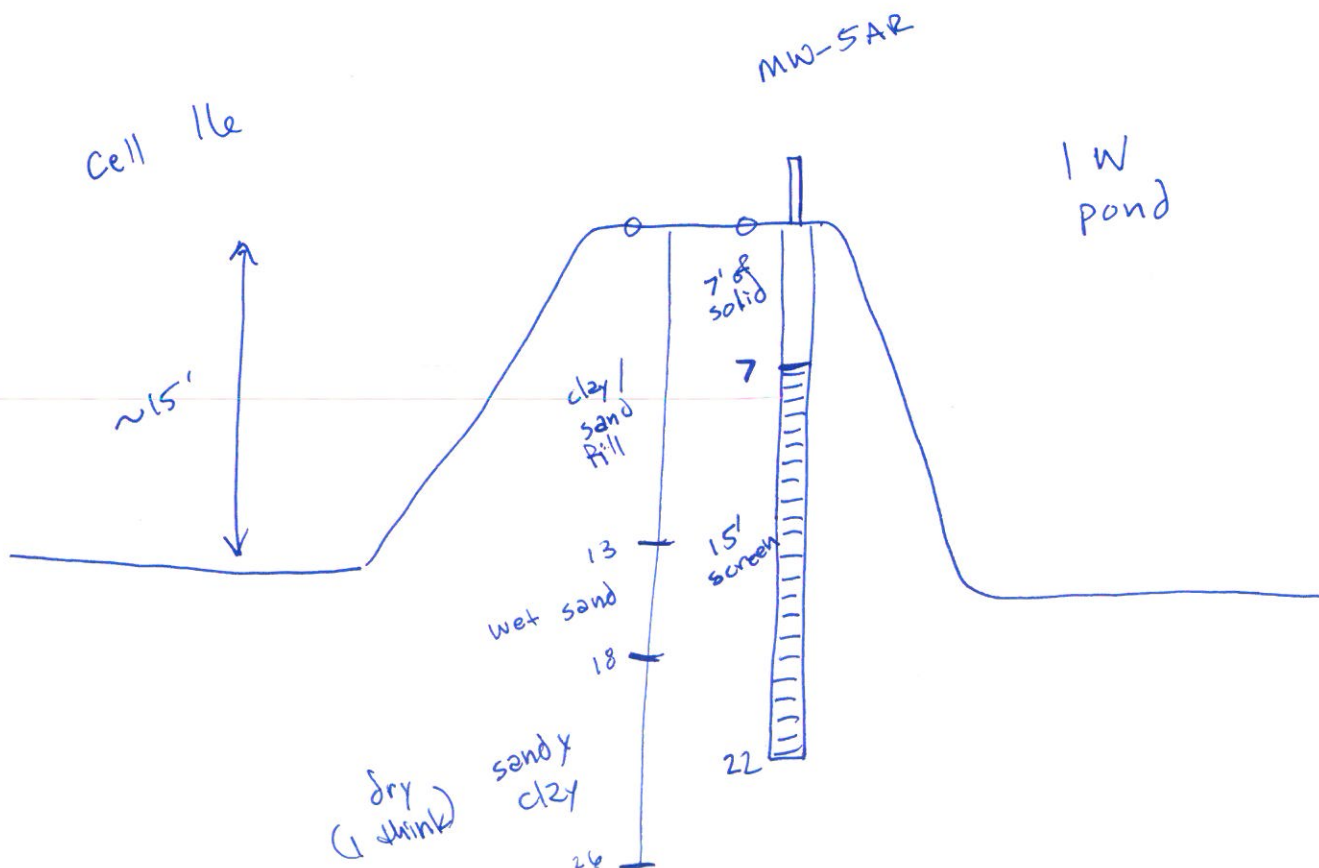
26 - 28 Gray clay

28 - 38 Gray clay w/ few limestone fragments

38 - 60 Gray - white limestone

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

MW-SAR: 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

- ☒ 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** **PO BOX 1493** **LARGO** **FL** **33712**
*Owner, Legal Name if Corporation *Address *City *State *ZIP *Telephone Number

2. **41111 Enterprise Rd.**
*Well Location - Address, Road Name or Number, City **Dade City**

3. **2225050000005000031**
*Parcel ID No. (PIN) or Alternate Key (Circle One) Lot Block Unit

4. **5** **25** **22** **Pasco** Subdivision Check if 62-524: Yes ☒ No
*Section or Land Grant *Township *Range *County

5. **James P Hinst** **9311** **(407) 426-7885** **jim@drillprollc.com**
*Water Well Contractor *License Number *Telephone Number E-mail Address

6. **2300 SILVER STAR RD** **ORLANDO** **FL** **32804**
*Water Well Contractor's Address City State ZIP

7. *Type of Work: ☒ Construction ☐ Repair ☐ Modification ☐ Abandonment

8. *Number of Proposed Wells **5** *Reason for Repair, Modification, or Abandonment

9. *Specify Intended Use(s) of Well(s):
☐ Domestic ☐ Landscape Irrigation ☐ Agricultural Irrigation ☐ Site Investigation
☐ Bottled Water Supply ☐ Recreation Area Irrigation ☐ Livestock ☒ 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
Remediation: ☐ Recovery ☐ Air Sparge ☐ Other (Describe) _____
Other (Describe) _____ (Note: Not all types of wells are permitted by a given permitting authority)

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 ☒ 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 ☒ 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 ☐ 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 ☒ Map ☐ Survey Datum: ☐ NAD 27 ☒ NAD 83 ☐ WGS 84

I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative 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 **9311** **Digitally Signed** **3/19/2018**
*Signature of Contractor *License No. *Signature of Owner or Agent *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 _____
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.

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 ☒ Map _____ Survey _____ Datum: _____ NAD 27 ☒ NAD 83 _____ WGS 84

10. *Type of Work: ☒ Construction _____ Repair _____ Modification _____ Abandonment

11. *Specify Intended Use(s) of Well(s):
____ Domestic _____ Landscape Irrigation _____ Agricultural Irrigation _____ Site Investigation
____ Bottled Water Supply _____ Recreation Area Irrigation _____ Livestock _____ ☒ 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
____ Remediation: _____ Recovery _____ Air Sparge _____ Other (Describe) _____
____ Other (Describe) _____

12. *Drill Method: _____ Auger _____ Cable Tool _____ Rotary _____ Combination (Two or More Methods) _____ Jetted ☒ 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 ☒ 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): ☒ 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 ☒ 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.

24. Water Well Contractor: _____

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

*Contractor's Signature **Digitally Signed** *Driller's Name (Print or Type) **Dave Longino**

(I certify that the information provided in this report is accurate and true.)

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.NFWWMD.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)

[illegible]

Comments: Finish: SCREENED OR SANDPOINT

GP WO 318042 MW 5 BR

*Detailed Site Map of Well Location



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. 4111 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: <input type="checkbox"/> GPS <input checked="" type="checkbox"/> Map <input type="checkbox"/> Survey Datum: <input type="checkbox"/> NAD 27 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> WGS 84 | | | | | | | |
| 10. *Type of Work: <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Repair <input type="checkbox"/> Modification <input type="checkbox"/> Abandonment | | | | | | | |
| 11. *Specify Intended Use(s) of Well(s): | | | | | | | |
| <input type="checkbox"/> Domestic | | <input type="checkbox"/> Landscape Irrigation | | <input type="checkbox"/> Agricultural Irrigation | | <input type="checkbox"/> Site Investigation | |
| <input type="checkbox"/> Bottled Water Supply | | <input type="checkbox"/> Recreation Area Irrigation | | <input type="checkbox"/> Livestock | | <input checked="" type="checkbox"/> Monitoring | |
| <input type="checkbox"/> Public Water Supply (Limited Use/DOH) | | <input type="checkbox"/> Nursery Irrigation | | <input type="checkbox"/> Test | | <input type="checkbox"/> Earth-Coupled Geothermal | |
| <input type="checkbox"/> Public Water Supply (Community or Non-Community/DEP) | | <input type="checkbox"/> Golf Course Irrigation | | <input type="checkbox"/> HVAC Supply | | <input type="checkbox"/> HVAC Return | |
| <input type="checkbox"/> Class I Injection | | | | | | | |
| Class V Injection: <input type="checkbox"/> Recharge <input type="checkbox"/> Commercial/Industrial Disposal <input type="checkbox"/> Aquifer Storage and Recovery <input type="checkbox"/> Drainage | | | | | | | |
| Remediation: <input type="checkbox"/> Recovery <input type="checkbox"/> Air Sparge <input type="checkbox"/> Other (Describe) _____ | | | | | | | |
| 12. *Drill Method: <input type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary <input type="checkbox"/> Combination (Two or More Methods) <input type="checkbox"/> Jetted <input checked="" type="checkbox"/> Sonic | | | | | | | |
| <input type="checkbox"/> Horizontal Drilling <input type="checkbox"/> Hydraulic Point (Direct Push) <input type="checkbox"/> 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: <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | |
| 15. *Casing Material: <input type="checkbox"/> Black Steel <input type="checkbox"/> Galvanized <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Not Cased <input type="checkbox"/> 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: <input type="checkbox"/> Other (Explain) _____ | | | | | | | |
| From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| 18. *Surface Casing Diameter and Depth: | | | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> 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): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| Dia 2.00 in. From 3.00 ft. To 7.00 ft. No. of Bags 2.00 | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Other Sand | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| 20. *Liner Casing Diameter and Depth: | | | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| 21. *Telescope Casing Diameter and Depth: | | | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____ | | Seal Material (Check One): <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ | | | | | |
| 22. Pump Type (If Known): | | | | | | | |
| <input type="checkbox"/> Centrifugal <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine | | 23. Chemical Analysis (When Required): | | | | | |
| Horsepower _____ Pump Capacity (GPM) _____ | | Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm | | | | | |
| Pump Depth _____ ft. Intake Depth _____ ft. | | 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 | | | | | | | |
| *Driller's Name (Print or Type) Dave Longino | | | | | | | |

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.NFWWMD.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)

[illegible]

