Evaluation Monitoring Preliminary Sample Results

Hillsborough County Public Utilities Department
Solid Waste Management Division
332 N. Falkenburg Road
Tampa, FL 33619
813-272-5680

SCS ENGINEERS

09215600.12 | April 2021

3922 Coconut Palm Drive
Suite 102
Tampa, FL 33610
813-261-0080

Table of Contents

Section Page

Tables

Appendices

Florida Department of Environmental Protection

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

DEP Form #: 62-701.900(31), F.A.C
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Southeast County Landfill

Address 15960 County Road 672

City Lithia Zip 33503 County Hillsborough

Telephone Number (813) 671-7674

(2) WACS Facility ID 41193

(3) DEP Permit Number 35435-026-SO-MM

(4) Authorized Representative's Name James P. Oliveros, P.G. - FL # 1173 Title Project Director

Address 3922 Coconut Palm Drive, Suite 102

City Tampa Zip 33610 County Hillsborough

Telephone Number (813) 404-9281

Email address (if available) JOliveros@SCSEngineers.com

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

JAMES P. OLIVEROS LICENSE NO. 1173 STATE OF FLORIDA PROFESSIONAL GEOLOGIST

04/27/2021
(Date)

James P. Oliveros
(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Hillsborough County Public Utilities Dept.

Analytical Lab NELAC / HRS Certification # #E82574 and E84589

Lab Name Advanced Environmental Laboratories

Address 9610 Princess Palm Avenue, Tampa, FL 33619

Phone Number (813) 630-9616

Email address (if available)

1 BACKGROUND

SCS Engineers (SCS) has prepared the Hillsborough County Southeast County Landfill (SCLF) Evaluation Monitoring preliminary groundwater sampling event summary on behalf of the Hillsborough County Public Utilities Department (County) in accordance with Rule 62-701.510 Florida Administrative Code (F.A.C.) and the Evaluation Monitoring Notification Letter dated November 20, 2020. As required by the Florida Department of Environmental Protection (FDEP) November 20, 2020 Evaluation Monitoring Notification Letter, representative samples were collected on January 8, 2021 from three (3) surficial aquifer monitoring wells: TH-22A (background), TH-83 (detection), and TH-84 (compliance). Parameter analysis was completed by the County's contracted laboratory, Advanced Environmental Laboratories, Inc. (AEL). An updated site map of each monitoring well location and groundwater elevations is included as **Figure 1**. Groundwater elevations for each location are summarized in **Table 1** and groundwater analytical data for the January 2021 event is included as **Table 2**.

In addition to the initial water quality monitoring event conducted in January 2021, an Evaluation Monitoring Plan for water quality east and south of the Phase II area of the landfill is currently being prepared and shall be submitted in accordance with the FDEP letter dated November 20, 2020. A brief summary of the January 2021 water quality data is presented below.

2 ANALYTICAL RESULTS

GROUNDWATER ELEVATIONS

Groundwater elevations were collected on January 8, 2021 by Hillsborough County staff prior to purging and sampling, in accordance with 62-701.510. Groundwater elevation results are provided below, in **Table 1**, and depicted on **Figure 1**.

Table 1. Groundwater Elevations January 8, 2021

Groundwater Well ID	TOC Elevation (NGVD)	W.L. B.T.O.C.	W.L. (NGVD)	Time
TH-22A	129.27	4.36	124.91	10:02
TH-83	130.23	9.13	121.10	10:55
TH-84	134.92	13.93	120.99	14:32

ANALYTICAL RESULTS

County staff collected groundwater samples from TH-22A, TH-83, and TH-84 on January 8, 2021. AEL analyzed the samples for water quality parameters listed in 62-701.510(7)(a) and 62-701.510(7)(b). Each exceedance of primary and secondary drinking water standards maximum contaminant levels (MCLs), and groundwater cleanup target levels (GCTLs) are discussed below. A summary of detected parameters is provided as **Table 2**. Additionally, the AEL laboratory analytical report is provided as **Appendix 1**, and the electronic ADaPT files have been submitted as a separate file.

pH

Each of the surficial aquifer detection, compliance, and background water quality monitoring wells continue to exhibit pH values below the Secondary MCL range of 6.5 to 8.5 standard pH units, with the lowest pH value measured at 4.45 in background well TH-22A. The surficial aquifer pH has historically been below the acceptable range, which is common in Florida where limestone is not found close to the surface. Background water quality recorded prior to construction and operation of the landfill established pH below the acceptable range. The recent data remains consistent with the historical data set, including the 1983 Ardaman and Associates Hydrogeological Investigation.

Iron

Iron was detected at concentrations above the Secondary MCL of 0.3 mg/L in compliance well TH-84 (0.53 mg/L). Historically, groundwater at most of the surficial aquifer detection and background water quality monitoring wells across the site exceeds the iron Secondary MCL. Site-wide values for iron are consistent with historical groundwater data dating to the 1983 Ardaman and Associates Hydrogeological Report, and iron was documented to be present throughout site groundwater prior to landfill construction and operation; therefore, the County maintains the position elevated iron within the surficial aquifer is naturally occurring.

Vanadium

The vanadium screening level GCTL of 49 µg/L was exceeded in the sample from detection well TH-83 (180 µg/L). Based on low vanadium concentrations during previous monitoring events, this result appears to be an anomaly. Furthermore, based on the low concentrations of typical leachate indicator parameters in these wells, the presence of vanadium in the groundwater does not appear to be related to a landfill activities and is likely related to natural causes, such as the dissolution of naturally-occurring vanadium from soil.

Tetrachloroethene

Tetrachloroethene (PCE) was detected in the compliance well TH-84 groundwater sample at a concentration of 1.9 µg/L, below Primary MCL of 3 µg/L. Although the detection of PCE in groundwater is inconsistent with historical groundwater data at the site, and was not detected in other samples collected during the preliminary sampling event, the County will continue to evaluate groundwater samples for the presence of PCE.

3 CONCLUSIONS

Water quality at TH-22A, TH-83, and TH-84 remains consistent with the historical data set with the exception of the detection of PCE in the TH-84 groundwater sample. The surficial aquifer wells continue to exhibit pH and iron outside of Secondary MCLs. Background water quality recorded prior to landfill construction and operation established the pH and iron outside of the acceptable range within the surficial aquifer.

We will provide a more detailed evaluation of site conditions in the Contamination Evaluation Report which is currently being prepared.

Table 2. Southeast County Landfill (WACS 41193) Summary of Detected Parameters

Parameter	Standard	MCL	Units	TH-22A	TH-83	TH-84
Field Parameters						
Conductivity	NS		umhos/cm	172.8	483.8	297.6
Dissolved Oxygen	NS		mg/L	0.58	3.23	1.43
ORP	NS		mV	60.1	85.6	88.9
pH	SDWS	6.5-8.5	SU	4.45	6.35	5.86
Temperature, Water	NS		Deg C	21.7	23	25
Turbidity	NS		NTU	1.16	2.13	12.7
Metals						
Antimony	PDWS	6	ug/L	1 U	1.7 I	1 U
Arsenic	PDWS	10	ug/L	0.25 U	0.74 I	0.57 I
Barium	PDWS	2000	ug/L	28	3.1	4.5
Chromium	PDWS	100	ug/L	0.6 I	0.66 I	2
Cobalt	GCTL	140	ug/L	0.25 U	0.92 I	0.25 U
Copper	SDWS	1000	ug/L	1 U	2.7 I	1.7 I
Iron	SDWS	300	ug/L	140	6.7 U	530
Nickel	PDWS	100	ug/L	1.2 U	6.2	1.4 I
Selenium	PDWS	50	ug/L	1.2 U	2.4 I	16
Sodium	PDWS	160	mg/L	2.2	55	7.6
Thallium	PDWS	2	ug/L	0.25 U	0.49 I	0.25 U
Vanadium	GCTL	49	ug/L	1.4 I	180	15
Volatile Organic Compounds						
Tetrachloroethene	PDWS	3	ug/L	0.25 U	0.25 U	1.9
General Chemistry						
Ammonia (N)	NS		mg/L	0.27	1.4	0.37
Chloride	SDWS	250	mg/L	8.7 I	67	18
Nitrate (N)	PDWS	10	mg/L	0.092 U	0.12	0.56
Residues- Filterable (TDS)	SDWS	500	mg/L	100	270	180
Sulfate	SDWS	250	mg/L	48	5.5 I	---
Sulfide	NS		mg/L	0.6	0.019 I	---

