



September 7, 2018

Patricia Goense
Florida Department of Environmental Protection
P.O. Box 2549
Fort Myers, FL 33902-2549

re: Team Logistics Diesel Spill at the Sarasota County Landfill Located at 4000 Knight Trail Road, Nokomis,
Sarasota County, Florida

Dear Ms. Goense,

Attached please find a completed Source Removal Report including manifests for a Source Removal conducted at the above referenced location in Sarasota County, Florida. In accordance with 62-780, Florida Administrative Code (F.A.C.), the purpose of this Source Removal was to remove any contaminated material [as defined in F.A.C. 62-780.200(10)] resulting from the release of an estimated quantity of 30-40 gallons of diesel at the above-referenced site; site maps are included as Attachment B.

The spill occurred on July 5, 2018 when there was an overfill while filling an aboveground storage tank (AST) located at the landfill. While others completed the initial response, Alpha-Omega Training and Compliance, Inc. (AOTC) was authorized on August 9, 2018 to evaluate the site and prepare it for final remediation. At that time, AOTC delineated the spill area and made arrangement to return to complete the remediation. AOTC returned to the site on August 17, 2018 to excavate the contaminated soil placing it into a single dump trailer for transport to Clark Environmental, Inc. of Mulberry, Florida for thermal treatment and disposal. Following the completion of the initial excavation of contaminated soil, soil samples were collected from the excavation and the surrounding soils and analyzed using a RAE Systems Mini-Rae 2000 volatile organic compounds monitor (model PGM 7600) with a photo-ionization detector (OVA-PID) to ensure that all contaminated soils were excavated. These samples were analyzed using the headspace analysis methodology described in FAC 62-780.200(17); results are included as Attachment C. Any soil identified as contaminated was excavated and added to the previously excavated soil for disposal. A total of 3.10 tons of contaminated soil was received the disposal facility on August 17, 2018. Copies of the signed manifest and weight ticket for the excavation as well as copies of the manifests generated during the initial response are included as Attachment A. Following completion of the source removal, in accordance with state requirements, five confirmatory samples were collected from the areas of highest contamination based on visual observations and OVA results including four walls and the floor of the excavation using the sampling device provided by the laboratory and analyzed in accordance with the requirements of Table B, F.A.C. 62-780; analytical results are included as Attachment B. Based on these data, we respectfully request a finding of no further assessment for this site. If you require additional information or have any questions concerning the work completed as part of this source removal, please contact us.

Sincerely,

Clint Daugherty
Operations Manager

xc: Eric Fontaine, Team Logistics (digital)
Lois Rose, Sarasota County
file

321.445.9845

PO BOX 236727, COCOA, FL 32923

www.a-otc.com



Florida Department of Environmental Protection

(SOURCE REMOVAL REPORT)

Required Signatures: **Adobe Signature**

The Florida Department of Environmental Protection, Office of Emergency Response (OER) Source Removal Report may be used as a cleanup report for discharges regulated under Chapter 62-780, F.A.C., that constitute an emergency situation. Within 60 days of completion of free product removal and disposal, and/or soil treatment or disposal, send this report and attachments to the Florida Department of Environmental Protection, Office of Emergency Response.

Incident Date: 07/05/18 Date Cleanup Initiated: 07/05/18 Date Cleanup Completed: 08/17/18

Location of Incident: 4020 Knights Trail Road

Nearest City/Town: Nokomis County: Sarasota

Latitude: 27.194958 Longitude: -82.384401

Material Discharged: diesel

Volume Discharged: 35 ☒ Gallons ☐ Pounds

Cause of Discharge (Check All that Apply):

- | | | | |
|--|---|---|--|
| <input checked="" type="checkbox"/> UST/AST Overfill | <input type="checkbox"/> Fuel Tank Leak | <input type="checkbox"/> Train Accident | <input type="checkbox"/> Container Leak (Drum) |
| <input type="checkbox"/> Vehicle Accident | <input type="checkbox"/> Valve Leak | <input type="checkbox"/> Pipeline Leak | <input type="checkbox"/> UST/AST Line Leak |
| <input type="checkbox"/> Cargo Tank Leak | <input type="checkbox"/> Other: _____ | | |

Environment Affected (Check All that Apply):

- | | | | | |
|--|---|--|---------------------------------------|---|
| <input type="checkbox"/> Air | <input type="checkbox"/> Sanitary Sewer | <input type="checkbox"/> Coastal Beach | <input type="checkbox"/> Storm Drain | <input type="checkbox"/> Impervious Surface |
| <input checked="" type="checkbox"/> Soil | <input type="checkbox"/> Roadside Ditch | <input type="checkbox"/> Groundwater | <input type="checkbox"/> Wetland Area | |
| <input type="checkbox"/> Surface Water: (Name) _____ | | <input type="checkbox"/> Other: _____ | | |

Responsible Party/Spiller Information:

Name: Sarasota County Government Contact: Stefan Genser

Mailing Address: 1660 Ringling Blvd

City: Sarasota State: Florida Zip: 34236

Telephone: 941-861-1589 Alternate Phone: unknown Fax: unknown

Email: achandler@a-otc.com



Florida Department of Environmental Protection

(SOURCE REMOVAL REPORT)

Cleanup Contractor Information:

Name: AOTC Contact: Alan Chandler
Mailing Address: P.O. Box 959
City: Newberry State: Florida Zip: 32669
Telephone: 352-472-7295 Alternate Phone: 352-215-2162 Fax: 352-472-7295
Email: achandler@a-otc.com

Method of Cleanup (Check All that Apply):

☒ Soil Excavation ☐ Absorbants ☐ Skimmer ☐ In-Situ Burning
☐ Vacuum Truck ☐ Boom ☐ Street Sweeper ☐ Neutralization
☐ Other: _____

Volume of Free Product Recovered: not applicable ☐ Gallons ☐ Drums
Disposal Method of Free Product Recovered: ☐ Incineration ☐ Fuel Blending ☐ Wastewater Treatment
☐ Other: _____

Volume of Soil Removed: 3.10 ☐ Cubic yards ☐ Pounds ☒ Tons ☐ Drums
Dimensions of Soil Excavation: 6 'Long 5 'Wide 2 'Deep
Disposal Method of Soil Removed: ☐ Soil Thermal Treatment Facility ☒ Landfill ☐ Hazardous Waste
☐ Other: _____

Volume of Other Debris/Materials Removed: not applicable ☐ Pounds ☐ Tons ☐ Drums
Disposal of Debris/Material Removed: ☐ Soil Thermal Treatment Facility ☐ Landfill ☐ Hazardous Waste
☐ Other: _____

Volume of PCW Removed: not applicable ☐ Gallons ☐ Drums
☐ PCW disposed of in authorized wastewater treatment facility
Depth of Groundwater: > 3 ft How Determined: topographically, low dry spot was 3 ft below excavation



Florida Department of Environmental Protection

(SOURCE REMOVAL REPORT)

Type of Field Screening Instrument or Method Used:

☐ OVA/FID

☒ PID

☐ Other: _____

Summary of Instrument Readings:

Highest Reading Observed Before Excavation: none taken - soil saturated with diesel

Highest Reading Observed After Excavation: 4.4 ppm

Lowest Reading Observed After Excavation: 0 ppm

Laboratory Information: (if applicable):

Name: Advanced Environmental Laboratories, Inc.