Comments: Finish: SCREENED OR SANDPOINT

GP WO 318042 IW 2

*Detailed Site Map of Well Location



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

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

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

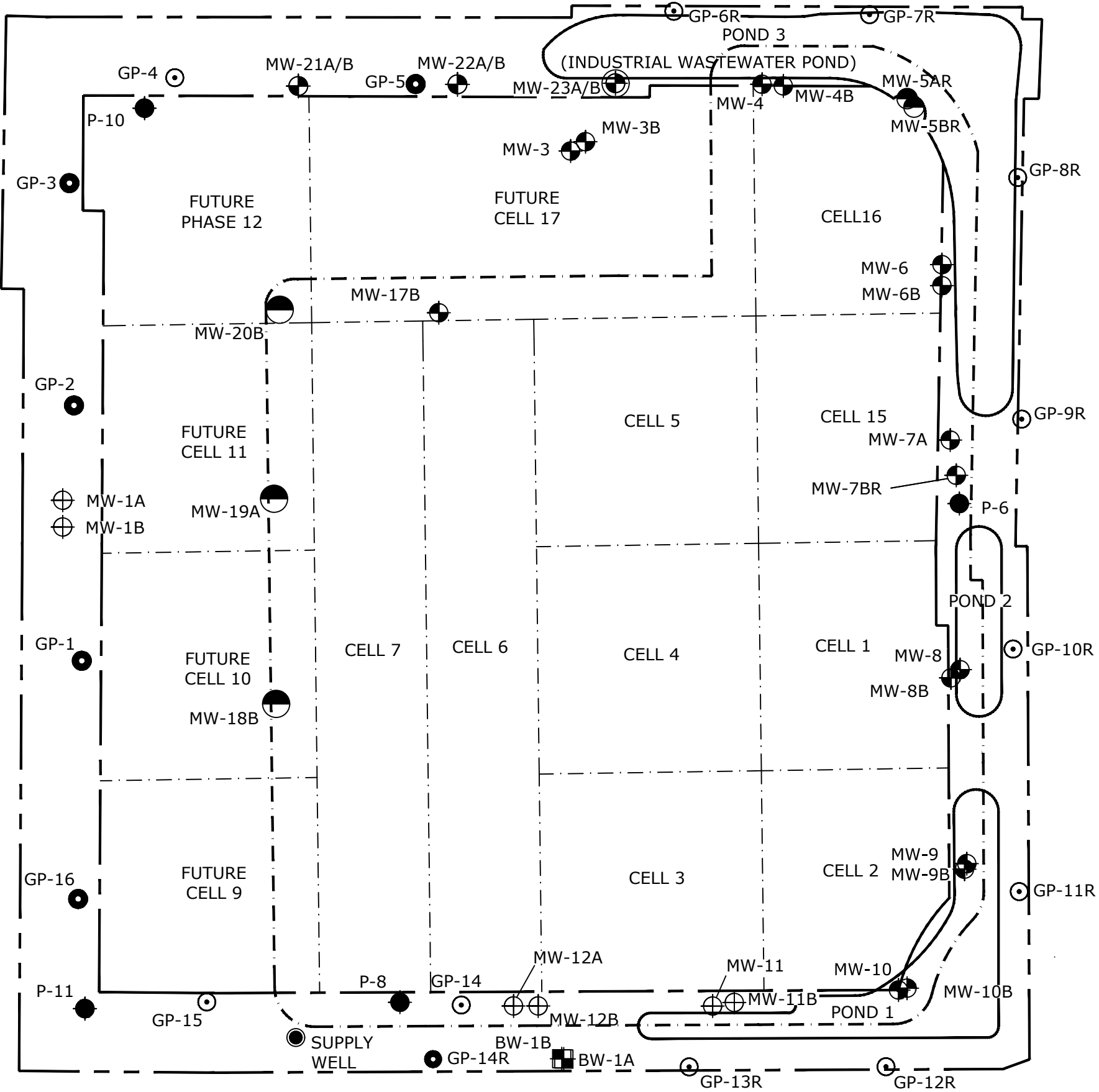
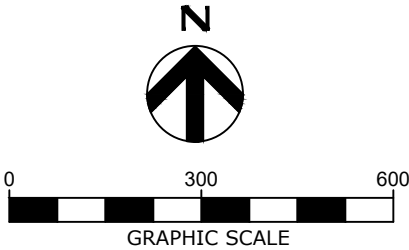
SCHEDULED TO BE ABANDONED
- MW-19B

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



| NO. | DATE | REVISION DESCRIPTION | BY |
|-----|------|----------------------|----|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



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 |

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 |
|--------------------------|---------------------------|--------------------------------|---------------------------------|

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

| | | | |
|--------------------------|------------------------------|--------------------------------|---------------------------------|
| Client ID: MW-5AR | Lab ID: AB02092-01RE1 | Sampled: 04/11/18 13:20 | Received: 04/11/18 17:15 |
|--------------------------|------------------------------|--------------------------------|---------------------------------|

| <u>Parameter</u> | <u>Preparation</u> | <u>Hold Date/Time(s)</u> | <u>Prep Date/Time(s)</u> | <u>Analysis Date/Time(s)</u> |
|------------------|--------------------|--------------------------|--------------------------|------------------------------|
| EPA 6020A | EPA 3005A | 10/08/18 | 04/12/18 12:32 | 04/14/18 09:41 |

| | | | |
|-----------------------------------|---------------------------|--------------------------------|---------------------------------|
| Client ID: EQUIPMENT BLANK | Lab ID: AB02092-02 | Sampled: 04/11/18 13:47 | Received: 04/11/18 17:15 |
|-----------------------------------|---------------------------|--------------------------------|---------------------------------|

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

| | | | |
|-----------------------------------|------------------------------|--------------------------------|---------------------------------|
| Client ID: EQUIPMENT BLANK | Lab ID: AB02092-02RE1 | Sampled: 04/11/18 13:47 | Received: 04/11/18 17:15 |
|-----------------------------------|------------------------------|--------------------------------|---------------------------------|

| <u>Parameter</u> | <u>Preparation</u> | <u>Hold Date/Time(s)</u> | <u>Prep Date/Time(s)</u> | <u>Analysis Date/Time(s)</u> |
|------------------|--------------------|--------------------------|--------------------------|------------------------------|
| EPA 6020A | EPA 3005A | 10/08/18 | 04/12/18 12:32 | 04/14/18 09:50 |

SAMPLE SUMMARY/LABORATORY CHRONICLE

| Client ID: MW-5BR | | Lab ID: AB02092-03 | | Sampled: 04/11/18 14:58 | | Received: 04/11/18 17:15 | |
|-----------------------|----------------|-----------------------|----------|-------------------------|-------|--------------------------|-------|
| Parameter | Preparation | Hold Date/Time(s) | | Prep Date/Time(s) | | Analysis Date/Time(s) | |
| EPA 300.0 | NA | 04/13/18 | 14:58 | 04/11/18 | 18:24 | 04/12/18 | 10:53 |
| EPA 300.0 | NA | 05/09/18 | | 04/11/18 | 18:24 | 04/12/18 | 10:53 |
| EPA 350.1 | NO PREP | 05/09/18 | | 04/12/18 | 11:06 | 04/12/18 | 11:34 |
| EPA 6020A | EPA 3005A | 10/08/18 | | 04/12/18 | 12:32 | 04/13/18 | 13:29 |
| EPA 7470A | EPA 7470A | 05/09/18 | | 04/12/18 | 11:46 | 04/13/18 | 08:08 |
| EPA 8011 | EPA 504/8011 | 04/25/18 | | 04/17/18 | 10:48 | 04/17/18 | 17:56 |
| EPA 8081B | EPA 3510C | 04/18/18 | 05/22/18 | 04/12/18 | 15:20 | 04/13/18 | 16:41 |
| EPA 8082A | EPA 3510C | 04/11/19 | 04/11/19 | 04/18/18 | 08:00 | 04/18/18 | 12:55 |
| EPA 8151A | Same 2 | 04/18/18 | 05/22/18 | 04/12/18 | 15:30 | 04/13/18 | 19:26 |
| EPA 8260B | EPA 5030B_MS | 04/25/18 | | 04/13/18 | 00:00 | 04/13/18 | 19:49 |
| EPA 8270D | EPA 3510C_MS | 04/18/18 | 05/26/18 | 04/16/18 | 07:50 | 04/19/18 | 15:27 |
| Field | NO PREP | 04/11/18 | 15:12 | 04/11/18 | 14:58 | 04/11/18 | 14:58 |
| Field | NO PREP | 04/12/18 | 14:58 | 04/12/18 | 14:58 | 04/11/18 | 14:58 |
| Field | NO PREP | 04/13/18 | 14:58 | 04/11/18 | 14:58 | 04/11/18 | 14:58 |
| SM 2540C-1997 | NO PREP | 04/18/18 | | 04/12/18 | 17:20 | 04/13/18 | 21:32 |
| SM 4500CN E-1999 | SM18 4500-CN C | 04/25/18 | | 04/16/18 | 12:25 | 04/17/18 | 12:14 |
| SM 4500S2 F-2000 | NO PREP | 04/18/18 | | 04/18/18 | 17:11 | 04/18/18 | 20:40 |
| Client ID: MW-5BR | | Lab ID: AB02092-03RE1 | | Sampled: 04/11/18 14:58 | | Received: 04/11/18 17:15 | |
| Parameter | Preparation | Hold Date/Time(s) | | Prep Date/Time(s) | | Analysis Date/Time(s) | |
| EPA 6020A | EPA 3005A | 10/08/18 | | 04/12/18 | 12:32 | 04/14/18 | 09:44 |
| Client ID: TRIP BLANK | | Lab ID: AB02092-04 | | Sampled: 04/11/18 00:00 | | Received: 04/11/18 17:15 | |
| Parameter | Preparation | Hold Date/Time(s) | | Prep Date/Time(s) | | Analysis Date/Time(s) | |
| EPA 8260B | EPA 5030B_MS | 04/25/18 | | 04/13/18 | 00:00 | 04/14/18 | 05:12 |
| Client ID: TRIP BLANK | | Lab ID: AB02092-05 | | Sampled: 04/11/18 00:00 | | Received: 04/11/18 17:15 | |
| Parameter | Preparation | Hold Date/Time(s) | | Prep Date/Time(s) | | Analysis Date/Time(s) | |
| EPA 8260B | EPA 5030B_MS | 04/25/18 | | 04/13/18 | 00:00 | 04/14/18 | 05:41 |