1. PDWS = Primary Drinking Water Standard (62-550 F.A.C.)
2. SDWS = Secondary Drinking Water Standard (62-550 F.A.C.)
3. GCTL = Groundwater Cleanup Target Level (62-777 F.A.C.)
4. NS = No numeric standard has been set for this analyte.
5. mg/L = milligrams per liter
6. ug/L= micrograms per liter
7. mV = millivolts
8. SU = standard units
9. Degrees C = degrees Celsius
10. NTU = nephelometric turbidity units
11. umhos/cm = micromhos per centimeter
12. Yellow shaded values indicate parameter concentrations exceeded GCTL screening levels, Primary MCL, or Secondary MCL.
13. U = Analyte concentration was below the laboratory detection limit (value shown).
14. I = Analyte concentration was between the laboratory detection limit and laboratory practical quantitation limit.
15. J = Analyte concentration is an estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
16. V = Analyte was detected in the sample and an associated method blank.
17. Q = Sample held beyond the accepted holding time.
18. --- = Parameter not sampled for

Figure 1

January 8, 2021 Groundwater Elevations

Pump Station 2

TH-66A

TH-66

TH-38A

TH-38B

TH-79

TH-80

TH-82

TH-67

TH-81

Mine Cut 1

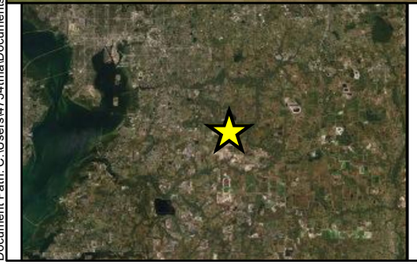
TH-83
121.10

TH-84
120.99

TH-20B

TH-20A

TH-22A
124.91



Legend

- SCLF Boundary
- Monitoring Well (Not Sampled)
- Background Well
- Compliance Well
- Detection Well

Hillsborough County Florida

FIGURE 1 SURFICIAL AQUIFER GROUNDWATER ELEVATION MAP

HILLSBOROUGH COUNTY FLORIDA

SOUTHEAST COUNTY LANDFILL SITE MAP

SCS ENGINEERS

Tampa, FL | April 2021

0 100 200 Feet

N

Document Path: C:\Users\4754tma\Documents\SCLF GW ELEV MAP.mxd

Appendix A

Laboratory Analytical Report

Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

January 28, 2021

Michael Townsel
Hillsborough Co Public Utilites
332 North Falkenburg Rd
Tampa, FL 33619

RE: Workorder: T2100534 SELF Sup. Site Assessment

Dear Michael Townsel:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, January 08, 2021. 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,

Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

SAMPLE SUMMARY

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T2100534001	TH-22A	Water	1/8/2021 10:22	1/8/2021 15:57
T2100534002	TH-83	Water	1/8/2021 11:11	1/8/2021 15:57
T2100534003	TH-84	Water	1/8/2021 14:43	1/8/2021 15:57
T2100534004	Field Blank	Water	1/8/2021 10:02	1/8/2021 15:57
T2100534005	Duplicate	Water	1/8/2021 00:00	1/8/2021 15:57
T2100534006	Equipment Blank	Water	1/8/2021 14:25	1/8/2021 15:57