DOH ELCP Certification Number: E82574

Attached Copies of (as applicable):

- ☒ Documentation confirming recycling, treatment, or disposal of all materials
- ☒ Weight tickets
- ☒ Copy of analytical results
- ☒ A scaled map of the site (including a graphical representation of the scale used) showing locations of free product recovered, the area of soil removed or treated, and any roads, ditches, etc. The map shall include dimensions of the excavation and the identification and location of all samples taken.
- ☒ A scaled map of the geographical area where the site is located
- ☒ A table indicating the identification, depth, and field soil screening results of each sample collected and location where confirmation samples were taken.
- ☒ A copy of the instrumentation calibration record for the field testing instrument(s)
- ☒ A copy of the sample transmittal record or Chain-of-Custody Form.
- ☒ Other: discharge report form; photographs

Certification:

- ☒ I certify that the above information and attachments are correct to the best of my knowledge. I understand the submission of false information, or failure to comply with state and federal laws, is a civil and criminal violation and may be grounds for enforcement action.

Name: Andrea Dennis, Agent for Team Logistics

Signature: _____

Firm: AOTC, Inc.

Date: August 31, 2018

ATTACHMENT A
MANIFESTS
and
WEIGHT TICKETS

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

1-800-888-7689

0013987

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

A.D.S. WASTE
4000 KNIGHT TRAIL RD, NOKOMIS FIA

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

HEPACO

NCD 986194306

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Aqua Clean ENVIRONMENTAL
3210 WHITTEN RD LAKELAND FIA 33811

Facility's Phone: 863-644-0665

9. Waste Shipping Name and Description

10. Containers

11. Total
Quantity12. Unit
Wt./Vol.

No.

Type

1.

NON contaminated soil AND DIESEL

6

D

1200

2.

3.

4.

13. Special Handling Instructions and Additional Information

PROJECT # 1863-8037

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

Kurt Davidson

[Signature]

07/05/2018

15. International Shipments

☐ Import to U.S.☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

JAMES McALLISTER

[Signature]

7/5/18

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity☐ Type☐ Residue☐ Partial Rejection☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Lube Polonitz

[Signature]

7/6/18

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

0013988

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

A.D.S. WASTE
4000 KNIGHT TRAIL RD NOKOMIS FLA

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

HEPACO

HCD 986194306

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Aqua Clean ENVIRONMENTAL
3210 WHITTEN RD LAKELAND FLA 33811

Facility's Phone: 863-644-0665

9. Waste Shipping Name and Description

10. Containers

11. Total
Quantity12. Unit
Wt./Vol.

No.

Type

1.

300
8

NON contaminated WATER + DIESEL

2

TOTES 400

2.

3.

4.

13. Special Handling Instructions and Additional Information

PROJECT # 1863-8037

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity☐ Type☐ Residue☐ Partial Rejection☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 800-888-7689	4. Waste Tracking Number 0013820
5. Generator's Name and Mailing Address A.D.S. WASTE 4000 KNIGHT TRAIL RD NOKOMIS FIA					
Generator's Phone: 269-267-7191					
6. Transporter 1 Company Name HEPACO					
U.S. EPA ID Number NCO 986194306					
7. Transporter 2 Company Name					
U.S. EPA ID Number					
8. Designated Facility Name and Site Address CLARK ENVIRONMENTAL 755 PRAIRIE INDUSTRIAL PKWY MULBERRY FIA 33860					
U.S. EPA ID Number					
Facility's Phone: 1863-425-4884					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt/Vol
		No.	Type		
1. NON CONTAMINATED SOIL AND DIESEL		3	S D	900	P
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information GLOVES GARGLES OR FACE SHIELD 42908-DCO PROJECT # 1863-8037 PO# 68-1000/3					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled, placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offendor's Printed/Typed Name RICH DORSON			Signature 		Month Day Year 10 19 18
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name JERRY DORSON			Signature 		Month Day Year 10 19 18
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator. Certification of receipt of materials covered by the manifest except as noted in item 17a					
Printed/Typed Name NORMAN			Signature 		Month Day Year 10 19 18

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator ID Number

1174

2. Page 1 of

3. Emergency Response Phone

252-412-7255

4. Waste Tracking Number

187669

5. Generator's Name and Mailing Address

Team Logistics Co. LLC
1075 Airport Hwy.
Coral Gables, FL 33134

Generator's Site Address (if different than mailing address)

4000 Knight Trail Road, Nokomis, FL
(Hillsborough County)

Generator's Phone:

305-241-3000

6. Transporter 1 Company Name

Clark Environmental

U.S. EPA ID Number

1174

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Clark Environmental Inc.
750 Pratts Industrial Hwy
Middletown, FL 32661

U.S. EPA ID Number

Facility's Phone:

853-425-4844

9. Waste Shipping Name and Description

1. Non Regulated Waste - Petroleum Contaminated
Soil

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

001

01

0

0

6200
lbs

13. Special Handling Instructions and Additional Information

AAG # 18-269; AOTC # 615-1

Return Original To: AOTC, PO Box 559, Newberry, FL 32669

Clark Environmental Profile # 42915-BR01

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name

William Middleton, Agent for Team Logistics

Signature

Month Day Year

04 17 16

15. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Ruben Beravides

Signature

Month Day Year

04 17 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

B Crawford

Signature

Brandy Crawford

Month Day Year

08 17 16



Clark Environmental, Inc.
755 Prairie Industrial Pkwy.
Mulberry, Florida
Local 863-425-4884
Toll-Free 800-276-2187
Fax 863-425-2854

Weight Ticket

Truck # _____

DATE _____

GENERATOR San Jo County

ADDRESS 1100 Highway 101

CITY Mulberry

STATE FL ZIP _____

CEI APPROVAL # 44915 111 01

TRANSPORTER Clark

DRIVER SIGNATURE [Signature]

3.10 tons

ATTACHMENT B

CONFIRMATORY SOIL SAMPLE ANALYTICAL RESULTS



Advanced
Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.
4965 SW 41st Bl Gainesville, FL 32608
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (352) 377-2349
Fax: (352) 395-6639

August 24, 2018

Alan Chandler
Alpha-Omega Training & Compliance
PO Box 959
Newberry, FL 32669

RE: Workorder: G1807419 SARASOTA LANDFILL

Dear Alan Chandler:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, August 20, 2018. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Todd Romero - Lab Manager
TRomero@AELLab.com

Enclosures

Report ID: 575285 - 1246692

Page 1 of 15

CERTIFICATE OF ANALYSIS

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SAMPLE SUMMARY

Workorder: G1807419 SARASOTA LANDFILL

Lab ID	Sample ID	Matrix	Date Collected	Date Received
G1807419001	NORTH NW	Soil	8/17/2018 13:45	8/20/2018 16:50
G1807419002	SOUTH MW	Soil	8/17/2018 13:35	8/20/2018 16:50
G1807419003	EAST EW	Soil	8/17/2018 13:50	8/20/2018 16:50
G1807419004	WEST VW	Soil	8/17/2018 13:40	8/20/2018 16:50
G1807419005	FLOOR	Soil	8/17/2018 13:55	8/20/2018 16:50

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: G1807419 SARASOTA LANDFILL