SAMPLE DETECTION SUMMARY

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

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

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|---------------------------------------|-----------|------|-------|----|------|-----|---------|-----------|----------------|-----|-------|
| 1,1,1,2-Tetrachloroethane [630-20-6]^ | 0.61 | U | ug/L | 1 | 0.61 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,1,1-Trichloroethane [71-55-6]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,1,2,2-Tetrachloroethane [79-34-5]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,1,2-Trichloroethane [79-00-5]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,1-Dichloroethane [75-34-3]^ | 0.62 | U | ug/L | 1 | 0.62 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,1-Dichloroethene [75-35-4]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,1-Dichloropropene [563-58-6]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,2,3-Trichloropropane [96-18-4]^ | 0.64 | U | ug/L | 1 | 0.64 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,2,4-Trichlorobenzene [120-82-1]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,2-Dichlorobenzene [95-50-1]^ | 0.73 | U | ug/L | 1 | 0.73 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,2-Dichloroethane [107-06-2]^ | 0.63 | U | ug/L | 1 | 0.63 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,2-Dichloropropane [78-87-5]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,3-Dichlorobenzene [541-73-1]^ | 0.77 | U | ug/L | 1 | 0.77 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,3-Dichloropropane [142-28-9]^ | 0.60 | U | ug/L | 1 | 0.60 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 1,4-Dichlorobenzene [106-46-7]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 2,2-Dichloropropane [594-20-7]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 2-Butanone [78-93-3]^ | 4.5 | U | ug/L | 1 | 4.5 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 2-Hexanone [591-78-6]^ | 1.4 | U | ug/L | 1 | 1.4 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 3-Chloropropene [107-05-1]^ | 1.0 | U | ug/L | 1 | 1.0 | 2.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| 4-Methyl-2-pentanone [108-10-1]^ | 0.79 | U | ug/L | 1 | 0.79 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Acetone [67-64-1]^ | 28 | | ug/L | 1 | 10 | 20 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | O-01 |
| Acetonitrile [75-05-8]^ | 8.5 | U | ug/L | 1 | 8.5 | 10 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Acrolein [107-02-8]^ | 6.4 | U | ug/L | 1 | 6.4 | 10 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Acrylonitrile [107-13-1]^ | 3.2 | U | ug/L | 1 | 3.2 | 10 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Benzene [71-43-2]^ | 0.71 | U | ug/L | 1 | 0.71 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Bromochloromethane [74-97-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Bromodichloromethane [75-27-4]^ | 0.52 | U | ug/L | 1 | 0.52 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Bromoform [75-25-2]^ | 0.75 | U | ug/L | 1 | 0.75 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Bromomethane [74-83-9]^ | 0.95 | U | ug/L | 1 | 0.95 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Carbon disulfide [75-15-0]^ | 2.6 | U | ug/L | 1 | 2.6 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Carbon tetrachloride [56-23-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Chlorobenzene [108-90-7]^ | 0.72 | U | ug/L | 1 | 0.72 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Chloroethane [75-00-3]^ | 0.98 | U | ug/L | 1 | 0.98 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Chloroform [67-66-3]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Chloromethane [74-87-3]^ | 0.82 | U | ug/L | 1 | 0.82 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Chloroprene [126-99-8]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| cis-1,2-Dichloroethene [156-59-2]^ | 0.53 | U | ug/L | 1 | 0.53 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| cis-1,3-Dichloropropene [10061-01-5]^ | 0.59 | U | ug/L | 1 | 0.59 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Dibromochloromethane [124-48-1]^ | 0.44 | U | ug/L | 1 | 0.44 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Dibromomethane [74-95-3]^ | 0.84 | U | ug/L | 1 | 0.84 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Dichlorodifluoromethane [75-71-8]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Ethyl Methacrylate [97-63-2]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Ethylbenzene [100-41-4]^ | 0.69 | U | ug/L | 1 | 0.69 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Hexachlorobutadiene [87-68-3]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Iodomethane [74-88-4]^ | 0.72 | U | ug/L | 1 | 0.72 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |
| Isobutyl alcohol [78-83-1]^ | 14 | U | ug/L | 1 | 14 | 50 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | QL-02 |
| m,p-Xylenes [108-38-3/106-42-3]^ | 1.3 | U | ug/L | 1 | 1.3 | 2.0 | 8D13015 | EPA 8260B | 04/13/18 18:50 | JAJ | |

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Polychlorinated Biphenyls by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|--|---------|------|-------|----|-------|-------|---------|----------|----------------|-----|-------|
| 1,2-Dibromo-3-chloropropane [96-12-8]^ | 0.012 | U | ug/L | 1 | 0.012 | 0.020 | 8D17027 | EPA 8011 | 04/17/18 17:23 | RGG | |
| 1,2-Dibromoethane [106-93-4]^ | 0.004 | U | ug/L | 1 | 0.004 | 0.020 | 8D17027 | EPA 8011 | 04/17/18 17:23 | RGG | |

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|----------------------|---------|------|-------|----|--------|-------|---------|-----------|----------------|-----|-------|
| Mercury [7439-97-6]^ | 0.0230 | U | ug/L | 1 | 0.0230 | 0.200 | 8D12012 | EPA 7470A | 04/13/18 08:05 | CRG | |

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

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|------------------------|---------|------|-------|----|-------|------|---------|-----------|----------------|-----|-------|
| Antimony [7440-36-0]^ | 2.50 | U | ug/L | 1 | 2.50 | 5.00 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Arsenic [7440-38-2]^ | 6.10 | U | ug/L | 1 | 6.10 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Barium [7440-39-3]^ | 20.0 | U | ug/L | 1 | 20.0 | 100 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Beryllium [7440-41-7]^ | 0.940 | U | ug/L | 1 | 0.940 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Cadmium [7440-43-9]^ | 0.900 | U | ug/L | 1 | 0.900 | 3.00 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Chromium [7440-47-3]^ | 4.50 | U | ug/L | 1 | 4.50 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Cobalt [7440-48-4]^ | 2.10 | U | ug/L | 1 | 2.10 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Copper [7440-50-8]^ | 2.20 | U | ug/L | 1 | 2.20 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Iron [7439-89-6]^ | 38.0 | U | ug/L | 1 | 38.0 | 50.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Lead [7439-92-1]^ | 1.60 | U | ug/L | 1 | 1.60 | 5.00 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Nickel [7440-02-0]^ | 3.20 | U | ug/L | 1 | 3.20 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Selenium [7782-49-2]^ | 6.50 | U | ug/L | 1 | 6.50 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Silver [7440-22-4]^ | 0.290 | U | ug/L | 1 | 0.290 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Sodium [7440-23-5]^ | 9.51 | | mg/L | 1 | 0.320 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Thallium [7440-28-0]^ | 0.580 | U | ug/L | 1 | 0.580 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Tin [7440-31-5]^ | 3.90 | U | ug/L | 1 | 3.90 | 50.0 | 8D11039 | EPA 6020A | 04/14/18 09:41 | JMA | |
| Vanadium [7440-62-2]^ | 3.18 | I | ug/L | 1 | 2.00 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |
| Zinc [7440-66-6]^ | 16.0 | U | ug/L | 1 | 16.0 | 50.0 | 8D11039 | EPA 6020A | 04/13/18 13:25 | CRG | |

ANALYTICAL RESULTS

Description: MW-5AR

Lab Sample ID: AB02092-01

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 13:20

Work Order: AB02092

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

Sampled By: Chris Monaco

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|----------------------------|---------|------|-------|----|--------|-------|---------|------------------|----------------|-------|-------|
| Ammonia as N [7664-41-7]^ | 0.0073 | U | mg/L | 1 | 0.0073 | 0.020 | 8D12026 | EPA 350.1 | 04/12/18 11:29 | kgonz | U |
| Chloride [16887-00-6]^ | 14 | | mg/L | 1 | 0.29 | 5.0 | 8D12001 | EPA 300.0 | 04/12/18 09:30 | RSA | |
| Cyanide (total) [57-12-5]^ | 0.0067 | U | mg/L | 1 | 0.0067 | 0.010 | 8D16004 | SM 4500CN E-199 | 04/17/18 12:14 | SR | |
| Nitrate as N [14797-55-8]^ | 0.64 | I | mg/L | 1 | 0.052 | 1.0 | 8D12001 | EPA 300.0 | 04/12/18 09:30 | RSA | J |
| Sulfide [18496-25-8] | 0.45 | U | mg/L | 1 | 0.45 | 1.0 | 8D18052 | SM 4500S2 F-2000 | 04/18/18 20:40 | AH | |
| Total Dissolved Solids^ | 200 | | mg/L | 1 | 10 | 10 | 8D12034 | SM 2540C-1997 | 04/13/18 21:32 | AH | |