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534001** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-22A** Date Collected: 01/08/21 10:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements	Analytical Method: Field Measurements							
Conductivity	**172.8**		**umhos/cm**	**1**			1/8/2021 10:22	
Dissolved Oxygen	**0.58**		**mg/L**	**1**			1/8/2021 10:22	
ORP-2580BW	**60.1**		**mV**	**1**			1/8/2021 10:22	
Temperature	**21.7**		**°C**	**1**			1/8/2021 10:22	
Turbidity	**1.16**		**NTU**	**1**			1/8/2021 10:22	
pH	**4.45**		**SU**	**1**			1/8/2021 10:22	
METALS								
Analysis Desc: SW846 6010B Analysis,Water	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Beryllium	**0.0020**	**U**	**mg/L**	**1**	0.010	0.0020	1/11/2021 16:41	T
Iron	**0.14**		**mg/L**	**1**	0.10	0.0067	1/11/2021 16:41	T
Sodium	**2.2**		**mg/L**	**1**	1.0	0.80	1/11/2021 16:41	T
Zinc	**0.050**	**U**	**mg/L**	**1**	0.10	0.050	1/11/2021 16:41	T
Analysis Desc: SW846 6020B Analysis,Total	Preparation Method: SW-846 3010A Analytical Method: SW-846 6020							
Antimony	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/25/2021 11:24	J
Arsenic	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 01:34	J
Barium	**0.028**		**mg/L**	**1**	0.0020	0.00050	1/25/2021 11:24	J
Cadmium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 01:34	J
Chromium	**0.00060**	**I**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 01:34	J
Cobalt	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 01:34	J
Copper	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 01:34	J
Lead	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 01:34	J
Nickel	**0.0012**	**U**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 01:34	J
Selenium	**0.0012**	**U**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 01:34	J
Silver	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 01:34	J
Thallium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 01:34	J
Tin	**0.015**	**U**	**mg/L**	**1**	0.060	0.015	1/16/2021 01:34	J
Vanadium	**0.0014**	**I**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 01:34	J
Analysis Desc: SW846 7470A Analysis,Water	Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A							
Mercury	**0.000028**	**U**	**mg/L**	**1**	0.00010	0.000028	1/12/2021 10:31	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534001** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-22A** Date Collected: 01/08/21 10:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES								
Analysis Desc: 8081B Pesticide Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: EPA 8081							
4,4`-DDD	**0.028**	**U**	**ug/L**	**1**	0.050	0.028	1/14/2021 02:50	T
4,4`-DDE	**0.0069**	**U**	**ug/L**	**1**	0.050	0.0069	1/14/2021 02:50	T
4,4`-DDT	**0.015**	**U**	**ug/L**	**1**	0.050	0.015	1/14/2021 02:50	T
Aldrin	**0.015**	**U**	**ug/L**	**1**	0.050	0.015	1/14/2021 02:50	T
Chlordane (technical)	**0.38**	**U**	**ug/L**	**1**	0.50	0.38	1/14/2021 02:50	T
Dieldrin	**0.029**	**U**	**ug/L**	**1**	0.050	0.029	1/14/2021 02:50	T
Endosulfan I	**0.0063**	**U**	**ug/L**	**1**	0.050	0.0063	1/14/2021 02:50	T
Endosulfan II	**0.0064**	**U**	**ug/L**	**1**	0.050	0.0064	1/14/2021 02:50	T
Endosulfan Sulfate	**0.026**	**U**	**ug/L**	**1**	0.050	0.026	1/14/2021 02:50	T
Endrin	**0.0098**	**U**	**ug/L**	**1**	0.050	0.0098	1/14/2021 02:50	T
Endrin Aldehyde	**0.019**	**U**	**ug/L**	**1**	0.050	0.019	1/14/2021 02:50	T
Heptachlor	**0.020**	**U**	**ug/L**	**1**	0.050	0.020	1/14/2021 02:50	T
Heptachlor Epoxide	**0.015**	**U**	**ug/L**	**1**	0.050	0.015	1/14/2021 02:50	T
Methoxychlor	**0.0042**	**U**	**ug/L**	**1**	0.050	0.0042	1/14/2021 02:50	T
Toxaphene	**0.43**	**U**	**ug/L**	**1**	0.50	0.43	1/14/2021 02:50	T
alpha-BHC	**0.0037**	**U**	**ug/L**	**1**	0.050	0.0037	1/14/2021 02:50	T
beta-BHC	**0.015**	**U**	**ug/L**	**1**	0.050	0.015	1/14/2021 02:50	T
delta-BHC	**0.012**	**U**	**ug/L**	**1**	0.050	0.012	1/14/2021 02:50	T
gamma-BHC (Lindane)	**0.011**	**U**	**ug/L**	**1**	0.050	0.011	1/14/2021 02:50	T
Tetrachloro-m-xylene (S)	**116**		**%**	**1**	44-124		1/14/2021 02:50	
Decachlorobiphenyl (S)	**116**		**%**	**1**	48-137		1/14/2021 02:50	
Analysis Desc: 8151A Herbicides Analysis, Water	Preparation Method: 8151 Analytical Method: EPA 8151							
2,4,5-T	**2.0**	**U**	**ug/L**	**1**	8.0	2.0	1/15/2021 17:18	J
2,4-D	**2.0**	**U**	**ug/L**	**1**	8.0	2.0	1/15/2021 17:18	J
Silvex (2,4,5-TP)	**1.0**	**U**	**ug/L**	**1**	4.0	1.0	1/15/2021 17:18	J
2,4-Dichlorophenylacetic acid (S)	**102**		**%**	**1**	41-122		1/15/2021 17:18	J
Analysis Desc: 8082A PCB Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: SW-846 8082A							
Aroclor 1016 (PCB-1016)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 02:50	T
Aroclor 1221 (PCB-1221)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 02:50	T
Aroclor 1232 (PCB-1232)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 02:50	T
Aroclor 1242 (PCB-1242)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 02:50	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534001** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-22A** Date Collected: 01/08/21 10:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Aroclor 1248 (PCB-1248)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 02:50	T
Aroclor 1254 (PCB-1254)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 02:50	T
Aroclor 1260 (PCB-1260)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 02:50	T
Tetrachloro-m-xylene (S)	**116**		**%**	**1**	61-119		1/14/2021 02:50	
Decachlorobiphenyl (S)	**116**		**%**	**1**	44-136		1/14/2021 02:50	
Analysis Desc: 8270C Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: SW-846 8270C							
1,2,4,5-Tetrachlorobenzene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
1,2,4-Trichlorobenzene	**0.69**	**U**	**ug/L**	**1**	5.0	0.69	1/15/2021 18:27	J
1,3,5-Trinitrobenzene	**2.5**	**U**	**ug/L**	**1**	5.0	2.5	1/21/2021 19:36	J
1,3-Dinitrobenzene	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 18:27	J
1,4-Naphthoquinone	**4.8**	**U**	**ug/L**	**1**	5.0	4.8	1/15/2021 18:27	J
1,4-Phenylenediamine	**5.0**	**U**	**ug/L**	**1**	80	5.0	1/15/2021 18:27	J
1-Naphthylamine	**0.95**	**U**	**ug/L**	**1**	5.0	0.95	1/15/2021 18:27	J
2,3,4,6-Tetrachlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
2,4,5-Trichlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
2,4,6-Trichlorophenol	**1.4**	**U**	**ug/L**	**1**	5.0	1.4	1/15/2021 18:27	J
2,4-Dichlorophenol	**0.90**	**U**	**ug/L**	**1**	5.0	0.90	1/15/2021 18:27	J
2,4-Dimethylphenol	**2.6**	**U**	**ug/L**	**1**	5.0	2.6	1/15/2021 18:27	J
2,4-Dinitrophenol	**1.1**	**U**	**ug/L**	**1**	10	1.1	1/15/2021 18:27	J
2,4-Dinitrotoluene (2,4-DNT)	**1.8**	**U**	**ug/L**	**1**	5.0	1.8	1/15/2021 18:27	J
2,6-Dichlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
2,6-Dinitrotoluene (2,6-DNT)	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 18:27	J
2-Acetylaminofluorene	**3.5**	**U**	**ug/L**	**1**	5.0	3.5	1/15/2021 18:27	J
2-Chloronaphthalene	**1.7**	**U**	**ug/L**	**1**	5.0	1.7	1/15/2021 18:27	J
2-Chlorophenol	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 18:27	J
2-Methyl-4,6-dinitrophenol	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 18:27	J
2-Methylnaphthalene	**0.049**	**U**	**ug/L**	**1**	0.20	0.049	1/15/2021 18:27	J
2-Methylphenol (o-Cresol)	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 18:27	J
2-Naphthylamine	**0.89**	**U**	**ug/L**	**1**	5.0	0.89	1/15/2021 18:27	J
2-Nitroaniline	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 18:27	J
2-Nitrophenol	**0.63**	**U**	**ug/L**	**1**	5.0	0.63	1/15/2021 18:27	J
3+4-Methylphenol(mp-Cresol)	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/15/2021 18:27	J
3,3'-Dimethylbenzidine	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 18:27	J
3,3`-Dichlorobenzidine	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
3-Methylcholanthrene	**1.9**	**U**	**ug/L**	**1**	5.0	1.9	1/15/2021 18:27	J
3-Nitroaniline	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 18:27	J
4-Aminobiphenyl	**0.61**	**U**	**ug/L**	**1**	5.0	0.61	1/15/2021 18:27	J
4-Bromophenyl Phenyl Ether	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 18:27	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534001** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-22A** Date Collected: 01/08/21 10:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
4-Chloro-3-methylphenol	**0.63**	**U**	**ug/L**	**1**	5.0	0.63	1/15/2021 18:27	J
4-Chloroaniline	**0.90**	**U**	**ug/L**	**1**	5.0	0.90	1/15/2021 18:27	J
4-Chlorophenyl Phenyl Ether	**1.6**	**U**	**ug/L**	**1**	5.0	1.6	1/15/2021 18:27	J
4-Dimethyl aminoazobenzene	**0.73**	**U**	**ug/L**	**1**	5.0	0.73	1/15/2021 18:27	J
4-Nitroaniline	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
4-Nitrophenol	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/15/2021 18:27	J
5-Nitro-o-toluidine	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/15/2021 18:27	J
7,12-Dimethylbenz[a]anthracene	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 18:27	J
Acenaphthene	**0.040**	**U**	**ug/L**	**1**	0.20	0.040	1/15/2021 18:27	J
Acenaphthylene	**0.042**	**U**	**ug/L**	**1**	0.20	0.042	1/15/2021 18:27	J
Acetophenone	**1.6**	**U**	**ug/L**	**1**	5.0	1.6	1/15/2021 18:27	J
Anthracene	**0.035**	**U**	**ug/L**	**1**	0.20	0.035	1/15/2021 18:27	J
Benzo[a]anthracene	**0.012**	**U**	**ug/L**	**1**	0.20	0.012	1/15/2021 18:27	J
Benzo[a]pyrene	**0.037**	**U**	**ug/L**	**1**	0.20	0.037	1/15/2021 18:27	J
Benzo[b]fluoranthene	**0.012**	**U**	**ug/L**	**1**	0.10	0.012	1/15/2021 18:27	J
Benzo[g,h,i]perylene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 18:27	J
Benzo[k]fluoranthene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 18:27	J
Benzyl Alcohol	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 18:27	J
Butyl benzyl phthalate	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 18:27	J
Chlorobenzilate	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 18:27	J
Chrysene	**0.033**	**U**	**ug/L**	**1**	0.20	0.033	1/15/2021 18:27	J
Di-n-Butyl Phthalate	**0.88**	**U**	**ug/L**	**1**	5.0	0.88	1/15/2021 18:27	J