Lab ID: **G1807419001**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **NORTH NW**

Date Collected: 08/17/18 13:45

Results for sample G1807419001 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
------------	---------	------	-------	----	-----------------	-----------------	----------	-----

SEMIVOLATILES

Analysis Desc: FL-PRO Analysis, Soil

Preparation Method: FL-PRO

Analytical Method: FL-PRO

TPH	10	I	mg/Kg	1	17	9.0	8/23/2018 13:28	T
o-Terphenyl (S)	89		%	1	62-109		8/23/2018 13:28	
Nonatricontane-C39 (S)	110		%	1	60-118		8/23/2018 13:28	

Analysis Desc: 8270C-SIM Analysis,
Soil

Preparation Method: SW-846 3550B

Analytical Method: SW-846 8270C (SIM)

1-Methylnaphthalene	0.0023	U	mg/Kg	1	0.010	0.0023	8/23/2018 12:39	T
2-Methylnaphthalene	0.0029	U	mg/Kg	1	0.010	0.0029	8/23/2018 12:39	T
Acenaphthene	0.0026	U	mg/Kg	1	0.010	0.0026	8/23/2018 12:39	T
Acenaphthylene	0.0029	U	mg/Kg	1	0.010	0.0029	8/23/2018 12:39	T
Anthracene	0.0027	U	mg/Kg	1	0.010	0.0027	8/23/2018 12:39	T
Benzo[a]anthracene	0.0045	U	mg/Kg	1	0.010	0.0045	8/23/2018 12:39	T
Benzo[a]pyrene	0.0025	U	mg/Kg	1	0.010	0.0025	8/23/2018 12:39	T
Benzo[b]fluoranthene	0.0030	U	mg/Kg	1	0.010	0.0030	8/23/2018 12:39	T
Benzo[g,h,i]perylene	0.0027	U	mg/Kg	1	0.010	0.0027	8/23/2018 12:39	T
Benzo[k]fluoranthene	0.0032	U	mg/Kg	1	0.010	0.0032	8/23/2018 12:39	T
Chrysene	0.0044	U	mg/Kg	1	0.010	0.0044	8/23/2018 12:39	T
Dibenzo[a,h]anthracene	0.0035	U	mg/Kg	1	0.010	0.0035	8/23/2018 12:39	T
Fluoranthene	0.0037	U	mg/Kg	1	0.010	0.0037	8/23/2018 12:39	T
Fluorene	0.0028	U	mg/Kg	1	0.010	0.0028	8/23/2018 12:39	T
Indeno(1,2,3-cd)pyrene	0.0032	U	mg/Kg	1	0.010	0.0032	8/23/2018 12:39	T
Naphthalene	0.0028	U	mg/Kg	1	0.010	0.0028	8/23/2018 12:39	T
Phenanthrene	0.0031	U	mg/Kg	1	0.010	0.0031	8/23/2018 12:39	T
Pyrene	0.0043	U	mg/Kg	1	0.010	0.0043	8/23/2018 12:39	T
Nitrobenzene-d5 (S)	61		%	1	33-134		8/23/2018 12:39	
2-Fluorobiphenyl (S)	60		%	1	37-127		8/23/2018 12:39	
p-Terphenyl-d14 (S)	68		%	1	42-141		8/23/2018 12:39	

VOLATILES

Analysis Desc: 8260B Analysis, Soil

Preparation Method: SW-846 5035

Analytical Method: SW-846 8260B

Benzene	0.00058	U	mg/Kg	1	0.0031	0.00058	8/21/2018 19:14	T
Ethylbenzene	0.00034	U	mg/Kg	1	0.0031	0.00034	8/21/2018 19:14	T
Methyl tert-butyl Ether (MTBE)	0.0010	U	mg/Kg	1	0.0031	0.0010	8/21/2018 19:14	T
Toluene	0.00042	U	mg/Kg	1	0.0031	0.00042	8/21/2018 19:14	T

Report ID: 575285 - 1246692

Page 3 of 15

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ANALYTICAL RESULTS

Workorder: G1807419 SARASOTA LANDFILL

Lab ID: **G1807419001**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **NORTH NW**

Date Collected: 08/17/18 13:45

Results for sample G1807419001 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Xylene (Total)	0.00048	U	mg/Kg	1	0.0061	0.00048	8/21/2018 19:14	T
1,2-Dichloroethane-d4 (S)	94		%	1	69-134		8/21/2018 19:14	
Toluene-d8 (S)	103		%	1	72-122		8/21/2018 19:14	
Bromofluorobenzene (S)	111		%	1	79-126		8/21/2018 19:14	

VOLATILES

Analysis Desc: Percent
Solids, SM2540G, Soil

Analytical Method: SM 2540G

Percent Moisture	20		%	1	0.0010	0.0010	8/23/2018 14:50	T
------------------	----	--	---	---	--------	--------	-----------------	---

Lab ID: **G1807419002**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **SOUTH MW**

Date Collected: 08/17/18 13:35

Results for sample G1807419002 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES								
Analysis Desc: FL-PRO Analysis, Soil			Preparation Method: FL-PRO					
			Analytical Method: FL-PRO					
TPH	34		mg/Kg	1	16	8.5	8/23/2018 13:56	T
o-Terphenyl (S)	92		%	1	62-109		8/23/2018 13:56	
Nonatricontane-C39 (S)	96		%	1	60-118		8/23/2018 13:56	

Analysis Desc: 8270C-SIM Analysis,
Soil

Preparation Method: SW-846 3550B

Analytical Method: SW-846 8270C (SIM)

1-Methylnaphthalene	0.0021	U	mg/Kg	1	0.0094	0.0021	8/23/2018 13:04	T
2-Methylnaphthalene	0.0027	U	mg/Kg	1	0.0094	0.0027	8/23/2018 13:04	T
Acenaphthene	0.0024	U	mg/Kg	1	0.0094	0.0024	8/23/2018 13:04	T
Acenaphthylene	0.0028	U	mg/Kg	1	0.0094	0.0028	8/23/2018 13:04	T
Anthracene	0.0025	U	mg/Kg	1	0.0094	0.0025	8/23/2018 13:04	T
Benzo[a]anthracene	0.0042	U	mg/Kg	1	0.0094	0.0042	8/23/2018 13:04	T
Benzo[a]pyrene	0.0023	U	mg/Kg	1	0.0094	0.0023	8/23/2018 13:04	T
Benzo[b]fluoranthene	0.0028	U	mg/Kg	1	0.0094	0.0028	8/23/2018 13:04	T
Benzo[g,h,i]perylene	0.0025	U	mg/Kg	1	0.0094	0.0025	8/23/2018 13:04	T
Benzo[k]fluoranthene	0.0030	U	mg/Kg	1	0.0094	0.0030	8/23/2018 13:04	T
Chrysene	0.0041	U	mg/Kg	1	0.0094	0.0041	8/23/2018 13:04	T

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ANALYTICAL RESULTS

Workorder: G1807419 SARASOTA LANDFILL

Lab ID: **G1807419002**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **SOUTH MW**