Field Parameters

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

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|---------------------------------------|---------|------|-------|----|------|-----|---------|-----------|----------------|-----|-------|
| 1,1,1,2-Tetrachloroethane [630-20-6]^ | 0.61 | U | ug/L | 1 | 0.61 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,1,1-Trichloroethane [71-55-6]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,1,2,2-Tetrachloroethane [79-34-5]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,1,2-Trichloroethane [79-00-5]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,1-Dichloroethane [75-34-3]^ | 0.62 | U | ug/L | 1 | 0.62 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,1-Dichloroethene [75-35-4]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,1-Dichloropropene [563-58-6]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,2,3-Trichloropropane [96-18-4]^ | 0.64 | U | ug/L | 1 | 0.64 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,2,4-Trichlorobenzene [120-82-1]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,2-Dichlorobenzene [95-50-1]^ | 0.73 | U | ug/L | 1 | 0.73 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,2-Dichloroethane [107-06-2]^ | 0.63 | U | ug/L | 1 | 0.63 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,2-Dichloropropane [78-87-5]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,3-Dichlorobenzene [541-73-1]^ | 0.77 | U | ug/L | 1 | 0.77 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,3-Dichloropropane [142-28-9]^ | 0.60 | U | ug/L | 1 | 0.60 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 1,4-Dichlorobenzene [106-46-7]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 2,2-Dichloropropane [594-20-7]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 2-Butanone [78-93-3]^ | 4.5 | U | ug/L | 1 | 4.5 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 2-Hexanone [591-78-6]^ | 1.4 | U | ug/L | 1 | 1.4 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 3-Chloropropene [107-05-1]^ | 1.0 | U | ug/L | 1 | 1.0 | 2.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| 4-Methyl-2-pentanone [108-10-1]^ | 0.79 | U | ug/L | 1 | 0.79 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Acetone [67-64-1]^ | 10 | U | ug/L | 1 | 10 | 20 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Acetonitrile [75-05-8]^ | 8.5 | U | ug/L | 1 | 8.5 | 10 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Acrolein [107-02-8]^ | 6.4 | U | ug/L | 1 | 6.4 | 10 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Acrylonitrile [107-13-1]^ | 3.2 | U | ug/L | 1 | 3.2 | 10 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Benzene [71-43-2]^ | 0.71 | U | ug/L | 1 | 0.71 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Bromochloromethane [74-97-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Bromodichloromethane [75-27-4]^ | 0.52 | U | ug/L | 1 | 0.52 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Bromoform [75-25-2]^ | 0.75 | U | ug/L | 1 | 0.75 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Bromomethane [74-83-9]^ | 0.95 | U | ug/L | 1 | 0.95 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Carbon disulfide [75-15-0]^ | 2.6 | U | ug/L | 1 | 2.6 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Carbon tetrachloride [56-23-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Chlorobenzene [108-90-7]^ | 0.72 | U | ug/L | 1 | 0.72 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Chloroethane [75-00-3]^ | 0.98 | U | ug/L | 1 | 0.98 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Chloroform [67-66-3]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Chloromethane [74-87-3]^ | 0.82 | U | ug/L | 1 | 0.82 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Chloroprene [126-99-8]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| cis-1,2-Dichloroethene [156-59-2]^ | 0.53 | U | ug/L | 1 | 0.53 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| cis-1,3-Dichloropropene [10061-01-5]^ | 0.59 | U | ug/L | 1 | 0.59 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Dibromochloromethane [124-48-1]^ | 0.44 | U | ug/L | 1 | 0.44 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Dibromomethane [74-95-3]^ | 0.84 | U | ug/L | 1 | 0.84 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Dichlorodifluoromethane [75-71-8]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Ethyl Methacrylate [97-63-2]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Ethylbenzene [100-41-4]^ | 0.69 | U | ug/L | 1 | 0.69 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Hexachlorobutadiene [87-68-3]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Iodomethane [74-88-4]^ | 0.72 | U | ug/L | 1 | 0.72 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |
| Isobutyl alcohol [78-83-1]^ | 14 | U | ug/L | 1 | 14 | 50 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | QL-02 |
| m,p-Xylenes [108-38-3/106-42-3]^ | 1.3 | U | ug/L | 1 | 1.3 | 2.0 | 8D13015 | EPA 8260B | 04/13/18 19:20 | JAJ | |

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Polychlorinated Biphenyls by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|--|---------|------|-------|----|-------|-------|---------|----------|----------------|-----|-------|
| 1,2-Dibromo-3-chloropropane [96-12-8]^ | 0.012 | U | ug/L | 1 | 0.012 | 0.020 | 8D17027 | EPA 8011 | 04/17/18 17:40 | RGG | |
| 1,2-Dibromoethane [106-93-4]^ | 0.004 | U | ug/L | 1 | 0.004 | 0.020 | 8D17027 | EPA 8011 | 04/17/18 17:40 | RGG | |

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|----------------------|---------|------|-------|----|--------|-------|---------|-----------|----------------|-----|-------|
| Mercury [7439-97-6]^ | 0.0230 | U | ug/L | 1 | 0.0230 | 0.200 | 8D12012 | EPA 7470A | 04/13/18 08:24 | CRG | |

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

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|------------------------|---------|------|-------|----|-------|------|---------|-----------|----------------|-----|-------|
| Antimony [7440-36-0]^ | 2.50 | U | ug/L | 1 | 2.50 | 5.00 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Arsenic [7440-38-2]^ | 6.10 | U | ug/L | 1 | 6.10 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Barium [7440-39-3]^ | 20.0 | U | ug/L | 1 | 20.0 | 100 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Beryllium [7440-41-7]^ | 0.940 | U | ug/L | 1 | 0.940 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Cadmium [7440-43-9]^ | 0.900 | U | ug/L | 1 | 0.900 | 3.00 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Chromium [7440-47-3]^ | 4.50 | U | ug/L | 1 | 4.50 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Cobalt [7440-48-4]^ | 2.10 | U | ug/L | 1 | 2.10 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Copper [7440-50-8]^ | 2.20 | U | ug/L | 1 | 2.20 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Iron [7439-89-6]^ | 38.0 | U | ug/L | 1 | 38.0 | 50.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Lead [7439-92-1]^ | 1.60 | U | ug/L | 1 | 1.60 | 5.00 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Nickel [7440-02-0]^ | 3.20 | U | ug/L | 1 | 3.20 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Selenium [7782-49-2]^ | 6.50 | U | ug/L | 1 | 6.50 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Silver [7440-22-4]^ | 0.290 | U | ug/L | 1 | 0.290 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Sodium [7440-23-5]^ | 0.320 | U | mg/L | 1 | 0.320 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Thallium [7440-28-0]^ | 0.580 | U | ug/L | 1 | 0.580 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Tin [7440-31-5]^ | 3.90 | U | ug/L | 1 | 3.90 | 50.0 | 8D11039 | EPA 6020A | 04/14/18 09:50 | JMA | |
| Vanadium [7440-62-2]^ | 2.00 | U | ug/L | 1 | 2.00 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |
| Zinc [7440-66-6]^ | 16.0 | U | ug/L | 1 | 16.0 | 50.0 | 8D11039 | EPA 6020A | 04/13/18 13:22 | CRG | |

ANALYTICAL RESULTS

Description: EQUIPMENT BLANK

Lab Sample ID: AB02092-02

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 13:47

Work Order: AB02092

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

Sampled By: Chris Monaco

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|----------------------------|---------|------|-------|----|--------|-------|---------|------------------|----------------|-------|-------|
| Ammonia as N [7664-41-7]^ | 0.0073 | U | mg/L | 1 | 0.0073 | 0.020 | 8D12026 | EPA 350.1 | 04/12/18 11:33 | kgonz | U |
| Chloride [16887-00-6]^ | 0.29 | U | mg/L | 1 | 0.29 | 5.0 | 8D12001 | EPA 300.0 | 04/12/18 09:14 | RSA | |
| Cyanide (total) [57-12-5]^ | 0.0067 | U | mg/L | 1 | 0.0067 | 0.010 | 8D16004 | SM 4500CN E-199 | 04/17/18 12:14 | SR | |
| Nitrate as N [14797-55-8]^ | 0.052 | U | mg/L | 1 | 0.052 | 1.0 | 8D12001 | EPA 300.0 | 04/12/18 09:14 | RSA | U |
| Sulfide [18496-25-8] | 0.45 | U | mg/L | 1 | 0.45 | 1.0 | 8D18052 | SM 4500S2 F-2000 | 04/18/18 20:40 | AH | |
| Total Dissolved Solids^ | 10 | U | mg/L | 1 | 10 | 10 | 8D12034 | SM 2540C-1997 | 04/13/18 21:32 | AH | |

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|---------------------------------------|---------|------|-------|----|------|-----|---------|-----------|----------------|-----|-------|
| 1,1,1,2-Tetrachloroethane [630-20-6]^ | 0.61 | U | ug/L | 1 | 0.61 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,1,1-Trichloroethane [71-55-6]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,1,2,2-Tetrachloroethane [79-34-5]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,1,2-Trichloroethane [79-00-5]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,1-Dichloroethane [75-34-3]^ | 0.62 | U | ug/L | 1 | 0.62 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,1-Dichloroethene [75-35-4]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,1-Dichloropropene [563-58-6]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,2,3-Trichloropropane [96-18-4]^ | 0.64 | U | ug/L | 1 | 0.64 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,2,4-Trichlorobenzene [120-82-1]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,2-Dichlorobenzene [95-50-1]^ | 0.73 | U | ug/L | 1 | 0.73 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,2-Dichloroethane [107-06-2]^ | 0.63 | U | ug/L | 1 | 0.63 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,2-Dichloropropane [78-87-5]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,3-Dichlorobenzene [541-73-1]^ | 0.77 | U | ug/L | 1 | 0.77 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,3-Dichloropropane [142-28-9]^ | 0.60 | U | ug/L | 1 | 0.60 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 1,4-Dichlorobenzene [106-46-7]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 2,2-Dichloropropane [594-20-7]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 2-Butanone [78-93-3]^ | 4.5 | U | ug/L | 1 | 4.5 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 2-Hexanone [591-78-6]^ | 1.4 | U | ug/L | 1 | 1.4 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 3-Chloropropene [107-05-1]^ | 1.0 | U | ug/L | 1 | 1.0 | 2.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| 4-Methyl-2-pentanone [108-10-1]^ | 0.79 | U | ug/L | 1 | 0.79 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Acetone [67-64-1]^ | 10 | U | ug/L | 1 | 10 | 20 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Acetonitrile [75-05-8]^ | 8.5 | U | ug/L | 1 | 8.5 | 10 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Acrolein [107-02-8]^ | 6.4 | U | ug/L | 1 | 6.4 | 10 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Acrylonitrile [107-13-1]^ | 3.2 | U | ug/L | 1 | 3.2 | 10 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Benzene [71-43-2]^ | 0.71 | U | ug/L | 1 | 0.71 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Bromochloromethane [74-97-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Bromodichloromethane [75-27-4]^ | 0.52 | U | ug/L | 1 | 0.52 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Bromoform [75-25-2]^ | 0.75 | U | ug/L | 1 | 0.75 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Bromomethane [74-83-9]^ | 0.95 | U | ug/L | 1 | 0.95 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Carbon disulfide [75-15-0]^ | 2.6 | U | ug/L | 1 | 2.6 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Carbon tetrachloride [56-23-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Chlorobenzene [108-90-7]^ | 0.72 | U | ug/L | 1 | 0.72 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Chloroethane [75-00-3]^ | 0.98 | U | ug/L | 1 | 0.98 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Chloroform [67-66-3]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Chloromethane [74-87-3]^ | 0.82 | U | ug/L | 1 | 0.82 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Chloroprene [126-99-8]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| cis-1,2-Dichloroethene [156-59-2]^ | 0.53 | U | ug/L | 1 | 0.53 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| cis-1,3-Dichloropropene [10061-01-5]^ | 0.59 | U | ug/L | 1 | 0.59 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Dibromochloromethane [124-48-1]^ | 0.44 | U | ug/L | 1 | 0.44 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Dibromomethane [74-95-3]^ | 0.84 | U | ug/L | 1 | 0.84 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Dichlorodifluoromethane [75-71-8]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Ethyl Methacrylate [97-63-2]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Ethylbenzene [100-41-4]^ | 0.69 | U | ug/L | 1 | 0.69 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Hexachlorobutadiene [87-68-3]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Iodomethane [74-88-4]^ | 0.72 | U | ug/L | 1 | 0.72 | 5.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |
| Isobutyl alcohol [78-83-1]^ | 14 | U | ug/L | 1 | 14 | 50 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | QL-02 |
| m,p-Xylenes [108-38-3/106-42-3]^ | 1.3 | U | ug/L | 1 | 1.3 | 2.0 | 8D13015 | EPA 8260B | 04/13/18 19:49 | JAJ | |