Di-n-octyl Phthalate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 18:27	J
Diallate	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 18:27	J
Dibenzo[a,h]anthracene	**0.024**	**U**	**ug/L**	**1**	0.20	0.024	1/15/2021 18:27	J
Dibenzofuran	**0.069**	**U**	**ug/L**	**1**	5.0	0.069	1/15/2021 18:27	J
Diethyl phthalate	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 18:27	J
Dimethoate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 19:36	J
Dimethyl phthalate	**1.8**	**U**	**ug/L**	**1**	10	1.8	1/15/2021 18:27	J
Dinoseb	**2.3**	**U**	**ug/L**	**1**	5.0	2.3	1/21/2021 19:36	J
Diphenylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 18:27	J
Disulfoton	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/21/2021 19:36	J
Ethyl methanesulfonate	**0.91**	**U**	**ug/L**	**1**	5.0	0.91	1/15/2021 18:27	J
Famphur	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/21/2021 19:36	J
Fluoranthene	**0.037**	**U**	**ug/L**	**1**	0.20	0.037	1/15/2021 18:27	J
Fluorene	**0.038**	**U**	**ug/L**	**1**	0.20	0.038	1/15/2021 18:27	J
Hexachlorobenzene	**0.99**	**U**	**ug/L**	**1**	5.0	0.99	1/15/2021 18:27	J
Hexachlorobutadiene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
Hexachlorocyclopentadiene	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/15/2021 18:27	J
Hexachloroethane	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 18:27	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534001** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-22A** Date Collected: 01/08/21 10:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Hexachloropropene	**2.7**	**U**	**ug/L**	**1**	5.0	2.7	1/15/2021 18:27	J
Indeno(1,2,3-cd)pyrene	**0.011**	**U**	**ug/L**	**1**	0.20	0.011	1/15/2021 18:27	J
Isodrin	**3.1**	**U**	**ug/L**	**1**	5.0	3.1	1/15/2021 18:27	J
Isophorone	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 18:27	J
Isosafrole	**3.2**	**U**	**ug/L**	**1**	5.0	3.2	1/15/2021 18:27	J
Kepone	**5.2**	**U**	**ug/L**	**1**	80	5.2	1/21/2021 19:36	J
Methapyrilene	**1.8**	**U**	**ug/L**	**1**	5.0	1.8	1/21/2021 19:36	J
Methyl Methanesulfonate	**0.67**	**U**	**ug/L**	**1**	5.0	0.67	1/15/2021 18:27	J
Methyl Parathion	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/21/2021 19:36	J
N-Nitrosodi-n-butylamine	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 18:27	J
N-Nitrosodi-n-propylamine	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/15/2021 18:27	J
N-Nitrosodiethylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 18:27	J
N-Nitrosodimethylamine	**0.93**	**U**	**ug/L**	**1**	5.0	0.93	1/15/2021 18:27	J
N-Nitrosodiphenylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 18:27	J
N-Nitrosomethylethylamine	**2.7**	**U**	**ug/L**	**1**	5.0	2.7	1/15/2021 18:27	J
N-Nitrosopiperidine	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
N-Nitrosopyrrolidine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 18:27	J
Naphthalene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 18:27	J
Nitrobenzene	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 18:27	J
Parathion (Ethyl)	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/21/2021 19:36	J
Pentachlorobenzene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 18:27	J
Pentachloronitrobenzene	**1.7**	**U**	**ug/L**	**1**	5.0	1.7	1/15/2021 18:27	J
Pentachlorophenol	**0.95**	**U**	**ug/L**	**1**	5.0	0.95	1/15/2021 18:27	J
Phenacetin	**3.2**	**U**	**ug/L**	**1**	5.0	3.2	1/15/2021 18:27	J
Phenanthrene	**0.040**	**U**	**ug/L**	**1**	0.20	0.040	1/15/2021 18:27	J
Phenol	**0.54**	**U**	**ug/L**	**1**	5.0	0.54	1/15/2021 18:27	J
Phorate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 19:36	J
Pronamide (Kerb)	**3.6**	**U**	**ug/L**	**1**	5.0	3.6	1/15/2021 18:27	J
Pyrene	**0.036**	**U**	**ug/L**	**1**	0.20	0.036	1/15/2021 18:27	J
Safrole	**3.5**	**U**	**ug/L**	**1**	5.0	3.5	1/15/2021 18:27	J
Thionazin (Zinophos)	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 19:36	J
bis(2-Chloroethoxy)methane	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 18:27	J
bis(2-Chloroethyl)Ether	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 18:27	J
bis(2-Chloroisopropyl) Ether	**1.4**	**U**	**ug/L**	**1**	5.0	1.4	1/15/2021 18:27	J
bis(2-Ethylhexyl) phthalate	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 18:27	J
o,o,o-Triethylphosphorothioate	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/21/2021 19:36	J
o-Toluidine	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 18:27	J
2-Fluorophenol (S)	**32**		**%**	**1**	31-134		1/15/2021 18:27	
Phenol-d6 (S)	**19**	**J4**	**%**	**1**	24-120		1/15/2021 18:27	
Nitrobenzene-d5 (S)	**74**		**%**	**1**	38-139		1/15/2021 18:27	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534001** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-22A** Date Collected: 01/08/21 10:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
2-Fluorobiphenyl (S)	**71**		**%**	**1**	42-138		1/15/2021 18:27	
2,4,6-Tribromophenol (S)	**90**		**%**	**1**	48-147		1/15/2021 18:27	
p-Terphenyl-d14 (S)	**99**		**%**	**1**	61-154		1/15/2021 18:27	
VOLATILES								
Analysis Desc: 8260B VOCs Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B							
1,1,1,2-Tetrachloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
1,1,1-Trichloroethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
1,1,2,2-Tetrachloroethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:51	J
1,1,2-Trichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
1,1-Dichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
1,1-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
1,1-Dichloropropene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
1,2,3-Trichloropropane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
1,2-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
1,2-Dichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
1,2-Dichloropropane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
1,3-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
1,3-Dichloropropane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:51	J
1,4-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
2,2-Dichloropropane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
2-Butanone (MEK)	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
2-Hexanone	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
4-Methyl-2-pentanone (MIBK)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Acetone	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Acetonitrile	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Acrolein (Propenal)	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/13/2021 17:51	J
Acrylonitrile	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Allyl Chloride(3-Chloropropene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Benzene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Bromochloromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Bromodichloromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Bromoform	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Bromomethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Carbon Disulfide	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Carbon Tetrachloride	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Chlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Chloroethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534001** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-22A** Date Collected: 01/08/21 10:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Chloroform	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Chloromethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Chloroprene	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/13/2021 17:51	J
Dibromochloromethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:51	J
Dibromomethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Dichlorodifluoromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Ethyl Methacrylate	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Ethylbenzene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Iodomethane (Methyl Iodide)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Isobutyl Alcohol	**2.5**	**U**	**ug/L**	**1**	10	2.5	1/13/2021 17:51	J
Methacrylonitrile	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Methyl Methacrylate	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/13/2021 17:51	J
Methylene Chloride	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/13/2021 17:51	J
Propionitrile (Ethyl cyanide)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Styrene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Tetrachloroethylene (PCE)	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Toluene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Trichloroethene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Trichlorofluoromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Vinyl Acetate	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
Vinyl Chloride	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:51	J
Xylene (Total)	**0.75**	**U**	**ug/L**	**1**	3.0	0.75	1/13/2021 17:51	J
cis-1,2-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
cis-1,3-Dichloropropene	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:51	J
trans-1,2-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
trans-1,3-Dichloropropylene	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:51	J
trans-1,4-Dichloro-2-butene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:51	J
1,2-Dichloroethane-d4 (S)	**101**		**%**	**1**	70-128		1/13/2021 17:51	
Toluene-d8 (S)	**97**		**%**	**1**	77-119		1/13/2021 17:51	
Bromofluorobenzene (S)	**102**		**%**	**1**	86-123		1/13/2021 17:51	
Analysis Desc: 8260B SIM Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B (SIM)							
1,2-Dibromo-3-Chloropropane	**0.050**	**U**	**ug/L**	**1**	0.20	0.050	1/13/2021 17:51	J
Ethylene Dibromide (EDB)	**0.019**	**U**	**ug/L**	**1**	0.10	0.019	1/13/2021 17:51	J
1,2-Dichloroethane-d4 (S)	**97**		**%**	**1**	77-125		1/13/2021 17:51	
Toluene-d8 (S)	**95**		**%**	**1**	80-121		1/13/2021 17:51	
Bromofluorobenzene (S)	**100**		**%**	**1**	80-129		1/13/2021 17:51	