Date Collected: 08/17/18 13:35

Results for sample G1807419002 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Dibenzo[a,h]anthracene	0.0033	U	mg/Kg	1	0.0094	0.0033	8/23/2018 13:04	T
Fluoranthene	0.0034	U	mg/Kg	1	0.0094	0.0034	8/23/2018 13:04	T
Fluorene	0.0027	U	mg/Kg	1	0.0094	0.0027	8/23/2018 13:04	T
Indeno(1,2,3-cd)pyrene	0.0030	U	mg/Kg	1	0.0094	0.0030	8/23/2018 13:04	T
Naphthalene	0.0026	U	mg/Kg	1	0.0094	0.0026	8/23/2018 13:04	T
Phenanthrene	0.0029	U	mg/Kg	1	0.0094	0.0029	8/23/2018 13:04	T
Pyrene	0.0040	U	mg/Kg	1	0.0094	0.0040	8/23/2018 13:04	T
Nitrobenzene-d5 (S)	61		%	1	33-134		8/23/2018 13:04	
2-Fluorobiphenyl (S)	60		%	1	37-127		8/23/2018 13:04	
p-Terphenyl-d14 (S)	67		%	1	42-141		8/23/2018 13:04	

VOLATILES

Analysis Desc: 8260B Analysis, Soil

Preparation Method: SW-846 5035

Analytical Method: SW-846 8260B

Benzene	0.0043	U	mg/Kg	1	0.022	0.0043	8/21/2018 19:42	T
Ethylbenzene	0.0025	U	mg/Kg	1	0.022	0.0025	8/21/2018 19:42	T
Methyl tert-butyl Ether (MTBE)	0.0075	U	mg/Kg	1	0.022	0.0075	8/21/2018 19:42	T
Toluene	0.0031	U	mg/Kg	1	0.022	0.0031	8/21/2018 19:42	T
Xylene (Total)	0.0035	U	mg/Kg	1	0.045	0.0035	8/21/2018 19:42	T
1,2-Dichloroethane-d4 (S)	96		%	1	69-134		8/21/2018 19:42	
Toluene-d8 (S)	102		%	1	72-122		8/21/2018 19:42	
Bromofluorobenzene (S)	109		%	1	79-126		8/21/2018 19:42	

VOLATILES

Analysis Desc: Percent
Solids, SM2540G, Soil

Analytical Method: SM 2540G

Percent Moisture	15		%	1	0.0010	0.0010	8/23/2018 14:50	T
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Lab ID: **G1807419003**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **EAST EW**

Date Collected: 08/17/18 13:50

Results for sample G1807419003 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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SEMIVOLATILES

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ANALYTICAL RESULTS

Workorder: G1807419 SARASOTA LANDFILL

Lab ID: **G1807419003**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **EAST EW**

Date Collected: 08/17/18 13:50

Results for sample G1807419003 are reported on a dry weight basis.

Sample Description:

Location:

(NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: FL-PRO Analysis, Soil		Preparation Method: FL-PRO						
		Analytical Method: FL-PRO						
TPH	480		mg/Kg	10	160	84	8/24/2018 08:15	T
o-Terphenyl (S)	93		%	10	62-109		8/24/2018 08:15	
Nonatricontane-C39 (S)	116		%	10	60-118		8/24/2018 08:15	
Analysis Desc: 8270C-SIM Analysis, Soil		Preparation Method: SW-846 3550B						
		Analytical Method: SW-846 8270C (SIM)						
1-Methylnaphthalene	0.0021	U	mg/Kg	1	0.0093	0.0021	8/24/2018 09:18	T
2-Methylnaphthalene	0.0027	U	mg/Kg	1	0.0093	0.0027	8/24/2018 09:18	T
Acenaphthene	0.0024	U	mg/Kg	1	0.0093	0.0024	8/24/2018 09:18	T
Acenaphthylene	0.0027	U	mg/Kg	1	0.0093	0.0027	8/24/2018 09:18	T
Anthracene	0.0076	I	mg/Kg	1	0.0093	0.0025	8/24/2018 09:18	T
Benzo[a]anthracene	0.0041	U	mg/Kg	1	0.0093	0.0041	8/24/2018 09:18	T
Benzo[a]pyrene	0.0023	U	mg/Kg	1	0.0093	0.0023	8/24/2018 09:18	T
Benzo[b]fluoranthene	0.0028	U	mg/Kg	1	0.0093	0.0028	8/24/2018 09:18	T
Benzo[g,h,i]perylene	0.0025	U	mg/Kg	1	0.0093	0.0025	8/24/2018 09:18	T
Benzo[k]fluoranthene	0.0030	U	mg/Kg	1	0.0093	0.0030	8/24/2018 09:18	T
Chrysene	0.0041	U	mg/Kg	1	0.0093	0.0041	8/24/2018 09:18	T
Dibenzo[a,h]anthracene	0.0033	U	mg/Kg	1	0.0093	0.0033	8/24/2018 09:18	T
Fluoranthene	0.0034	U	mg/Kg	1	0.0093	0.0034	8/24/2018 09:18	T
Fluorene	0.017		mg/Kg	1	0.0093	0.0026	8/24/2018 09:18	T
Indeno(1,2,3-cd)pyrene	0.0030	U	mg/Kg	1	0.0093	0.0030	8/24/2018 09:18	T
Naphthalene	0.0026	U	mg/Kg	1	0.0093	0.0026	8/24/2018 09:18	T
Phenanthrene	0.0038	I	mg/Kg	1	0.0093	0.0029	8/24/2018 09:18	T
Pyrene	0.033		mg/Kg	1	0.0093	0.0040	8/24/2018 09:18	T
Nitrobenzene-d5 (S)	46		%	1	33-134		8/24/2018 09:18	
2-Fluorobiphenyl (S)	44		%	1	37-127		8/24/2018 09:18	
p-Terphenyl-d14 (S)	57		%	1	42-141		8/24/2018 09:18	

VOLATILES

Analysis Desc: 8260B Analysis, Soil

Preparation Method: SW-846 5035

Analytical Method: SW-846 8260B

Benzene	0.0012	U	mg/Kg	1	0.0065	0.0012	8/21/2018 20:10	T
Ethylbenzene	0.00071	U	mg/Kg	1	0.0065	0.00071	8/21/2018 20:10	T
Methyl tert-butyl Ether (MTBE)	0.0022	U	mg/Kg	1	0.0065	0.0022	8/21/2018 20:10	T
Toluene	0.00089	U	mg/Kg	1	0.0065	0.00089	8/21/2018 20:10	T
Xylene (Total)	0.0010	U	mg/Kg	1	0.013	0.0010	8/21/2018 20:10	T
1,2-Dichloroethane-d4 (S)	98		%	1	69-134		8/21/2018 20:10	

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ANALYTICAL RESULTS

Workorder: G1807419 SARASOTA LANDFILL

Lab ID: **G1807419003**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **EAST EW**

Date Collected: 08/17/18 13:50

Results for sample G1807419003 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Toluene-d8 (S)	100		%	1	72-122		8/21/2018 20:10	
Bromofluorobenzene (S)	110		%	1	79-126		8/21/2018 20:10	

VOLATILES

Analysis Desc: Percent
Solids, SM2540G, Soil

Analytical Method: SM 2540G

Percent Moisture	15		%	1	0.0010	0.0010	8/23/2018 14:50	T
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Lab ID: **G1807419004**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **WEST WW**

Date Collected: 08/17/18 13:40

Results for sample G1807419004 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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SEMIVOLATILES