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Semivolatile Organic Compounds by GCMS SIM

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Polychlorinated Biphenyls by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

Semivolatile Organic Compounds by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|--|---------|------|-------|----|-------|-------|---------|----------|----------------|-----|-------|
| 1,2-Dibromo-3-chloropropane [96-12-8]^ | 0.012 | U | ug/L | 1 | 0.012 | 0.020 | 8D17027 | EPA 8011 | 04/17/18 17:56 | RGG | |
| 1,2-Dibromoethane [106-93-4]^ | 0.004 | U | ug/L | 1 | 0.004 | 0.020 | 8D17027 | EPA 8011 | 04/17/18 17:56 | RGG | |

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

Metals by EPA 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|----------------------|---------|------|-------|----|--------|-------|---------|-----------|----------------|-----|-------|
| Mercury [7439-97-6]^ | 0.0230 | U | ug/L | 1 | 0.0230 | 0.200 | 8D12012 | EPA 7470A | 04/13/18 08:08 | CRG | |

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

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|------------------------|---------|------|-------|----|-------|------|---------|-----------|----------------|-----|-------|
| Antimony [7440-36-0]^ | 2.50 | U | ug/L | 1 | 2.50 | 5.00 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Arsenic [7440-38-2]^ | 6.10 | U | ug/L | 1 | 6.10 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Barium [7440-39-3]^ | 20.0 | U | ug/L | 1 | 20.0 | 100 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Beryllium [7440-41-7]^ | 0.940 | U | ug/L | 1 | 0.940 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Cadmium [7440-43-9]^ | 0.900 | U | ug/L | 1 | 0.900 | 3.00 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Chromium [7440-47-3]^ | 4.50 | U | ug/L | 1 | 4.50 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Cobalt [7440-48-4]^ | 2.10 | U | ug/L | 1 | 2.10 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Copper [7440-50-8]^ | 2.20 | U | ug/L | 1 | 2.20 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Iron [7439-89-6]^ | 38.0 | U | ug/L | 1 | 38.0 | 50.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Lead [7439-92-1]^ | 1.60 | U | ug/L | 1 | 1.60 | 5.00 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Nickel [7440-02-0]^ | 3.20 | U | ug/L | 1 | 3.20 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Selenium [7782-49-2]^ | 6.50 | U | ug/L | 1 | 6.50 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Silver [7440-22-4]^ | 0.290 | U | ug/L | 1 | 0.290 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Sodium [7440-23-5]^ | 4.85 | | mg/L | 1 | 0.320 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Thallium [7440-28-0]^ | 0.580 | U | ug/L | 1 | 0.580 | 1.00 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Tin [7440-31-5]^ | 3.90 | U | ug/L | 1 | 3.90 | 50.0 | 8D11039 | EPA 6020A | 04/14/18 09:44 | JMA | |
| Vanadium [7440-62-2]^ | 5.01 | I | ug/L | 1 | 2.00 | 10.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |
| Zinc [7440-66-6]^ | 16.0 | U | ug/L | 1 | 16.0 | 50.0 | 8D11039 | EPA 6020A | 04/13/18 13:29 | CRG | |

ANALYTICAL RESULTS

Description: MW-5BR

Lab Sample ID: AB02092-03

Received: 04/11/18 17:15

Matrix: Ground Water

Sampled: 04/11/18 14:58

Work Order: AB02092

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

Sampled By: Chris Monaco

Classical Chemistry Parameters

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|----------------------------|---------|------|-------|----|--------|-------|---------|------------------|----------------|-------|-------|
| Ammonia as N [7664-41-7]^ | 0.0073 | U | mg/L | 1 | 0.0073 | 0.020 | 8D12026 | EPA 350.1 | 04/12/18 11:34 | kgonz | U |
| Chloride [16887-00-6]^ | 4.0 | I | mg/L | 1 | 0.29 | 5.0 | 8D12001 | EPA 300.0 | 04/12/18 10:53 | RSA | |
| Cyanide (total) [57-12-5]^ | 0.0067 | U | mg/L | 1 | 0.0067 | 0.010 | 8D16004 | SM 4500CN E-199 | 04/17/18 12:14 | SR | |
| Nitrate as N [14797-55-8]^ | 0.49 | I | mg/L | 1 | 0.052 | 1.0 | 8D12001 | EPA 300.0 | 04/12/18 10:53 | RSA | J |
| Sulfide [18496-25-8] | 0.58 | I | mg/L | 1 | 0.45 | 1.0 | 8D18052 | SM 4500S2 F-2000 | 04/18/18 20:40 | AH | |
| Total Dissolved Solids^ | 230 | | mg/L | 1 | 10 | 10 | 8D12034 | SM 2540C-1997 | 04/13/18 21:32 | AH | |

Field Parameters

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

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AB02092-04

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 00:00

Work Order: AB02092

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

Sampled By: Enco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|---------------------------------------|---------|------|-------|----|------|-----|---------|-----------|----------------|-----|-------|
| 1,1,1,2-Tetrachloroethane [630-20-6]^ | 0.61 | U | ug/L | 1 | 0.61 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,1,1-Trichloroethane [71-55-6]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,1,2,2-Tetrachloroethane [79-34-5]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,1,2-Trichloroethane [79-00-5]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,1-Dichloroethane [75-34-3]^ | 0.62 | U | ug/L | 1 | 0.62 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,1-Dichloroethene [75-35-4]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,1-Dichloropropene [563-58-6]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,2,3-Trichloropropane [96-18-4]^ | 0.64 | U | ug/L | 1 | 0.64 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,2,4-Trichlorobenzene [120-82-1]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,2-Dichlorobenzene [95-50-1]^ | 0.73 | U | ug/L | 1 | 0.73 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,2-Dichloroethane [107-06-2]^ | 0.63 | U | ug/L | 1 | 0.63 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,2-Dichloropropane [78-87-5]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,3-Dichlorobenzene [541-73-1]^ | 0.77 | U | ug/L | 1 | 0.77 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,3-Dichloropropane [142-28-9]^ | 0.60 | U | ug/L | 1 | 0.60 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 1,4-Dichlorobenzene [106-46-7]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 2,2-Dichloropropane [594-20-7]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 2-Butanone [78-93-3]^ | 4.5 | U | ug/L | 1 | 4.5 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 2-Hexanone [591-78-6]^ | 1.4 | U | ug/L | 1 | 1.4 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 3-Chloropropene [107-05-1]^ | 1.0 | U | ug/L | 1 | 1.0 | 2.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| 4-Methyl-2-pentanone [108-10-1]^ | 0.79 | U | ug/L | 1 | 0.79 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Acetone [67-64-1]^ | 10 | U | ug/L | 1 | 10 | 20 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Acetonitrile [75-05-8]^ | 8.5 | U | ug/L | 1 | 8.5 | 10 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Acrolein [107-02-8]^ | 6.4 | U | ug/L | 1 | 6.4 | 10 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Acrylonitrile [107-13-1]^ | 3.2 | U | ug/L | 1 | 3.2 | 10 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Benzene [71-43-2]^ | 0.71 | U | ug/L | 1 | 0.71 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Bromochloromethane [74-97-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Bromodichloromethane [75-27-4]^ | 0.52 | U | ug/L | 1 | 0.52 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Bromoform [75-25-2]^ | 0.75 | U | ug/L | 1 | 0.75 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Bromomethane [74-83-9]^ | 0.95 | U | ug/L | 1 | 0.95 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Carbon disulfide [75-15-0]^ | 2.6 | U | ug/L | 1 | 2.6 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Carbon tetrachloride [56-23-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Chlorobenzene [108-90-7]^ | 0.72 | U | ug/L | 1 | 0.72 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Chloroethane [75-00-3]^ | 0.98 | U | ug/L | 1 | 0.98 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Chloroform [67-66-3]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Chloromethane [74-87-3]^ | 0.82 | U | ug/L | 1 | 0.82 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Chloroprene [126-99-8]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| cis-1,2-Dichloroethene [156-59-2]^ | 0.53 | U | ug/L | 1 | 0.53 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| cis-1,3-Dichloropropene [10061-01-5]^ | 0.59 | U | ug/L | 1 | 0.59 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Dibromochloromethane [124-48-1]^ | 0.44 | U | ug/L | 1 | 0.44 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Dibromomethane [74-95-3]^ | 0.84 | U | ug/L | 1 | 0.84 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Dichlorodifluoromethane [75-71-8]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Ethyl Methacrylate [97-63-2]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Ethylbenzene [100-41-4]^ | 0.69 | U | ug/L | 1 | 0.69 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Hexachlorobutadiene [87-68-3]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Iodomethane [74-88-4]^ | 0.72 | U | ug/L | 1 | 0.72 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |
| Isobutyl alcohol [78-83-1]^ | 14 | U | ug/L | 1 | 14 | 50 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | QL-02 |
| m,p-Xylenes [108-38-3/106-42-3]^ | 1.3 | U | ug/L | 1 | 1.3 | 2.0 | 8D13030 | EPA 8260B | 04/14/18 05:12 | JAJ | |