WET CHEMISTRY

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534001** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-22A** Date Collected: 01/08/21 10:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: IC,E300.0,Water	Analytical Method: EPA 300.0							
Chloride	**8.7**	**I**	**mg/L**	**2**	10	2.0	1/14/2021 21:06	T
Sulfate	**48**		**mg/L**	**2**	10	2.0	1/14/2021 21:06	T
Analysis Desc: Ammonia,E350.1,Water	Analytical Method: EPA 350.1							
Ammonia (N)	**0.27**		**mg/L**	**1**	0.030	0.015	1/18/2021 13:55	T
Analysis Desc: Tot Dissolved Solids,SM2540C	Analytical Method: SM 2540 C							
Total Dissolved Solids	**100**		**mg/L**	**1**	10	10	1/13/2021 10:30	T
Analysis Desc: Cyanide, SM4500-E, Water	Analytical Method: SM 4500-CN-E							
Cyanide	**0.0040**	**U**	**mg/L**	**1**	0.010	0.0040	1/19/2021 16:46	T
Analysis Desc: Sulfide,SM4500S-D,Aqueous	Analytical Method: SM 4500-S D							
Sulfide	**0.60**		**mg/L**	**1**	0.050	0.013	1/11/2021 13:15	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water	Analytical Method: SM 4500NO3-F							
Nitrate (as N)	**0.092**	**U**	**mg/L**	**1**	0.10	0.092	1/8/2021 17:09	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534002** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-83** Date Collected: 01/08/21 11:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements	Analytical Method: Field Measurements							
Conductivity	**483.8**		**umhos/cm**	**1**			1/8/2021 11:11	
Dissolved Oxygen	**3.23**		**mg/L**	**1**			1/8/2021 11:11	
ORP-2580BW	**85.6**		**mV**	**1**			1/8/2021 11:11	
Temperature	**23**		**°C**	**1**			1/8/2021 11:11	
Turbidity	**2.13**		**NTU**	**1**			1/8/2021 11:11	
pH	**6.35**		**SU**	**1**			1/8/2021 11:11	
METALS								
Analysis Desc: SW846 6010B Analysis,Water	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Beryllium	**0.0020**	**U**	**mg/L**	**1**	0.010	0.0020	1/11/2021 16:44	T
Iron	**0.0067**	**U**	**mg/L**	**1**	0.10	0.0067	1/11/2021 16:44	T
Sodium	**55**		**mg/L**	**1**	1.0	0.80	1/11/2021 16:44	T
Zinc	**0.050**	**U**	**mg/L**	**1**	0.10	0.050	1/11/2021 16:44	T
Analysis Desc: SW846 6020B Analysis,Total	Preparation Method: SW-846 3010A Analytical Method: SW-846 6020							
Antimony	**0.0017**	**I**	**mg/L**	**1**	0.0040	0.0010	1/25/2021 11:30	J
Arsenic	**0.00074**	**I**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:00	J
Barium	**0.0031**		**mg/L**	**1**	0.0020	0.00050	1/25/2021 11:30	J
Cadmium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:00	J
Chromium	**0.00066**	**I**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:00	J
Cobalt	**0.00092**	**I**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:00	J
Copper	**0.0027**	**I**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:00	J
Lead	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:00	J
Nickel	**0.0062**		**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:00	J
Selenium	**0.0024**	**I**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:00	J
Silver	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:00	J
Thallium	**0.00049**	**I**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:00	J
Tin	**0.015**	**U**	**mg/L**	**1**	0.060	0.015	1/16/2021 02:00	J
Vanadium	**0.18**		**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:00	J
Analysis Desc: SW846 7470A Analysis,Water	Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A							
Mercury	**0.000028**	**U**	**mg/L**	**1**	0.00010	0.000028	1/12/2021 10:34	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534002** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-83** Date Collected: 01/08/21 11:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES								
Analysis Desc: 8081B Pesticide Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: EPA 8081							
4,4`-DDD	**0.029**	**U**	**ug/L**	**1**	0.051	0.029	1/14/2021 03:22	T
4,4`-DDE	**0.0070**	**U**	**ug/L**	**1**	0.051	0.0070	1/14/2021 03:22	T
4,4`-DDT	**0.015**	**U**	**ug/L**	**1**	0.051	0.015	1/14/2021 03:22	T
Aldrin	**0.015**	**U**	**ug/L**	**1**	0.051	0.015	1/14/2021 03:22	T
Chlordane (technical)	**0.39**	**U**	**ug/L**	**1**	0.51	0.39	1/14/2021 03:22	T
Dieldrin	**0.029**	**U**	**ug/L**	**1**	0.051	0.029	1/14/2021 03:22	T
Endosulfan I	**0.0064**	**U**	**ug/L**	**1**	0.051	0.0064	1/14/2021 03:22	T
Endosulfan II	**0.0065**	**U**	**ug/L**	**1**	0.051	0.0065	1/14/2021 03:22	T
Endosulfan Sulfate	**0.026**	**U**	**ug/L**	**1**	0.051	0.026	1/14/2021 03:22	T
Endrin	**0.0099**	**U**	**ug/L**	**1**	0.051	0.0099	1/14/2021 03:22	T
Endrin Aldehyde	**0.019**	**U**	**ug/L**	**1**	0.051	0.019	1/14/2021 03:22	T
Heptachlor	**0.020**	**U**	**ug/L**	**1**	0.051	0.020	1/14/2021 03:22	T
Heptachlor Epoxide	**0.015**	**U**	**ug/L**	**1**	0.051	0.015	1/14/2021 03:22	T
Methoxychlor	**0.0042**	**U**	**ug/L**	**1**	0.051	0.0042	1/14/2021 03:22	T
Toxaphene	**0.43**	**U**	**ug/L**	**1**	0.51	0.43	1/14/2021 03:22	T
alpha-BHC	**0.0037**	**U**	**ug/L**	**1**	0.051	0.0037	1/14/2021 03:22	T
beta-BHC	**0.015**	**U**	**ug/L**	**1**	0.051	0.015	1/14/2021 03:22	T
delta-BHC	**0.013**	**U**	**ug/L**	**1**	0.051	0.013	1/14/2021 03:22	T
gamma-BHC (Lindane)	**0.011**	**U**	**ug/L**	**1**	0.051	0.011	1/14/2021 03:22	T
Tetrachloro-m-xylene (S)	**99**		**%**	**1**	44-124		1/14/2021 03:22	
Decachlorobiphenyl (S)	**97**		**%**	**1**	48-137		1/14/2021 03:22	
Analysis Desc: 8151A Herbicides Analysis, Water	Preparation Method: 8151 Analytical Method: EPA 8151							
2,4,5-T	**2.0**	**U**	**ug/L**	**1**	8.0	2.0	1/15/2021 17:52	J
2,4-D	**2.0**	**U**	**ug/L**	**1**	8.0	2.0	1/15/2021 17:52	J
Silvex (2,4,5-TP)	**1.0**	**U**	**ug/L**	**1**	4.0	1.0	1/15/2021 17:52	J
2,4-Dichlorophenylacetic acid (S)	**76**		**%**	**1**	41-122		1/15/2021 17:52	J
Analysis Desc: 8082A PCB Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: SW-846 8082A							
Aroclor 1016 (PCB-1016)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:22	T
Aroclor 1221 (PCB-1221)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:22	T
Aroclor 1232 (PCB-1232)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:22	T
Aroclor 1242 (PCB-1242)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:22	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534002** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-83** Date Collected: 01/08/21 11:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Aroclor 1248 (PCB-1248)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:22	T
Aroclor 1254 (PCB-1254)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:22	T
Aroclor 1260 (PCB-1260)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:22	T
Tetrachloro-m-xylene (S)	**99**		**%**	**1**	61-119		1/14/2021 03:22	
Decachlorobiphenyl (S)	**97**		**%**	**1**	44-136		1/14/2021 03:22	
Analysis Desc: 8270C Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: SW-846 8270C							
1,2,4,5-Tetrachlorobenzene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
1,2,4-Trichlorobenzene	**0.69**	**U**	**ug/L**	**1**	5.0	0.69	1/15/2021 19:05	J
1,3,5-Trinitrobenzene	**2.5**	**U**	**ug/L**	**1**	5.0	2.5	1/21/2021 20:13	J
1,3-Dinitrobenzene	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:05	J
1,4-Naphthoquinone	**4.8**	**U**	**ug/L**	**1**	5.0	4.8	1/15/2021 19:05	J
1,4-Phenylenediamine	**5.0**	**U**	**ug/L**	**1**	80	5.0	1/15/2021 19:05	J
1-Naphthylamine	**0.95**	**U**	**ug/L**	**1**	5.0	0.95	1/15/2021 19:05	J
2,3,4,6-Tetrachlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
2,4,5-Trichlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
2,4,6-Trichlorophenol	**1.4**	**U**	**ug/L**	**1**	5.0	1.4	1/15/2021 19:05	J
2,4-Dichlorophenol	**0.90**	**U**	**ug/L**	**1**	5.0	0.90	1/15/2021 19:05	J
2,4-Dimethylphenol	**2.6**	**U**	**ug/L**	**1**	5.0	2.6	1/15/2021 19:05	J
2,4-Dinitrophenol	**1.1**	**U**	**ug/L**	**1**	10	1.1	1/15/2021 19:05	J
2,4-Dinitrotoluene (2,4-DNT)	**1.8**	**U**	**ug/L**	**1**	5.0	1.8	1/15/2021 19:05	J
2,6-Dichlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
2,6-Dinitrotoluene (2,6-DNT)	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 19:05	J
2-Acetylaminofluorene	**3.5**	**U**	**ug/L**	**1**	5.0	3.5	1/15/2021 19:05	J
2-Chloronaphthalene	**1.7**	**U**	**ug/L**	**1**	5.0	1.7	1/15/2021 19:05	J
2-Chlorophenol	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:05	J
2-Methyl-4,6-dinitrophenol	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 19:05	J
2-Methylnaphthalene	**0.049**	**U**	**ug/L**	**1**	0.20	0.049	1/15/2021 19:05	J
2-Methylphenol (o-Cresol)	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:05	J
2-Naphthylamine	**0.89**	**U**	**ug/L**	**1**	5.0	0.89	1/15/2021 19:05	J
2-Nitroaniline	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:05	J
2-Nitrophenol	**0.63**	**U**	**ug/L**	**1**	5.0	0.63	1/15/2021 19:05	J
3+4-Methylphenol(mp-Cresol)	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/15/2021 19:05	J
3,3'-Dimethylbenzidine	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 19:05	J
3,3`-Dichlorobenzidine	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
3-Methylcholanthrene	**1.9**	**U**	**ug/L**	**1**	5.0	1.9	1/15/2021 19:05	J
3-Nitroaniline	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:05	J
4-Aminobiphenyl	**0.61**	**U**	**ug/L**	**1**	5.0	0.61	1/15/2021 19:05	J
4-Bromophenyl Phenyl Ether	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:05	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534002** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-83** Date Collected: 01/08/21 11:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
4-Chloro-3-methylphenol	**0.63**	**U**	**ug/L**	**1**	5.0	0.63	1/15/2021 19:05	J
4-Chloroaniline	**0.90**	**U**	**ug/L**	**1**	5.0	0.90	1/15/2021 19:05	J
4-Chlorophenyl Phenyl Ether	**1.6**	**U**	**ug/L**	**1**	5.0	1.6	1/15/2021 19:05	J
4-Dimethyl aminoazobenzene	**0.73**	**U**	**ug/L**	**1**	5.0	0.73	1/15/2021 19:05	J
4-Nitroaniline	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
4-Nitrophenol	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/15/2021 19:05	J
5-Nitro-o-toluidine	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/15/2021 19:05	J
7,12-Dimethylbenz[a]anthracene	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:05	J
Acenaphthene	**0.040**	**U**	**ug/L**	**1**	0.20	0.040	1/15/2021 19:05	J
Acenaphthylene	**0.042**	**U**	**ug/L**	**1**	0.20	0.042	1/15/2021 19:05	J
Acetophenone	**1.6**	**U**	**ug/L**	**1**	5.0	1.6	1/15/2021 19:05	J
Anthracene	**0.035**	**U**	**ug/L**	**1**	0.20	0.035	1/15/2021 19:05	J
Benzo[a]anthracene	**0.012**	**U**	**ug/L**	**1**	0.20	0.012	1/15/2021 19:05	J
Benzo[a]pyrene	**0.037**	**U**	**ug/L**	**1**	0.20	0.037	1/15/2021 19:05	J
Benzo[b]fluoranthene	**0.012**	**U**	**ug/L**	**1**	0.10	0.012	1/15/2021 19:05	J