Analysis Desc: FL-PRO Analysis, Soil

Preparation Method: FL-PRO

Analytical Method: FL-PRO

TPH	29		mg/Kg	1	16	8.3	8/23/2018 14:24	T
o-Terphenyl (S)	95		%	1	62-109		8/23/2018 14:24	
Nonatricontane-C39 (S)	106		%	1	60-118		8/23/2018 14:24	

Analysis Desc: 8270C-SIM Analysis,
Soil

Preparation Method: SW-846 3550B

Analytical Method: SW-846 8270C (SIM)

1-Methylnaphthalene	0.0021	U	mg/Kg	1	0.0092	0.0021	8/23/2018 13:29	T
2-Methylnaphthalene	0.0026	U	mg/Kg	1	0.0092	0.0026	8/23/2018 13:29	T
Acenaphthene	0.0024	U	mg/Kg	1	0.0092	0.0024	8/23/2018 13:29	T
Acenaphthylene	0.0027	U	mg/Kg	1	0.0092	0.0027	8/23/2018 13:29	T
Anthracene	0.0025	U	mg/Kg	1	0.0092	0.0025	8/23/2018 13:29	T
Benzo[a]anthracene	0.0041	U	mg/Kg	1	0.0092	0.0041	8/23/2018 13:29	T
Benzo[a]pyrene	0.0023	U	mg/Kg	1	0.0092	0.0023	8/23/2018 13:29	T
Benzo[b]fluoranthene	0.0028	U	mg/Kg	1	0.0092	0.0028	8/23/2018 13:29	T
Benzo[g,h,i]perylene	0.0025	U	mg/Kg	1	0.0092	0.0025	8/23/2018 13:29	T
Benzo[k]fluoranthene	0.0030	U	mg/Kg	1	0.0092	0.0030	8/23/2018 13:29	T
Chrysene	0.0040	U	mg/Kg	1	0.0092	0.0040	8/23/2018 13:29	T
Dibenzo[a,h]anthracene	0.0032	U	mg/Kg	1	0.0092	0.0032	8/23/2018 13:29	T
Fluoranthene	0.0034	U	mg/Kg	1	0.0092	0.0034	8/23/2018 13:29	T

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ANALYTICAL RESULTS

Workorder: G1807419 SARASOTA LANDFILL

Lab ID: **G1807419004**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **WEST WW**

Date Collected: 08/17/18 13:40

Results for sample G1807419004 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Fluorene	0.0026	U	mg/Kg	1	0.0092	0.0026	8/23/2018 13:29	T
Indeno(1,2,3-cd)pyrene	0.0029	U	mg/Kg	1	0.0092	0.0029	8/23/2018 13:29	T
Naphthalene	0.0026	U	mg/Kg	1	0.0092	0.0026	8/23/2018 13:29	T
Phenanthrene	0.0028	U	mg/Kg	1	0.0092	0.0028	8/23/2018 13:29	T
Pyrene	0.0039	U	mg/Kg	1	0.0092	0.0039	8/23/2018 13:29	T
Nitrobenzene-d5 (S)	70		%	1	33-134		8/23/2018 13:29	
2-Fluorobiphenyl (S)	66		%	1	37-127		8/23/2018 13:29	
p-Terphenyl-d14 (S)	71		%	1	42-141		8/23/2018 13:29	

VOLATILES

Analysis Desc: 8260B Analysis, Soil

Preparation Method: SW-846 5035

Analytical Method: SW-846 8260B

Benzene	0.00057	U	mg/Kg	1	0.0030	0.00057	8/21/2018 20:39	T
Ethylbenzene	0.00033	U	mg/Kg	1	0.0030	0.00033	8/21/2018 20:39	T
Methyl tert-butyl Ether (MTBE)	0.0010	U	mg/Kg	1	0.0030	0.0010	8/21/2018 20:39	T
Toluene	0.00041	U	mg/Kg	1	0.0030	0.00041	8/21/2018 20:39	T
Xylene (Total)	0.00047	U	mg/Kg	1	0.0060	0.00047	8/21/2018 20:39	T
1,2-Dichloroethane-d4 (S)	92		%	1	69-134		8/21/2018 20:39	
Toluene-d8 (S)	103		%	1	72-122		8/21/2018 20:39	
Bromofluorobenzene (S)	114		%	1	79-126		8/21/2018 20:39	

VOLATILES

Analysis Desc: Percent
Solids, SM2540G, Soil

Analytical Method: SM 2540G

Percent Moisture	13		%	1	0.0010	0.0010	8/23/2018 14:50	T
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Lab ID: **G1807419005**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **FLOOR**

Date Collected: 08/17/18 13:55

Results for sample G1807419005 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES								
Analysis Desc: FL-PRO Analysis, Soil								
Preparation Method: FL-PRO								
Analytical Method: FL-PRO								
TPH	250		mg/Kg	1	16	8.3	8/23/2018 15:47	T

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ANALYTICAL RESULTS

Workorder: G1807419 SARASOTA LANDFILL

Lab ID: **G1807419005**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **FLOOR**

Date Collected: 08/17/18 13:55

Results for sample G1807419005 are reported on a dry weight basis.

Sample Description:

Location:

(NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
o-Terphenyl (S)	83		%	1	62-109		8/23/2018 15:47	
Nonatricontane-C39 (S)	94		%	1	60-118		8/23/2018 15:47	
Analysis Desc: 8270C-SIM Analysis, Soil		Preparation Method: SW-846 3550B						
		Analytical Method: SW-846 8270C (SIM)						
1-Methylnaphthalene	0.0044	I	mg/Kg	1	0.0092	0.0021	8/23/2018 13:55	T
2-Methylnaphthalene	0.0044	I	mg/Kg	1	0.0092	0.0026	8/23/2018 13:55	T
Acenaphthene	0.0075	I	mg/Kg	1	0.0092	0.0024	8/23/2018 13:55	T
Acenaphthylene	0.0027	U	mg/Kg	1	0.0092	0.0027	8/23/2018 13:55	T
Anthracene	0.0063	I	mg/Kg	1	0.0092	0.0025	8/23/2018 13:55	T
Benzo[a]anthracene	0.0041	U	mg/Kg	1	0.0092	0.0041	8/23/2018 13:55	T
Benzo[a]pyrene	0.0023	U	mg/Kg	1	0.0092	0.0023	8/23/2018 13:55	T
Benzo[b]fluoranthene	0.0028	U	mg/Kg	1	0.0092	0.0028	8/23/2018 13:55	T
Benzo[g,h,i]perylene	0.0025	U	mg/Kg	1	0.0092	0.0025	8/23/2018 13:55	T
Benzo[k]fluoranthene	0.0030	U	mg/Kg	1	0.0092	0.0030	8/23/2018 13:55	T
Chrysene	0.0040	U	mg/Kg	1	0.0092	0.0040	8/23/2018 13:55	T
Dibenzo[a,h]anthracene	0.0032	U	mg/Kg	1	0.0092	0.0032	8/23/2018 13:55	T
Fluoranthene	0.0034	U	mg/Kg	1	0.0092	0.0034	8/23/2018 13:55	T
Fluorene	0.020		mg/Kg	1	0.0092	0.0026	8/23/2018 13:55	T
Indeno(1,2,3-cd)pyrene	0.0030	U	mg/Kg	1	0.0092	0.0030	8/23/2018 13:55	T
Naphthalene	0.0026	U	mg/Kg	1	0.0092	0.0026	8/23/2018 13:55	T
Phenanthrene	0.012		mg/Kg	1	0.0092	0.0028	8/23/2018 13:55	T
Pyrene	0.021		mg/Kg	1	0.0092	0.0039	8/23/2018 13:55	T
Nitrobenzene-d5 (S)	58		%	1	33-134		8/23/2018 13:55	
2-Fluorobiphenyl (S)	53		%	1	37-127		8/23/2018 13:55	
p-Terphenyl-d14 (S)	62		%	1	42-141		8/23/2018 13:55	