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AB02092-04

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 00:00

Work Order: AB02092

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

Sampled By: Enco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AB02092-05

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 00:00

Work Order: AB02092

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

Sampled By: Enco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

| Analyte [CAS Number] | Results | Flag | Units | DF | MDL | PQL | Batch | Method | Analyzed | By | Notes |
|---------------------------------------|---------|------|-------|----|------|-----|---------|-----------|----------------|-----|-------|
| 1,1,1,2-Tetrachloroethane [630-20-6]^ | 0.61 | U | ug/L | 1 | 0.61 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,1,1-Trichloroethane [71-55-6]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,1,2,2-Tetrachloroethane [79-34-5]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,1,2-Trichloroethane [79-00-5]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,1-Dichloroethane [75-34-3]^ | 0.62 | U | ug/L | 1 | 0.62 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,1-Dichloroethene [75-35-4]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,1-Dichloropropene [563-58-6]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,2,3-Trichloropropane [96-18-4]^ | 0.64 | U | ug/L | 1 | 0.64 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,2,4-Trichlorobenzene [120-82-1]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,2-Dichlorobenzene [95-50-1]^ | 0.73 | U | ug/L | 1 | 0.73 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,2-Dichloroethane [107-06-2]^ | 0.63 | U | ug/L | 1 | 0.63 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,2-Dichloropropane [78-87-5]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,3-Dichlorobenzene [541-73-1]^ | 0.77 | U | ug/L | 1 | 0.77 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,3-Dichloropropane [142-28-9]^ | 0.60 | U | ug/L | 1 | 0.60 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 1,4-Dichlorobenzene [106-46-7]^ | 0.76 | U | ug/L | 1 | 0.76 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 2,2-Dichloropropane [594-20-7]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 2-Butanone [78-93-3]^ | 4.5 | U | ug/L | 1 | 4.5 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 2-Hexanone [591-78-6]^ | 1.4 | U | ug/L | 1 | 1.4 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 3-Chloropropene [107-05-1]^ | 1.0 | U | ug/L | 1 | 1.0 | 2.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| 4-Methyl-2-pentanone [108-10-1]^ | 0.79 | U | ug/L | 1 | 0.79 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Acetone [67-64-1]^ | 10 | U | ug/L | 1 | 10 | 20 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Acetonitrile [75-05-8]^ | 8.5 | U | ug/L | 1 | 8.5 | 10 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Acrolein [107-02-8]^ | 6.4 | U | ug/L | 1 | 6.4 | 10 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Acrylonitrile [107-13-1]^ | 3.2 | U | ug/L | 1 | 3.2 | 10 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Benzene [71-43-2]^ | 0.71 | U | ug/L | 1 | 0.71 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Bromochloromethane [74-97-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Bromodichloromethane [75-27-4]^ | 0.52 | U | ug/L | 1 | 0.52 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Bromoform [75-25-2]^ | 0.75 | U | ug/L | 1 | 0.75 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Bromomethane [74-83-9]^ | 0.95 | U | ug/L | 1 | 0.95 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Carbon disulfide [75-15-0]^ | 2.6 | U | ug/L | 1 | 2.6 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Carbon tetrachloride [56-23-5]^ | 0.94 | U | ug/L | 1 | 0.94 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Chlorobenzene [108-90-7]^ | 0.72 | U | ug/L | 1 | 0.72 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Chloroethane [75-00-3]^ | 0.98 | U | ug/L | 1 | 0.98 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Chloroform [67-66-3]^ | 0.80 | U | ug/L | 1 | 0.80 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Chloromethane [74-87-3]^ | 0.82 | U | ug/L | 1 | 0.82 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Chloroprene [126-99-8]^ | 0.66 | U | ug/L | 1 | 0.66 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| cis-1,2-Dichloroethene [156-59-2]^ | 0.53 | U | ug/L | 1 | 0.53 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| cis-1,3-Dichloropropene [10061-01-5]^ | 0.59 | U | ug/L | 1 | 0.59 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Dibromochloromethane [124-48-1]^ | 0.44 | U | ug/L | 1 | 0.44 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Dibromomethane [74-95-3]^ | 0.84 | U | ug/L | 1 | 0.84 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Dichlorodifluoromethane [75-71-8]^ | 0.74 | U | ug/L | 1 | 0.74 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Ethyl Methacrylate [97-63-2]^ | 0.54 | U | ug/L | 1 | 0.54 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Ethylbenzene [100-41-4]^ | 0.69 | U | ug/L | 1 | 0.69 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Hexachlorobutadiene [87-68-3]^ | 0.70 | U | ug/L | 1 | 0.70 | 1.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Iodomethane [74-88-4]^ | 0.72 | U | ug/L | 1 | 0.72 | 5.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |
| Isobutyl alcohol [78-83-1]^ | 14 | U | ug/L | 1 | 14 | 50 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | QL-02 |
| m,p-Xylenes [108-38-3/106-42-3]^ | 1.3 | U | ug/L | 1 | 1.3 | 2.0 | 8D13030 | EPA 8260B | 04/14/18 05:41 | JAJ | |

ANALYTICAL RESULTS

Description: TRIP BLANK

Lab Sample ID: AB02092-05

Received: 04/11/18 17:15

Matrix: Water

Sampled: 04/11/18 00:00

Work Order: AB02092

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

Sampled By: Enco

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

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

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

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13015 - EPA 5030B_MS

Blank (8D13015-BLK1)

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

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

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13015 - EPA 5030B_MS - Continued

Blank (8D13015-BLK1) Continued

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

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

LCS (8D13015-BS1)

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

| Analyte | Result | Flag | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------|--------|------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| 1,1-Dichloroethene | 16 | | 1.0 | ug/L | 20.0 | | 82 | 47-139 | | | |
| Benzene | 20 | | 1.0 | ug/L | 20.0 | | 99 | 56-136 | | | |
| Chlorobenzene | 17 | | 1.0 | ug/L | 20.0 | | 85 | 51-139 | | | |
| Toluene | 17 | | 1.0 | ug/L | 20.0 | | 85 | 64-131 | | | |
| Trichloroethene | 17 | | 1.0 | ug/L | 20.0 | | 85 | 62-135 | | | |
| 4-Bromofluorobenzene | 49 | | | ug/L | 50.0 | | 97 | 41-142 | | | |
| Dibromofluoromethane | 48 | | | ug/L | 50.0 | | 96 | 53-146 | | | |
| Toluene-d8 | 51 | | | ug/L | 50.0 | | 101 | 41-146 | | | |

Matrix Spike (8D13015-MS1)

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

Source: AB02598-01

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

Matrix Spike Dup (8D13015-MSD1)

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

Source: AB02598-01

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

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13015 - EPA 5030B_MS - Continued

Matrix Spike Dup (8D13015-MSD1) Continued

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

Source: AB02598-01

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

Batch 8D13030 - EPA 5030B_MS

Blank (8D13030-BLK1)

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

| Analyte | Result | Flaq | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------|--------|------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| 1,1,1,2-Tetrachloroethane | 0.61 | U | 1.0 | ug/L | | | | | | | |
| 1,1,1-Trichloroethane | 0.80 | U | 1.0 | ug/L | | | | | | | |
| 1,1,2,2-Tetrachloroethane | 0.54 | U | 1.0 | ug/L | | | | | | | |
| 1,1,2-Trichloroethane | 0.76 | U | 1.0 | ug/L | | | | | | | |
| 1,1-Dichloroethane | 0.62 | U | 1.0 | ug/L | | | | | | | |
| 1,1-Dichloroethene | 0.94 | U | 1.0 | ug/L | | | | | | | |
| 1,1-Dichloropropene | 0.74 | U | 1.0 | ug/L | | | | | | | |
| 1,2,3-Trichloropropane | 0.64 | U | 1.0 | ug/L | | | | | | | |
| 1,2,4-Trichlorobenzene | 0.70 | U | 1.0 | ug/L | | | | | | | |
| 1,2-Dichlorobenzene | 0.73 | U | 1.0 | ug/L | | | | | | | |
| 1,2-Dichloroethane | 0.63 | U | 1.0 | ug/L | | | | | | | |
| 1,2-Dichloropropane | 0.80 | U | 1.0 | ug/L | | | | | | | |
| 1,3-Dichlorobenzene | 0.77 | U | 1.0 | ug/L | | | | | | | |
| 1,3-Dichloropropane | 0.60 | U | 1.0 | ug/L | | | | | | | |
| 1,4-Dichlorobenzene | 0.76 | U | 1.0 | ug/L | | | | | | | |
| 2,2-Dichloropropane | 0.66 | U | 1.0 | ug/L | | | | | | | |
| 2-Butanone | 4.5 | U | 5.0 | ug/L | | | | | | | |
| 2-Hexanone | 1.4 | U | 5.0 | ug/L | | | | | | | |
| 3-Chloropropene | 1.0 | U | 2.0 | ug/L | | | | | | | |
| 4-Methyl-2-pentanone | 0.79 | U | 5.0 | ug/L | | | | | | | |
| Acetone | 10 | U | 20 | ug/L | | | | | | | |
| Acetonitrile | 8.5 | U | 10 | ug/L | | | | | | | |
| Acrolein | 6.4 | U | 10 | ug/L | | | | | | | |
| Acrylonitrile | 3.2 | U | 10 | ug/L | | | | | | | |
| Benzene | 0.71 | U | 1.0 | ug/L | | | | | | | |
| Bromochloromethane | 0.94 | U | 1.0 | ug/L | | | | | | | |
| Bromodichloromethane | 0.52 | U | 1.0 | ug/L | | | | | | | |
| Bromoform | 0.75 | U | 1.0 | ug/L | | | | | | | |
| Bromomethane | 0.95 | U | 1.0 | ug/L | | | | | | | |
| Carbon disulfide | 2.6 | U | 5.0 | ug/L | | | | | | | |
| Carbon tetrachloride | 0.94 | U | 1.0 | ug/L | | | | | | | |
| Chlorobenzene | 0.72 | U | 1.0 | ug/L | | | | | | | |
| Chloroethane | 0.98 | U | 1.0 | ug/L | | | | | | | |
| Chloroform | 0.80 | U | 1.0 | ug/L | | | | | | | |