Benzo[g,h,i]perylene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 19:05	J
Benzo[k]fluoranthene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 19:05	J
Benzyl Alcohol	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 19:05	J
Butyl benzyl phthalate	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:05	J
Chlorobenzilate	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 19:05	J
Chrysene	**0.033**	**U**	**ug/L**	**1**	0.20	0.033	1/15/2021 19:05	J
Di-n-Butyl Phthalate	**0.88**	**U**	**ug/L**	**1**	5.0	0.88	1/15/2021 19:05	J
Di-n-octyl Phthalate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 19:05	J
Diallate	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:05	J
Dibenzo[a,h]anthracene	**0.024**	**U**	**ug/L**	**1**	0.20	0.024	1/15/2021 19:05	J
Dibenzofuran	**0.069**	**U**	**ug/L**	**1**	5.0	0.069	1/15/2021 19:05	J
Diethyl phthalate	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:05	J
Dimethoate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 20:13	J
Dimethyl phthalate	**1.8**	**U**	**ug/L**	**1**	10	1.8	1/15/2021 19:05	J
Dinoseb	**2.3**	**U**	**ug/L**	**1**	5.0	2.3	1/21/2021 20:13	J
Diphenylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:05	J
Disulfoton	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/21/2021 20:13	J
Ethyl methanesulfonate	**0.91**	**U**	**ug/L**	**1**	5.0	0.91	1/15/2021 19:05	J
Famphur	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/21/2021 20:13	J
Fluoranthene	**0.037**	**U**	**ug/L**	**1**	0.20	0.037	1/15/2021 19:05	J
Fluorene	**0.038**	**U**	**ug/L**	**1**	0.20	0.038	1/15/2021 19:05	J
Hexachlorobenzene	**0.99**	**U**	**ug/L**	**1**	5.0	0.99	1/15/2021 19:05	J
Hexachlorobutadiene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
Hexachlorocyclopentadiene	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/15/2021 19:05	J
Hexachloroethane	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 19:05	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534002** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-83** Date Collected: 01/08/21 11:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Hexachloropropene	**2.7**	**U**	**ug/L**	**1**	5.0	2.7	1/15/2021 19:05	J
Indeno(1,2,3-cd)pyrene	**0.011**	**U**	**ug/L**	**1**	0.20	0.011	1/15/2021 19:05	J
Isodrin	**3.1**	**U**	**ug/L**	**1**	5.0	3.1	1/15/2021 19:05	J
Isophorone	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:05	J
Isosafrole	**3.2**	**U**	**ug/L**	**1**	5.0	3.2	1/15/2021 19:05	J
Kepone	**5.2**	**U**	**ug/L**	**1**	80	5.2	1/21/2021 20:13	J
Methapyrilene	**1.8**	**U**	**ug/L**	**1**	5.0	1.8	1/21/2021 20:13	J
Methyl Methanesulfonate	**0.67**	**U**	**ug/L**	**1**	5.0	0.67	1/15/2021 19:05	J
Methyl Parathion	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/21/2021 20:13	J
N-Nitrosodi-n-butylamine	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:05	J
N-Nitrosodi-n-propylamine	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/15/2021 19:05	J
N-Nitrosodiethylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:05	J
N-Nitrosodimethylamine	**0.93**	**U**	**ug/L**	**1**	5.0	0.93	1/15/2021 19:05	J
N-Nitrosodiphenylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:05	J
N-Nitrosomethylethylamine	**2.7**	**U**	**ug/L**	**1**	5.0	2.7	1/15/2021 19:05	J
N-Nitrosopiperidine	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
N-Nitrosopyrrolidine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:05	J
Naphthalene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 19:05	J
Nitrobenzene	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:05	J
Parathion (Ethyl)	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/21/2021 20:13	J
Pentachlorobenzene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:05	J
Pentachloronitrobenzene	**1.7**	**U**	**ug/L**	**1**	5.0	1.7	1/15/2021 19:05	J
Pentachlorophenol	**0.95**	**U**	**ug/L**	**1**	5.0	0.95	1/15/2021 19:05	J
Phenacetin	**3.2**	**U**	**ug/L**	**1**	5.0	3.2	1/15/2021 19:05	J
Phenanthrene	**0.040**	**U**	**ug/L**	**1**	0.20	0.040	1/15/2021 19:05	J
Phenol	**0.54**	**U**	**ug/L**	**1**	5.0	0.54	1/15/2021 19:05	J
Phorate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 20:13	J
Pronamide (Kerb)	**3.6**	**U**	**ug/L**	**1**	5.0	3.6	1/15/2021 19:05	J
Pyrene	**0.036**	**U**	**ug/L**	**1**	0.20	0.036	1/15/2021 19:05	J
Safrole	**3.5**	**U**	**ug/L**	**1**	5.0	3.5	1/15/2021 19:05	J
Thionazin (Zinophos)	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 20:13	J
bis(2-Chloroethoxy)methane	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 19:05	J
bis(2-Chloroethyl)Ether	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:05	J
bis(2-Chloroisopropyl) Ether	**1.4**	**U**	**ug/L**	**1**	5.0	1.4	1/15/2021 19:05	J
bis(2-Ethylhexyl) phthalate	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 19:05	J
o,o,o-Triethylphosphorothioate	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/21/2021 20:13	J
o-Toluidine	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 19:05	J
2-Fluorophenol (S)	**39**		**%**	**1**	31-134		1/15/2021 19:05	
Phenol-d6 (S)	**23**	**J4**	**%**	**1**	24-120		1/15/2021 19:05	
Nitrobenzene-d5 (S)	**92**		**%**	**1**	38-139		1/15/2021 19:05	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534002** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-83** Date Collected: 01/08/21 11:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
2-Fluorobiphenyl (S)	**89**		**%**	**1**	42-138		1/15/2021 19:05	
2,4,6-Tribromophenol (S)	**98**		**%**	**1**	48-147		1/15/2021 19:05	
p-Terphenyl-d14 (S)	**99**		**%**	**1**	61-154		1/15/2021 19:05	
VOLATILES								
Analysis Desc: 8260B VOCs Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B							
1,1,1,2-Tetrachloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
1,1,1-Trichloroethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
1,1,2,2-Tetrachloroethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:19	J
1,1,2-Trichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
1,1-Dichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
1,1-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
1,1-Dichloropropene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
1,2,3-Trichloropropane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
1,2-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
1,2-Dichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
1,2-Dichloropropane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
1,3-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
1,3-Dichloropropane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:19	J
1,4-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
2,2-Dichloropropane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
2-Butanone (MEK)	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
2-Hexanone	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
4-Methyl-2-pentanone (MIBK)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Acetone	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Acetonitrile	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Acrolein (Propenal)	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/13/2021 18:19	J
Acrylonitrile	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Allyl Chloride(3-Chloropropene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Benzene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Bromochloromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Bromodichloromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Bromoform	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Bromomethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Carbon Disulfide	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Carbon Tetrachloride	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Chlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Chloroethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534002** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-83** Date Collected: 01/08/21 11:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Chloroform	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Chloromethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Chloroprene	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/13/2021 18:19	J
Dibromochloromethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:19	J
Dibromomethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Dichlorodifluoromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Ethyl Methacrylate	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Ethylbenzene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Iodomethane (Methyl Iodide)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Isobutyl Alcohol	**2.5**	**U**	**ug/L**	**1**	10	2.5	1/13/2021 18:19	J
Methacrylonitrile	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Methyl Methacrylate	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/13/2021 18:19	J
Methylene Chloride	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/13/2021 18:19	J
Propionitrile (Ethyl cyanide)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Styrene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Tetrachloroethylene (PCE)	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Toluene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Trichloroethene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Trichlorofluoromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Vinyl Acetate	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
Vinyl Chloride	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:19	J
Xylene (Total)	**0.75**	**U**	**ug/L**	**1**	3.0	0.75	1/13/2021 18:19	J
cis-1,2-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
cis-1,3-Dichloropropene	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:19	J
trans-1,2-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
trans-1,3-Dichloropropylene	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:19	J
trans-1,4-Dichloro-2-butene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:19	J
1,2-Dichloroethane-d4 (S)	**99**		**%**	**1**	70-128		1/13/2021 18:19	
Toluene-d8 (S)	**97**		**%**	**1**	77-119		1/13/2021 18:19	
Bromofluorobenzene (S)	**102**		**%**	**1**	86-123		1/13/2021 18:19	
Analysis Desc: 8260B SIM Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B (SIM)							
1,2-Dibromo-3-Chloropropane	**0.050**	**U**	**ug/L**	**1**	0.20	0.050	1/13/2021 18:19	J
Ethylene Dibromide (EDB)	**0.019**	**U**	**ug/L**	**1**	0.10	0.019	1/13/2021 18:19	J
1,2-Dichloroethane-d4 (S)	**95**		**%**	**1**	77-125		1/13/2021 18:19	
Toluene-d8 (S)	**95**		**%**	**1**	80-121		1/13/2021 18:19	
Bromofluorobenzene (S)	**100**		**%**	**1**	80-129		1/13/2021 18:19	