VOLATILES

Analysis Desc: 8260B Analysis, Soil

Preparation Method: SW-846 5035

Analytical Method: SW-846 8260B

Benzene	0.00068	U	mg/Kg	1	0.0036	0.00068	8/21/2018 21:07	T
Ethylbenzene	0.00039	U	mg/Kg	1	0.0036	0.00039	8/21/2018 21:07	T
Methyl tert-butyl Ether (MTBE)	0.0012	U	mg/Kg	1	0.0036	0.0012	8/21/2018 21:07	T
Toluene	0.00049	U	mg/Kg	1	0.0036	0.00049	8/21/2018 21:07	T
Xylene (Total)	0.00056	U	mg/Kg	1	0.0071	0.00056	8/21/2018 21:07	T
1,2-Dichloroethane-d4 (S)	95		%	1	69-134		8/21/2018 21:07	
Toluene-d8 (S)	101		%	1	72-122		8/21/2018 21:07	
Bromofluorobenzene (S)	110		%	1	79-126		8/21/2018 21:07	

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ANALYTICAL RESULTS

Workorder: G1807419 SARASOTA LANDFILL

Lab ID: **G1807419005**

Date Received: 08/20/18 16:50 Matrix: Soil

Sample ID: **FLOOR**

Date Collected: 08/17/18 13:55

Results for sample G1807419005 are reported on a dry weight basis.

Sample Description:

Location: (NO LABEL)

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
VOLATILES								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	15		%	1	0.0010	0.0010	8/23/2018 14:50	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: G1807419 SARASOTA LANDFILL

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)

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QUALITY CONTROL DATA

Workorder: G1807419 SARASOTA LANDFILL

QC Batch: MSVt/2354 Analysis Method: SW-846 8260B
QC Batch Method: SW-846 5035 Prepared: 08/21/2018 13:30
Associated Lab Samples: G1807419001, G1807419002, G1807419003, G1807419004, G1807419005

METHOD BLANK: 2816181

Parameter	Units	Blank Result	Reporting Limit Qualifiers
VOLATILES			
Methyl tert-butyl Ether (MTBE)	mg/Kg	0.0010	0.0010 U
Benzene	mg/Kg	0.00057	0.00057 U
Toluene	mg/Kg	0.00041	0.00041 U
Ethylbenzene	mg/Kg	0.00033	0.00033 U
Xylene (Total)	mg/Kg	0.00047	0.00047 U
1,2-Dichloroethane-d4 (S)	%	92	69-134
Toluene-d8 (S)	%	101	72-122
Bromofluorobenzene (S)	%	108	79-126

QC Batch: EXTt/1729 Analysis Method: SW-846 8270C (SIM)
QC Batch Method: SW-846 3550B Prepared: 08/23/2018 07:00
Associated Lab Samples: G1807419001, G1807419002, G1807419003, G1807419004, G1807419005

METHOD BLANK: 2816204

Parameter	Units	Blank Result	Reporting Limit Qualifiers
SEMIVOLATILES			
Naphthalene	mg/Kg	0.0023	0.0023 U
2-Methylnaphthalene	mg/Kg	0.0023	0.0023 U
1-Methylnaphthalene	mg/Kg	0.0018	0.0018 U
Acenaphthylene	mg/Kg	0.0024	0.0024 U
Acenaphthene	mg/Kg	0.0021	0.0021 U
Fluorene	mg/Kg	0.0023	0.0023 U
Phenanthrene	mg/Kg	0.0025	0.0025 U
Anthracene	mg/Kg	0.0022	0.0022 U
Fluoranthene	mg/Kg	0.0029	0.0029 U
Pyrene	mg/Kg	0.0034	0.0034 U
Benzo[a]anthracene	mg/Kg	0.0036	0.0036 U
Chrysene	mg/Kg	0.0035	0.0035 U
Benzo[b]fluoranthene	mg/Kg	0.0024	0.0024 U
Benzo[k]fluoranthene	mg/Kg	0.0026	0.0026 U
Benzo[a]pyrene	mg/Kg	0.0020	0.0020 U
Indeno(1,2,3-cd)pyrene	mg/Kg	0.0026	0.0026 U
Dibenzo[a,h]anthracene	mg/Kg	0.0028	0.0028 U
Benzo[g,h,i]perylene	mg/Kg	0.0022	0.0022 U

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QUALITY CONTROL DATA

Workorder: G1807419 SARASOTA LANDFILL

METHOD BLANK: 2816204

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Nitrobenzene-d5 (S)	%	75	33-134
2-Fluorobiphenyl (S)	%	79	37-127
p-Terphenyl-d14 (S)	%	88	42-141

QC Batch: EXT1/1730

Analysis Method: FL-PRO

QC Batch Method: FL-PRO

Prepared: 08/23/2018 07:00

Associated Lab Samples: G1807419001, G1807419002, G1807419003, G1807419004, G1807419005

METHOD BLANK: 2816226

Parameter	Units	Blank Result	Reporting Limit Qualifiers
SEMIVOLATILES			
TPH	mg/Kg	7.2	7.2 U
o-Terphenyl (S)	%	89	62-109
Nonatricontane-C39 (S)	%	102	60-118

QUALITY CONTROL DATA QUALIFIERS

Workorder: G1807419 SARASOTA LANDFILL

QUALITY CONTROL PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J4 Estimated Result

CERTIFICATE OF ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: G1807419 SARASOTA LANDFILL

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
G1807419001	NORTH NW	SW-846 5035	MSVt/2354	SW-846 8260B	MSVt/2355
G1807419002	SOUTH MW	SW-846 5035	MSVt/2354	SW-846 8260B	MSVt/2355
G1807419003	EAST EW	SW-846 5035	MSVt/2354	SW-846 8260B	MSVt/2355
G1807419004	WEST WW	SW-846 5035	MSVt/2354	SW-846 8260B	MSVt/2355
G1807419005	FLOOR	SW-846 5035	MSVt/2354	SW-846 8260B	MSVt/2355
G1807419001	NORTH NW	SW-846 3550B	EXTt/1729	SW-846 8270C (SIM)	MSSt/1415
G1807419002	SOUTH MW	SW-846 3550B	EXTt/1729	SW-846 8270C (SIM)	MSSt/1415
G1807419003	EAST EW	SW-846 3550B	EXTt/1729	SW-846 8270C (SIM)	MSSt/1415
G1807419004	WEST WW	SW-846 3550B	EXTt/1729	SW-846 8270C (SIM)	MSSt/1415
G1807419005	FLOOR	SW-846 3550B	EXTt/1729	SW-846 8270C (SIM)	MSSt/1415
G1807419001	NORTH NW	FL-PRO	EXTt/1730	FL-PRO	GCS/1456
G1807419002	SOUTH MW	FL-PRO	EXTt/1730	FL-PRO	GCS/1456
G1807419003	EAST EW	FL-PRO	EXTt/1730	FL-PRO	GCS/1456
G1807419004	WEST WW	FL-PRO	EXTt/1730	FL-PRO	GCS/1456
G1807419005	FLOOR	FL-PRO	EXTt/1730	FL-PRO	GCS/1456
G1807419001	NORTH NW			SM 2540G	WCA/5628
G1807419002	SOUTH MW			SM 2540G	WCA/5628
G1807419003	EAST EW			SM 2540G	WCA/5628
G1807419004	WEST WW			SM 2540G	WCA/5628
G1807419005	FLOOR			SM 2540G	WCA/5628