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13030 - EPA 5030B_MS - Continued

Blank (8D13030-BLK1) Continued

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

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

LCS (8D13030-BS1)

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

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

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 8D13030 - EPA 5030B_MS - Continued

Matrix Spike (8D13030-MS1)

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

Source: AB02266-01

| Analyte | Result | Flag | POL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------|--------|------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| 1,1-Dichloroethene | 22 | | 1.0 | ug/L | 20.0 | 0.94 U | 111 | 47-139 | | | |
| Benzene | 25 | | 1.0 | ug/L | 20.0 | 0.71 U | 127 | 56-136 | | | |
| Chlorobenzene | 21 | | 1.0 | ug/L | 20.0 | 0.72 U | 107 | 51-139 | | | |
| Toluene | 22 | | 1.0 | ug/L | 20.0 | 0.72 U | 109 | 64-131 | | | |
| Trichloroethene | 23 | | 1.0 | ug/L | 20.0 | 0.89 U | 115 | 62-135 | | | |
| 4-Bromofluorobenzene | 49 | | | ug/L | 50.0 | | 97 | 41-142 | | | |
| Dibromofluoromethane | 50 | | | ug/L | 50.0 | | 99 | 53-146 | | | |
| Toluene-d8 | 50 | | | ug/L | 50.0 | | 100 | 41-146 | | | |

Matrix Spike Dup (8D13030-MSD1)

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

Source: AB02266-01

| Analyte | Result | Flag | POL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------|--------|------|-----|-------|-------------|---------------|------|-------------|------|-----------|-------|
| 1,1-Dichloroethene | 22 | | 1.0 | ug/L | 20.0 | 0.94 U | 108 | 47-139 | 3 | 16 | |
| Benzene | 25 | | 1.0 | ug/L | 20.0 | 0.71 U | 127 | 56-136 | 0.08 | 14 | |
| Chlorobenzene | 22 | | 1.0 | ug/L | 20.0 | 0.72 U | 109 | 51-139 | 2 | 13 | |
| Toluene | 22 | | 1.0 | ug/L | 20.0 | 0.72 U | 110 | 64-131 | 0.5 | 16 | |
| Trichloroethene | 23 | | 1.0 | ug/L | 20.0 | 0.89 U | 116 | 62-135 | 0.5 | 20 | |
| 4-Bromofluorobenzene | 51 | | | ug/L | 50.0 | | 101 | 41-142 | | | |
| Dibromofluoromethane | 50 | | | ug/L | 50.0 | | 100 | 53-146 | | | |
| Toluene-d8 | 51 | | | ug/L | 50.0 | | 102 | 41-146 | | | |

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8D16001 - EPA 3510C_MS

Blank (8D16001-BLK1)

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

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

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8D16001 - EPA 3510C_MS - Continued

Blank (8D16001-BLK1) Continued

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

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

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8D16001 - EPA 3510C_MS - Continued

Blank (8D16001-BLK1) Continued

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

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

LCS (8D16001-BS1)

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

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

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8D16001 - EPA 3510C_MS - Continued

LCS (8D16001-BS1) Continued

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

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

Matrix Spike (8D16001-MS1)

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

Source: AB02598-01

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

Matrix Spike Dup (8D16001-MSD1)

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

Source: AB02598-01

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

Organochlorine Pesticides by GC - Quality Control

Batch 8D11043 - EPA 3510C

QUALITY CONTROL DATA

Organochlorine Pesticides by GC - Quality Control

Blank (8D11043-BLK1)

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

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

LCS (8D11043-BS1)

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

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

Matrix Spike (8D11043-MS1)

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

Source: AB02583-01

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

Matrix Spike Dup (8D11043-MSD1)

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

Source: AB02583-01

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

FINAL

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

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QUALITY CONTROL DATA

Organochlorine Pesticides by GC - Quality Control

Batch 8D11043 - EPA 3510C - Continued

Matrix Spike Dup (8D11043-MSD1) Continued

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

Source: AB02583-01

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

Polychlorinated Biphenyls by GC - Quality Control

Batch 8D18007 - EPA 3510C

Blank (8D18007-BLK1)

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

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

LCS (8D18007-BS1)

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

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

Matrix Spike (8D18007-MS1)

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

Source: AB02757-01

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

Matrix Spike Dup (8D18007-MSD1)

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

Source: AB02757-01

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

Chlorinated Herbicides by GC - Quality Control

Batch 8D11044 - EPA 3510C

QUALITY CONTROL DATA

Chlorinated Herbicides by GC - Quality Control

Batch 8D11044 - EPA 3510C - Continued

Blank (8D11044-BLK1)

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

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

LCS (8D11044-BS1)

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

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

Matrix Spike (8D11044-MS1)

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

Source: AB02583-01

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

Matrix Spike Dup (8D11044-MSD1)

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

Source: AB02583-01

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

Semivolatile Organic Compounds by GC - Quality Control

Batch 8D17027 - EPA 504/8011

Blank (8D17027-BLK1)

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

| Analyte | Result | Flag | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|------|-------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| 1,2-Dibromo-3-chloropropane | 0.012 | U | 0.020 | ug/L | | | | | | | |
| 1,2-Dibromoethane | 0.004 | U | 0.020 | ug/L | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.23 | | | ug/L | 0.250 | | 93 | 70-130 | | | |

LCS (8D17027-BS1)

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

| Analyte | Result | Flag | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|------|-------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| 1,2-Dibromo-3-chloropropane | 0.23 | | 0.020 | ug/L | 0.250 | | 91 | 61-139 | | | |
| 1,2-Dibromoethane | 0.20 | | 0.020 | ug/L | 0.250 | | 80 | 65-133 | | | |
| 1,1,1,2-Tetrachloroethane | 0.24 | | | ug/L | 0.250 | | 95 | 70-130 | | | |

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GC - Quality Control

Batch 8D17027 - EPA 504/8011 - Continued

Matrix Spike (8D17027-MS1)

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

Source: AB02757-01

| Analyte | Result | Flaq | POL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|------|-------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| 1,2-Dibromo-3-chloropropane | 0.24 | | 0.020 | ug/L | 0.250 | 0.012 U | 95 | 61-139 | | | |
| 1,2-Dibromoethane | 0.21 | | 0.020 | ug/L | 0.250 | 0.004 U | 84 | 65-133 | | | |
| 1,1,1,2-Tetrachloroethane | 0.24 | | | ug/L | 0.250 | | 96 | 70-130 | | | |

Matrix Spike Dup (8D17027-MSD1)

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

Source: AB02757-01

| Analyte | Result | Flaq | POL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|------|-------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| 1,2-Dibromo-3-chloropropane | 0.23 | | 0.020 | ug/L | 0.250 | 0.012 U | 93 | 61-139 | 2 | 12 | |
| 1,2-Dibromoethane | 0.21 | | 0.020 | ug/L | 0.250 | 0.004 U | 83 | 65-133 | 0.5 | 17 | |
| 1,1,1,2-Tetrachloroethane | 0.24 | | | ug/L | 0.250 | | 96 | 70-130 | | | |

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8D12012 - EPA 7470A

Blank (8D12012-BLK1)

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

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

Blank (8D12012-BLK2)

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

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

LCS (8D12012-BS1)

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

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

Matrix Spike (8D12012-MS1)

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

Source: AB02566-01

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

Matrix Spike Dup (8D12012-MSD1)

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

Source: AB02566-01

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

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

Batch 8D11039 - EPA 3005A

Blank (8D11039-BLK1)

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

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

QUALITY CONTROL DATA

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

Batch 8D11039 - EPA 3005A - Continued

Blank (8D11039-BLK1) Continued

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

| Analyte | Result | Flag | POL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------|--------|------|------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| Arsenic | 6.10 | U | 10.0 | ug/L | | | | | | | |
| Barium | 20.0 | U | 100 | ug/L | | | | | | | |
| Beryllium | 0.940 | U | 1.00 | ug/L | | | | | | | |
| Cadmium | 0.900 | U | 3.00 | ug/L | | | | | | | |
| Chromium | 4.50 | U | 10.0 | ug/L | | | | | | | |
| Cobalt | 2.10 | U | 10.0 | ug/L | | | | | | | |
| Copper | 2.20 | U | 10.0 | ug/L | | | | | | | |
| Iron | 38.0 | U | 50.0 | ug/L | | | | | | | |
| Lead | 1.60 | U | 5.00 | ug/L | | | | | | | |
| Nickel | 3.20 | U | 10.0 | ug/L | | | | | | | |
| Selenium | 6.50 | U | 10.0 | ug/L | | | | | | | |
| Silver | 0.290 | U | 1.00 | ug/L | | | | | | | |
| Sodium | 0.320 | U | 1.00 | mg/L | | | | | | | |
| Thallium | 0.580 | U | 1.00 | ug/L | | | | | | | |
| Vanadium | 2.00 | U | 10.0 | ug/L | | | | | | | |
| Zinc | 16.0 | U | 50.0 | ug/L | | | | | | | |

Blank (8D11039-BLK2)

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

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

Blank (8D11039-BLK3)

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

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

Blank (8D11039-BLK4)

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

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

QUALITY CONTROL DATA

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

Batch 8D11039 - EPA 3005A - Continued

LCS (8D11039-BS1)

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

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

LCS (8D11039-BS2)

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

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

Matrix Spike (8D11039-MS1)

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

Source: AB02281-01

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

Matrix Spike (8D11039-MS2)