WET CHEMISTRY

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534002** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-83** Date Collected: 01/08/21 11:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: IC,E300.0,Water	Analytical Method: EPA 300.0							
Chloride	**67**		**mg/L**	**2**	10	2.0	1/14/2021 21:22	T
Sulfate	**5.5**	**I**	**mg/L**	**2**	10	2.0	1/14/2021 21:22	T
Analysis Desc: Ammonia,E350.1,Water	Analytical Method: EPA 350.1							
Ammonia (N)	**1.4**		**mg/L**	**1**	0.030	0.015	1/18/2021 13:56	T
Analysis Desc: Tot Dissolved Solids,SM2540C	Analytical Method: SM 2540 C							
Total Dissolved Solids	**270**		**mg/L**	**1**	10	10	1/13/2021 10:30	T
Analysis Desc: Cyanide, SM4500-E, Water	Analytical Method: SM 4500-CN-E							
Cyanide	**0.0040**	**U**	**mg/L**	**1**	0.010	0.0040	1/19/2021 16:52	T
Analysis Desc: Sulfide,SM4500S-D,Aqueous	Analytical Method: SM 4500-S D							
Sulfide	**0.019**	**I**	**mg/L**	**1**	0.050	0.013	1/11/2021 13:15	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water	Analytical Method: SM 4500NO3-F							
Nitrate (as N)	**0.12**		**mg/L**	**1**	0.10	0.092	1/8/2021 17:11	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534003** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-84** Date Collected: 01/08/21 14:43

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
FIELD PARAMETERS								
Analysis Desc: Data entry of field measurements	Analytical Method: Field Measurements							
Conductivity	**297.6**		**umhos/cm**	**1**			1/8/2021 14:43	
Dissolved Oxygen	**1.43**		**mg/L**	**1**			1/8/2021 14:43	
ORP-2580BW	**88.9**		**mV**	**1**			1/8/2021 14:43	
Temperature	**25**		**°C**	**1**			1/8/2021 14:43	
Turbidity	**12.7**		**NTU**	**1**			1/8/2021 14:43	
pH	**5.86**		**SU**	**1**			1/8/2021 14:43	
METALS								
Analysis Desc: SW846 6010B Analysis,Water	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Beryllium	**0.0020**	**U**	**mg/L**	**1**	0.010	0.0020	1/11/2021 16:47	T
Iron	**0.53**		**mg/L**	**1**	0.10	0.0067	1/11/2021 16:47	T
Sodium	**7.6**		**mg/L**	**1**	1.0	0.80	1/11/2021 16:47	T
Zinc	**0.050**	**U**	**mg/L**	**1**	0.10	0.050	1/11/2021 16:47	T
Analysis Desc: SW846 6020B Analysis,Total	Preparation Method: SW-846 3010A Analytical Method: SW-846 6020							
Antimony	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/25/2021 11:35	J
Arsenic	**0.00057**	**I**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:05	J
Barium	**0.0045**		**mg/L**	**1**	0.0020	0.00050	1/25/2021 11:35	J
Cadmium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:05	J
Chromium	**0.0020**		**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:05	J
Cobalt	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:05	J
Copper	**0.0017**	**I**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:05	J
Lead	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:05	J
Nickel	**0.0014**	**I**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:05	J
Selenium	**0.016**		**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:05	J
Silver	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:05	J
Thallium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:05	J
Vanadium	**0.015**		**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:05	J
Analysis Desc: SW846 7470A Analysis,Water	Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A							
Mercury	**0.000028**	**U**	**mg/L**	**1**	0.00010	0.000028	1/12/2021 10:44	T
VOLATILES								

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534003** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-84** Date Collected: 01/08/21 14:43

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: 8260B VOCs Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B							
1,1,1,2-Tetrachloroethane	**0.47**	**U**	**ug/L**	**1**	1.0	0.47	1/16/2021 00:24	T
1,1,1-Trichloroethane	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:24	T
1,1,2,2-Tetrachloroethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/16/2021 00:24	T
1,1,2-Trichloroethane	**0.40**	**U**	**ug/L**	**1**	1.0	0.40	1/16/2021 00:24	T
1,1-Dichloroethane	**0.38**	**U**	**ug/L**	**1**	1.0	0.38	1/16/2021 00:24	T
1,1-Dichloroethylene	**0.41**	**U**	**ug/L**	**1**	1.0	0.41	1/16/2021 00:24	T
1,2,3-Trichloropropane	**0.22**	**U**	**ug/L**	**1**	1.0	0.22	1/16/2021 00:24	T
1,2-Dichlorobenzene	**0.44**	**U**	**ug/L**	**1**	1.0	0.44	1/16/2021 00:24	T
1,2-Dichloroethane	**0.40**	**U**	**ug/L**	**1**	1.0	0.40	1/16/2021 00:24	T
1,2-Dichloropropane	**0.18**	**U**	**ug/L**	**1**	1.0	0.18	1/16/2021 00:24	T
1,4-Dichlorobenzene	**0.36**	**U**	**ug/L**	**1**	1.0	0.36	1/16/2021 00:24	T
2-Butanone (MEK)	**0.33**	**U**	**ug/L**	**1**	1.0	0.33	1/16/2021 00:24	T
2-Hexanone	**0.42**	**U**	**ug/L**	**1**	1.0	0.42	1/16/2021 00:24	T
4-Methyl-2-pentanone (MIBK)	**0.40**	**U**	**ug/L**	**1**	1.0	0.40	1/16/2021 00:24	T
Acetone	**0.90**	**U**	**ug/L**	**1**	2.0	0.90	1/16/2021 00:24	T
Acrylonitrile	**0.38**	**U**	**ug/L**	**1**	5.0	0.38	1/16/2021 00:24	T
Benzene	**0.28**	**U**	**ug/L**	**1**	1.0	0.28	1/16/2021 00:24	T
Bromochloromethane	**0.33**	**U**	**ug/L**	**1**	1.0	0.33	1/16/2021 00:24	T
Bromodichloromethane	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:24	T
Bromoform	**0.36**	**U**	**ug/L**	**1**	1.0	0.36	1/16/2021 00:24	T
Bromomethane	**0.32**	**U**	**ug/L**	**1**	1.0	0.32	1/16/2021 00:24	T
Carbon Disulfide	**0.42**	**U**	**ug/L**	**1**	1.0	0.42	1/16/2021 00:24	T
Carbon Tetrachloride	**0.41**	**U**	**ug/L**	**1**	1.0	0.41	1/16/2021 00:24	T
Chlorobenzene	**0.38**	**U**	**ug/L**	**1**	1.0	0.38	1/16/2021 00:24	T
Chloroethane	**0.42**	**U**	**ug/L**	**1**	1.0	0.42	1/16/2021 00:24	T
Chloroform	**0.37**	**U**	**ug/L**	**1**	1.0	0.37	1/16/2021 00:24	T
Chloromethane	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:24	T
Dibromochloromethane	**0.36**	**U**	**ug/L**	**1**	1.0	0.36	1/16/2021 00:24	T
Dibromomethane	**0.41**	**U**	**ug/L**	**1**	1.0	0.41	1/16/2021 00:24	T
Ethylbenzene	**0.56**	**U**	**ug/L**	**1**	1.0	0.56	1/16/2021 00:24	T
Iodomethane (Methyl Iodide)	**0.83**	**U**	**ug/L**	**1**	1.0	0.83	1/16/2021 00:24	T
Methylene Chloride	**0.56**	**U**	**ug/L**	**1**	1.0	0.56	1/16/2021 00:24	T
Styrene	**0.29**	**U**	**ug/L**	**1**	1.0	0.29	1/16/2021 00:24	T
Tetrachloroethylene (PCE)	**1.9**		**ug/L**	**1**	1.0	0.45	1/16/2021 00:24	T
Toluene	**0.66**	**U**	**ug/L**	**1**	1.0	0.66	1/16/2021 00:24	T
Trichloroethene	**0.32**	**U**	**ug/L**	**1**	1.0	0.32	1/16/2021 00:24	T
Trichlorofluoromethane	**0.26**	**U**	**ug/L**	**1**	1.0	0.26	1/16/2021 00:24	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534003** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **TH-84** Date Collected: 01/08/21 14:43