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G1807419

[illegible]

ATTACHMENT C

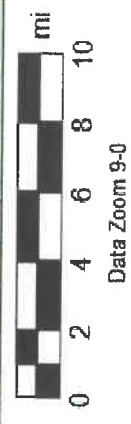
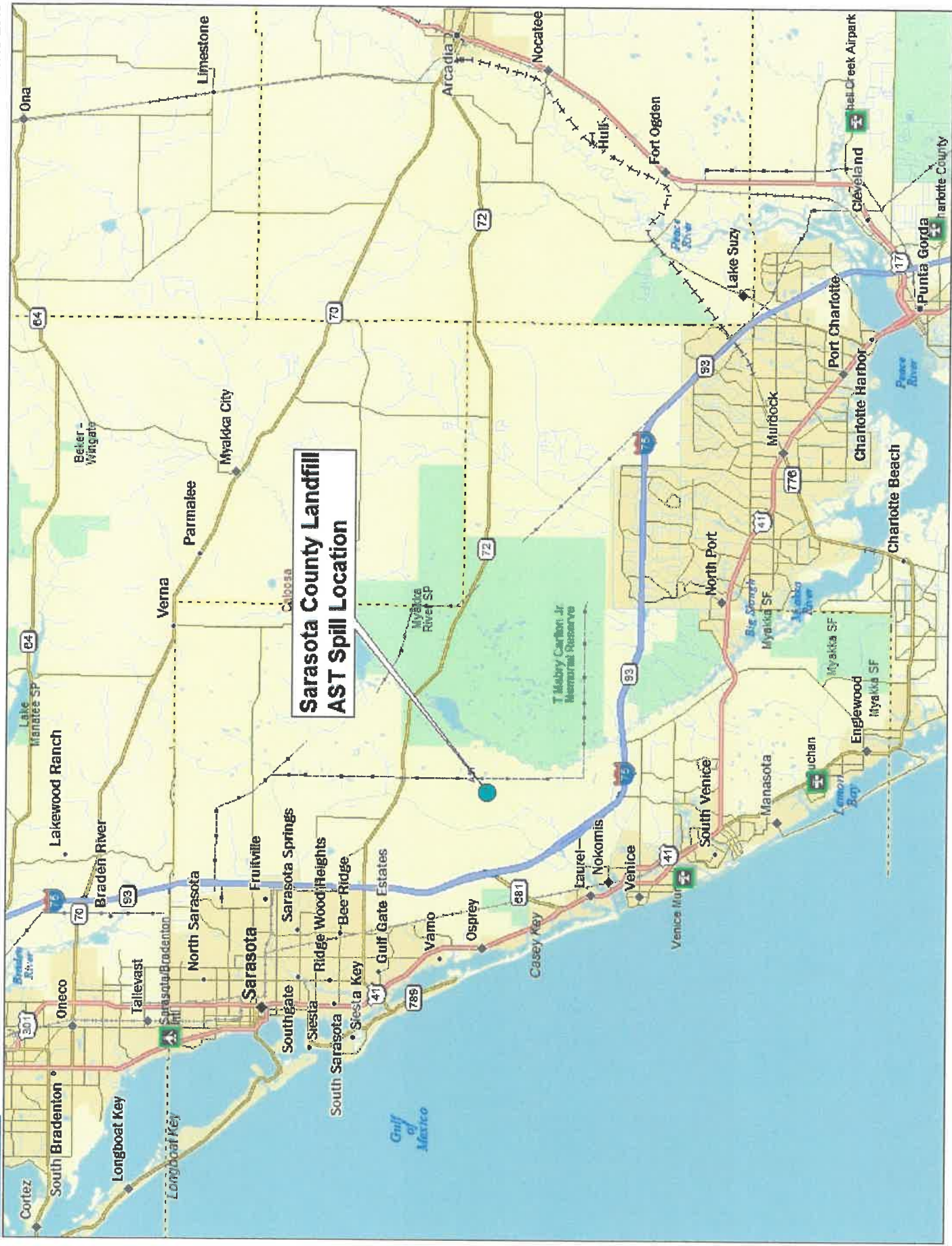
SCALED SITE MAPS
of
SITE AND GEOGRAPHICAL AREA



**Sarasota County Landfill
AST Spill Location**



North Arrow
MN (5.7° W)



Fuel Pavillion

C-4 West Wall
08/17/18 @ 1:40 PM



C-2 South Wall
08/17/18 @ 1:35 PM

C-1 North Wall
08/17/18 @ 1:45 PM

Lat: 27.194958°

Long: -82.384401°

Excavation Area

C-3 East Wall
08/17/18 @ 1:50 PM

C-5 Floor
08/17/18 @ 1:55 PM



Repeat OVA Soil Sample



OVA Soil Sample



Confirmatory Soil Sample



Sarasota County Landfill ~ Diesel Fuel Spill

Diesel Fuel Spill from Overfill of AST at
Advanced Disposal Maintenance Yard at Sarasota
Landfill at 4000 Knights Trail Road
Nokomis, Sarasota County, FL 34275
Spill Occurred on July 5, 2018.



ATTACHMENT D

OVA ANALYTICAL RESULTS
with
SOIL ANALYTICAL SUMMARY TABLE



Total Organic Vapor Analyzer Readings

Page 1 of 1

Generator:	Team Logistics Co. LLC
Location (Nearest City, County, State):	Nokomis, Sarasota County, FL
Discharge Date:	July 5, 2018
Sample Date:	August 17, 2018

Sample Number	Time	Depth Below Land Surface (Feet)	Unfiltered (PPM)	Filtered (PPM)	Total PPM
SS-1	10:00	0.7	0.0	NA	0.0
SS-2	10:00	0.6	0.0	NA	0.0
SS-3	10:00	0.6	1.2	NA	1.2
SS-4	10:00	0.6	2.5	NA	2.5
SS-5	10:05	0.6	21.7	NA	21.7
SS-6	10:05	1.5	11.5	NA	11.5
SS-7	10:05	2.0	254.0	NA	254.0
SS-8	11:30	2.0	0.0	NA	0.0
SS-9	11:30	2.0	4.0	NA	4.0
SS-10	11:30	2.0	3.6	NA	3.6
SS-11	11:30	2.0	3.9	NA	3.9
SS-12	11:30	2.0	4.0	NA	4.0
SS-13	11:45	2.0	4.3	NA	4.3
SS-14	11:45	2.0	2.8	NA	2.8
SS-15	11:45	2.0	4.4	NA	4.4
SS-16	11:50	3.5	0.5	NA	0.5