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

Source: AB02281-01RE1

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

QUALITY CONTROL DATA

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

Batch 8D11039 - EPA 3005A - Continued

Matrix Spike Dup (8D11039-MSD1)

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

Source: AB02281-01

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

Matrix Spike Dup (8D11039-MSD2)

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

Source: AB02281-01RE1

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

Post Spike (8D11039-PS2)

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

Source: AB02092-03

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

Batch AA48301 - 8D09005

Serial Dilution (AA48301-SRD1)

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

Source: AB02281-01

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

Classical Chemistry Parameters - Quality Control

Batch 8D12001 - NO PREP

Blank (8D12001-BLK1)

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

| Analyte | Result | Flaq | POL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------|--------|------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
| Chloride | 0.29 | U | 5.0 | mg/L | | | | | | | |
| Nitrate as N | 0.052 | U | 1.0 | mg/L | | | | | | | U |

LCS (8D12001-BS1)

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

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

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8D12001 - NO PREP - Continued

LCS (8D12001-BS1) Continued

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

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

Matrix Spike (8D12001-MS1)

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

Source: AB02092-01

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

Matrix Spike (8D12001-MS2)

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

Source: AB02092-03

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

Matrix Spike Dup (8D12001-MSD1)

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

Source: AB02092-01

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

Matrix Spike Dup (8D12001-MSD2)

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

Source: AB02092-03

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

Batch 8D12026 - NO PREP

Blank (8D12026-BLK1)

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

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

LCS (8D12026-BS1)

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

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

Matrix Spike (8D12026-MS1)

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

Source: AB02092-01

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

Matrix Spike (8D12026-MS2)

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

Source: AB02049-08

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

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8D12026 - NO PREP - Continued

Matrix Spike Dup (8D12026-MSD1)

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

Source: AB02092-01

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

Batch 8D12034 - NO PREP

Blank (8D12034-BLK1)

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

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

LCS (8D12034-BS1)

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

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

Duplicate (8D12034-DUP1)

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

Source: AB02092-01

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

Batch 8D16004 - NO PREP

Blank (8D16004-BLK1)

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

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

LCS (8D16004-BS1)

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

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

Matrix Spike (8D16004-MS1)

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

Source: AB02744-01

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

Matrix Spike Dup (8D16004-MSD1)

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

Source: AB02744-01

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

Batch 8D18052 - NO PREP

Blank (8D18052-BLK1)

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

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

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 8D18052 - NO PREP - Continued

LCS (8D18052-BS1)

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

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

Matrix Spike (8D18052-MS1)

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

Source: AB02866-01

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

Matrix Spike Dup (8D18052-MSD1)

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

Source: AB02866-01

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

FLAGS/NOTES AND DEFINITIONS

| | |
|--------------|---|
| PQL | PQL: Practical Quantitation Limit. |
| B | Results are based upon membrane filter colony counts that are outside the method indicated ideal range. |
| I | The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL). |
| J | Estimated value. |
| K | Off-scale low; Actual value is known to be less than the value given. |
| L | Off-scale high; Actual value is known to be greater than value given. |
| M | Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL. |
| N | Presumptive evidence of presence of material. |
| O | Sampled, but analysis lost or not performed. |
| Q | Sample exceeded the accepted holding time. |
| T | Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis. |
| U | Indicates that the compound was analyzed for but not detected. |
| V | Indicates that the analyte was detected in both the sample and the associated method blank. |
| Y | The laboratory analysis was from an improperly preserved sample. The data may not be accurate. |
| Z | Too many colonies were present (TNTC); the numeric value represents the filtration volume. |
| ? | Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data. |
| * | Not reported due to interference. |
| O-01 | This compound is a common laboratory contaminant. |
| QL-02 | The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| QM-11 | Precision between duplicate matrix spikes of the same sample was outside acceptance limits. |
| QM-17 | Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample. |
| QS-03 | Surrogate recovery outside acceptance limits |
| QV-01 | The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact. |

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: 30178 | DATE: 4-11-18 |

PURGING DATA

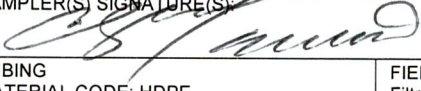
| | | | | |
|--|--|---|---|---|
| WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): .170 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 16.92 | PURGE PUMP TYPE OR BAILER: PP |
| WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (25.00 \text{ feet} - 16.92 \text{ feet}) \times .16 \text{ gallons/foot} = 1.29 \text{ gallons}$ | | | | |
| EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= .0012 \text{ gallons/foot} \times 35.00 \text{ feet} + .032 \text{ gallons} = .08 \text{ gallons}$ | | | | |
| 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 <input checked="" type="checkbox"/> N <input type="checkbox"/> | FILTER SIZE: _____ µm |
| FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | | TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/> | | DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION (including wet ice) | | | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
|--------------------------------|-----------------|------------------|--------|---|----------------------------------|-------------|---------------------------------------|-------------------------------|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | | | |
| MW-5AR | 3 | CG | 40 mL | HCL | None | Not Req'd | 8260B (app 2) | PP | ≈ 100 |
| MW-5AR | 1 | PE | 250 mL | HNO ₃ | None | 72 | Metals | PP | ≈ 132 |
| MW-5AR | 1 | PE | 250 mL | H ₂ SO ₄ | None | 72 | 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 ⁴⁺ NaOH | None | 79 | 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 | 79 | 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) $= (\text{63.00 feet} - \text{26.88 feet}) \times .16 \text{ gallons/foot} = \text{5.78 gallons}$ | | | | |
| EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (.0012 \text{ gallons/foot} \times \text{35.00 feet}) + .032 \text{ gallons} = .08 \text{ gallons}$ | | | | |
| 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 | 7.14 | 23.94 | 360 | 1.85 | .50 | None | None |
| 1445 | 1.20 | 17.20 | .40 | 26.88 | 7.02 | 23.93 | 348 | 1.65 | .50 | None | None |
| 1448 | 1.20 | 18.40 | .40 | 26.88 | 7.00 | 23.95 | 356 | 1.44 | .50 | None | None |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |
| | | | | | | | | | | | |

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 <input checked="" type="checkbox"/> N <input type="checkbox"/> | | FILTER SIZE: _____ µm | |
| FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | | | | TUBING Y <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/> | | | DUPLICATE: Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | | | |

| SAMPLE CONTAINER SPECIFICATION | | | | SAMPLE PRESERVATION (including wet ice) | | | INTENDED ANALYSIS AND/OR METHOD | SAMPLING EQUIPMENT CODE | SAMPLE PUMP FLOW RATE (mL per minute) |
|--------------------------------|-----------------|------------------|--------|---|----------------------------------|-------------|---------------------------------------|-------------------------------|---|
| SAMPLE ID CODE | # CONTAINERS | MATERIAL CODE | VOLUME | PRESERVATIVE USED | TOTAL VOL ADDED IN FIELD (mL) | FINAL pH | | | |
| MW-5BR | 3 | CG | 40 mL | HCL | None | Not Req'd | 8260B (app 2) | PP | ≈ 100 |
| MW-5BR | 1 | PE | 250 mL | HNO ₃ | None | 72 | Metals | PP | ≈ 1325 |
| MW-5BR | 1 | PE | 250 mL | H ₂ SO ₄ | None | 72 | 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 ²⁺ NaOH | None | 79 | Sulfide | PP | ≈ 1325 |
| MW-5BR | 2 | AG | 250 mL | 4° C | None | Not Req'd | 8151A / 8081A (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

Page 1 of

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 | | VERIFY @ START | LOT NUMBER | EXP DATE |
|----------|---------------|-------|-------------------|------------|----------|
| | INITIAL | CCV | | | |
| 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 |

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

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

Standards are prepared by OAKTON.

Liquid Temp: N/A

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

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

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

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

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

| STANDARD (ntu) | INITIAL | CCV | LOT NUMBER | EXPIRATION DATE |
|----------------|---------------|-----|------------|-----------------|
| | METER READING | | | |
| 1000 | NM | NM | See Below | 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

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

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:

Chris Monaco or Karen LeBeau

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD


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

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

102-A Woodwinds Industrial Ct.
Cary, NC 27511
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www.encolabs.com

Page of

| | | | | | | | | | |
|---|-----|--|--|---|--|--|--|--|--|
| Client Name Angelo's Recycled Materials (ANQ10) | | Project Number 87895 | | Requested Analyses | | | | Requested Turnaround Times | |
| Address 41111 Enterprise Road | | Project Name/Desc ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.) | | 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 F, Sulfide SM4500-S.F 8270D-Extended 4/11/18 Ag,As,Ba,Bi,Cd,Co,Cr,Cu,Fe,Hg,Na,Ni,Pb,Sb,Se,Sn,Ti,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 4/11/18 | | | | Note : Rush requests subject to acceptance by the facility | |
| City/ST/Zip Dade City, FL 33525 | | PO # / Billing Info | | | | | | <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited | |
| Tel (352) 521-3607 | Fax | Reporting Contact Walker Wrenn | | Due ___/___/___ Lab Workorder AB02092 | | | | | |
| Sampler(s) Name, Affiliation (Print) Chris Monaco Ideal Tech Services Inc. | | Billing Contact John Arnold | | | | | | | |
| Sampler(s) Signature  | | Site Location / Time Zone FL/E ST | | | | | | | |

[illegible]

| | | | | | |
|---|-----------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|--|
| Sample Kit Prepared By <i>ECC6</i> | Date/Time <i>3/27/18 10:30</i> | Relinquished By <i>[Signature]</i> | Date/Time <i>3/27/18 10:30</i> | Received By <i>[Signature]</i> | Date/Time <i>3/29/18 12:00</i> |
| Comments/Special Reporting Requirements | | Relinquished By <i>[Signature]</i> | Date/Time <i>4-11-18 1527</i> | Received By <i>Kaundt Bean</i> | Date/Time <i>4-11-18 1527</i> |
| | | Relinquished By <i>Kaundt Bean</i> | Date/Time <i>4-11-18 1715</i> | Received By <i>[Signature]</i> | Date/Time <i>4-11-15 1715</i> |
| | | Cooler #'s & Temps on Receipt | | | Condition Upon Receipt <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> 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.