CONFIRMATORY SOIL SAMPLES

Sample Number	Sample Time	Depth Below Land Surface (Feet)	Concentration (mg/kg)	Chemical	SCTL (mg/kg)
North Wall	13:45	2.0	10	TRPH	340
South Wall	13:35	2.0	34	TRPH	340
East Wall	13:50	2.0	480	TRPH	340
	13:50	2.0	0.0076	anthracene	0.4
	13:50	2.0	0.017	fluorene	17
	13:50	2.0	0.0038	phenanthrene	250
	13:50	2.0	0.033	pyrene	1.3
West Wall	13:40	2.0	29	TRPH	340
Floor	13:55	2.5	250	TRPH	340
	13:55	2.5	0.0044	1-methylnaphthalene	3.1
	13:55	2.5	0.044	2-methylnaphthalene	8.5
	13:55	2.5	0.0075	acenaphthene	27
	13:55	2.5	0.0063	anthracene	0.4
	13:55	2.5	0.02	fluorene	17
	13:55	2.5	0.012	naphthalene	1.2
	13:55	2.5	0.021	phenanthrene	1.3

AOTC, 2018

Note: SS - Soil Sample; NA - Not Analyzed; PPM - Parts per Million, or mg/kg
 TRPH - Total Recoverable Petroleum Hydrocarbons
 SCTL - Soil Cleanup Target Levels; BDL - Below Detection Limits

ATTACHMENT E
OVA CALIBRATION LOG

INSTRUMENT (MAKE/MODEL#) RAE Systems Mini-Rae 2000 **INSTRUMENT #** 110-014881

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL Cl ☐ DO ☒ OTHER OVA-PID

Standard A Isobutylene, 100 ppm

Standard B _____

Standard C _____

(mm/dd/yy)	(mm/yy)
05-17-18	0930
05-17-18	1430

ATTACHMENT F
DISCHARGE REPORT FORM



Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

DISCHARGE REPORT FORM

DEP Form: 62-761.900(1)

Form Title: Discharge Report Form

Effective Date: January 2017

Incorporated in Rule 62-761.405, F.A.C.

Complete all applicable blanks, and submit copies of any analytical or field test results confirming contamination to soils, surface water, or groundwater to the County via email or mail.

Facility ID Number (If Registered): 9700832 Date of Form Completion: 07/06/2018 Date of Discovery: 07/05/2018
Facility Name: Sarasota County Central Solid Waste County: Sarasota
Facility (Property) Owner: Sarasota County Government Telephone Number: 9418611589
Owner Mailing Address: 1660 Ringling Boulevard, Attn. Stefan Genser, Sarasota, FL 34236
Location of Discharge (Facility Street Address): 4020 Knights Trail Road, Nokomis, FL 34275 Lat/Long: 27.1934/-82.3852 Approx
Date of receipt of any test or analytical results confirming a discharge: Pending Estimated number of gallons discharged: 30-40 gallons

Discharge affected: (Check all that apply)

☒ Soil ☐ Groundwater ☐ Soil water (water body name) _____
☐ Drinking water well(s) ☐ Shoreline ☐ Other (specify) _____

Evidence of discharge: (Check all that apply)

☐ Visual observation of sheen ☐ Results or receipt of results of analytical tests ☐ Stained soils
☐ Visual observation of free product ☒ Spill or vehicle overfill > 25 gallons to a pervious surface ☐ Other (explain in comments)

Method of discovery and confirmation of discharge: (Check all that apply, see rule language explanation on instructions for this form)

☒ Visual observation ☐ Closure/Closure sampling assessment ☐ Surface water analytical results
☐ Groundwater analytical results ☐ Soil analytical results ☐ Other (specify) _____

Type of regulated substance discharged: (Check all that apply)

☐ Gasoline ☐ Jet fuel ☐ Mineral acids (ASTs)
☒ Diesel ☐ Used/waste oil ☐ Ammonia compound ☐ Chlorine compound
☐ Heating oil ☐ New motor/lube oil ☐ Biofuel blends
☐ Kerosene ☐ Pesticide ☐ Unknown
☐ Aviation gas ☐ Grade 5 & 6 residual oils ☐ Other (specify) _____
☐ Hazardous substance (USTs) – write name or Chemical Abstract Service (CAS) #: _____

Discharge originated from a: (Check all that apply)

☐ Tank ☐ Other secondary containment ☐ Railroad tankcar
☐ Piping ☐ Fitting or pipe connection ☐ Barge, tanker ship or other vessel
☐ Spill bucket ☐ Valve ☐ Pipeline
☐ Dispenser ☒ Tank truck ☐ Drum
☐ Piping sump ☐ Vehicle or customer vehicle ☐ Unknown
☐ Dispenser sump ☐ Aircraft ☐ Other (specify) _____

Cause of the discharge: (Check all that apply)

☐ Spill ☐ Material failure (crack, split, etc.) ☐ Collision ☐ Weather
☒ Overfill ☐ Material incompatibility ☐ Vehicle accident ☐ Human error
☐ Corrosion ☐ Improper installation ☐ Fire/explosion ☐ Unknown
☐ Puncture ☐ Loose connection ☐ Vandalism ☐ Other (specify) _____

Actions taken in response to the discharge:

The spill was contained to the overfill area and the surrounding ground. No waterways were impacted. Team Logistics is handling the cleanup and hired Hepaco to respond. Team Logistics representative is Eric Fontana - (678)-776-7284. Hepaco was onsite at approximately 1730 and immediately began to cleanup the spill. They hand-dug the area of soil that was impacted and placed the soil into 6-55 gallon drums. The area was covered with visqueen.

Comments:

(cont from above) The area was covered with visqueen. Hepaco cleaned the tank, and concrete containment areas, capturing all the water and then pumped the contact water into a tanker truck for a total of 750 gallons. The County and Team Logistics is waiting for further direction on remedial actions from State Emergency Response District Office. 7/6/2018 - Per Patricia Goense with South District need to confirm margins at 1' vertical & horication with OVA, submit DRP and Emergency Source Removal Form to FDEP.

Agencies notified (as applicable):

☐ Fire Department ☒ County Program John Hickey ☒ District Office South - email ☒ State Watch Office 800-320-0519 ☐ National Response Center 800-424-8802

To the best of my knowledge and belief, all information submitted on this form is true, accurate and complete.

Lois Rose

Printed Name of Owner, Operator or Authorized Representative

Signature of Owner, Operator or Authorized Representative

ATTACHMENT G
PHOTOGRAPHS



AST and Fuel Pavilion



AST Spill Area



Previous Initial Response at Spill Location



Pre-excavation Conditions at Spill



Preexcitation Conditions at Spill



Dewatering Spill Area



Uncovered Pre-excavation Spill Area



OVA/Sampling Station



OVA Calibration



OVA Sample Collection



OVA Sample Testing



Excavation of Impacted Soil



Excavation of Impacted Soil



Excavation of Impacted Soil



Excavation of Impacted Soil



Final Excavation



Collecting Confirmation Samples



Backfilling Excavation



Backfilling Excavation



Compacting Backfill



Seeding and Hay



Finished Site with Seed and Hay



Finished Site with Seed and Hay