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Vinyl Acetate	**0.37**	**U**	**ug/L**	**1**	1.0	0.37	1/16/2021 00:24	T
Vinyl Chloride	**0.44**	**U**	**ug/L**	**1**	1.0	0.44	1/16/2021 00:24	T
Xylene (Total)	**1.3**	**U**	**ug/L**	**1**	2.0	1.3	1/16/2021 00:24	T
cis-1,2-Dichloroethylene	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:24	T
cis-1,3-Dichloropropene	**0.26**	**U**	**ug/L**	**1**	1.0	0.26	1/16/2021 00:24	T
trans-1,2-Dichloroethylene	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:24	T
trans-1,3-Dichloropropylene	**0.26**	**U**	**ug/L**	**1**	1.0	0.26	1/16/2021 00:24	T
trans-1,4-Dichloro-2-butene	**0.46**	**U**	**ug/L**	**1**	1.0	0.46	1/16/2021 00:24	T
1,2-Dichloroethane-d4 (S)	**110**		**%**	**1**	70-128		1/16/2021 00:24	
Toluene-d8 (S)	**86**		**%**	**1**	77-119		1/16/2021 00:24	
Bromofluorobenzene (S)	**98**		**%**	**1**	86-123		1/16/2021 00:24	
Analysis Desc: 8260B SIM Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B (SIM)							
1,2-Dibromo-3-Chloropropane	**0.023**	**U**	**ug/L**	**1**	0.030	0.023	1/16/2021 00:24	T
Ethylene Dibromide (EDB)	**0.019**	**U**	**ug/L**	**1**	0.020	0.019	1/16/2021 00:24	T
1,2-Dichloroethane-d4 (S)	**110**		**%**	**1**	70-130		1/16/2021 00:24	
Toluene-d8 (S)	**86**		**%**	**1**	70-130		1/16/2021 00:24	
Bromofluorobenzene (S)	**98**		**%**	**1**	70-130		1/16/2021 00:24	
WET CHEMISTRY								
Analysis Desc: Ammonia,E350.1,Water	Analytical Method: EPA 350.1							
Ammonia (N)	**0.37**		**mg/L**	**1**	0.030	0.015	1/18/2021 13:56	T
Analysis Desc: Tot Dissolved Solids,SM2540C	Analytical Method: SM 2540 C							
Total Dissolved Solids	**180**		**mg/L**	**1**	10	10	1/13/2021 10:30	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water	Analytical Method: SM 4500-Cl-E							
Chloride	**18**		**mg/L**	**2**	10	5.2	1/21/2021 11:32	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water	Analytical Method: SM 4500NO3-F							
Nitrate (as N)	**0.56**		**mg/L**	**1**	0.10	0.092	1/8/2021 17:11	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534004** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Field Blank** Date Collected: 01/08/21 10:02

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis,Water	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Beryllium	**0.0020**	**U**	**mg/L**	**1**	0.010	0.0020	1/11/2021 16:50	T
Iron	**0.0067**	**U**	**mg/L**	**1**	0.10	0.0067	1/11/2021 16:50	T
Sodium	**0.80**	**U**	**mg/L**	**1**	1.0	0.80	1/11/2021 16:50	T
Zinc	**0.050**	**U**	**mg/L**	**1**	0.10	0.050	1/11/2021 16:50	T
Analysis Desc: SW846 6020B Analysis,Total	Preparation Method: SW-846 3010A Analytical Method: SW-846 6020							
Antimony	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/25/2021 11:40	J
Arsenic	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:10	J
Barium	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/25/2021 11:40	J
Cadmium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:10	J
Chromium	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:10	J
Cobalt	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:10	J
Copper	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:10	J
Lead	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:10	J
Nickel	**0.0012**	**U**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:10	J
Selenium	**0.0012**	**U**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:10	J
Silver	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:10	J
Thallium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:10	J
Tin	**0.015**	**U**	**mg/L**	**1**	0.060	0.015	1/16/2021 02:10	J
Vanadium	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:10	J
Analysis Desc: SW846 7470A Analysis,Water	Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A							
Mercury	**0.000028**	**U**	**mg/L**	**1**	0.00010	0.000028	1/12/2021 10:47	T
SEMIVOLATILES								
Analysis Desc: 8081B Pesticide Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: EPA 8081							
4,4`-DDD	**0.029**	**U**	**ug/L**	**1**	0.051	0.029	1/14/2021 03:55	T
4,4`-DDE	**0.0070**	**U**	**ug/L**	**1**	0.051	0.0070	1/14/2021 03:55	T
4,4`-DDT	**0.016**	**U**	**ug/L**	**1**	0.051	0.016	1/14/2021 03:55	T
Aldrin	**0.015**	**U**	**ug/L**	**1**	0.051	0.015	1/14/2021 03:55	T
Chlordane (technical)	**0.39**	**U**	**ug/L**	**1**	0.51	0.39	1/14/2021 03:55	T
Dieldrin	**0.029**	**U**	**ug/L**	**1**	0.051	0.029	1/14/2021 03:55	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534004** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Field Blank** Date Collected: 01/08/21 10:02

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Endosulfan I	**0.0064**	**U**	**ug/L**	**1**	0.051	0.0064	1/14/2021 03:55	T
Endosulfan II	**0.0065**	**U**	**ug/L**	**1**	0.051	0.0065	1/14/2021 03:55	T
Endosulfan Sulfate	**0.026**	**U**	**ug/L**	**1**	0.051	0.026	1/14/2021 03:55	T
Endrin	**0.010**	**U**	**ug/L**	**1**	0.051	0.010	1/14/2021 03:55	T
Endrin Aldehyde	**0.019**	**U**	**ug/L**	**1**	0.051	0.019	1/14/2021 03:55	T
Heptachlor	**0.021**	**U**	**ug/L**	**1**	0.051	0.021	1/14/2021 03:55	T
Heptachlor Epoxide	**0.016**	**U**	**ug/L**	**1**	0.051	0.016	1/14/2021 03:55	T
Methoxychlor	**0.0043**	**U**	**ug/L**	**1**	0.051	0.0043	1/14/2021 03:55	T
Toxaphene	**0.44**	**U**	**ug/L**	**1**	0.51	0.44	1/14/2021 03:55	T
alpha-BHC	**0.0038**	**U**	**ug/L**	**1**	0.051	0.0038	1/14/2021 03:55	T
beta-BHC	**0.015**	**U**	**ug/L**	**1**	0.051	0.015	1/14/2021 03:55	T
delta-BHC	**0.013**	**U**	**ug/L**	**1**	0.051	0.013	1/14/2021 03:55	T
gamma-BHC (Lindane)	**0.011**	**U**	**ug/L**	**1**	0.051	0.011	1/14/2021 03:55	T
Tetrachloro-m-xylene (S)	**76**		**%**	**1**	44-124		1/14/2021 03:55	
Decachlorobiphenyl (S)	**107**		**%**	**1**	48-137		1/14/2021 03:55	
Analysis Desc: 8151A Herbicides Analysis, Water	Preparation Method: 8151 Analytical Method: EPA 8151							
2,4,5-T	**2.0**	**U**	**ug/L**	**1**	8.0	2.0	1/15/2021 18:25	J
2,4-D	**2.0**	**U**	**ug/L**	**1**	8.0	2.0	1/15/2021 18:25	J
Silvex (2,4,5-TP)	**1.0**	**U**	**ug/L**	**1**	4.0	1.0	1/15/2021 18:25	J
2,4-Dichlorophenylacetic acid (S)	**91**		**%**	**1**	41-122		1/15/2021 18:25	J
Analysis Desc: 8082A PCB Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: SW-846 8082A							
Aroclor 1016 (PCB-1016)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:55	T
Aroclor 1221 (PCB-1221)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:55	T
Aroclor 1232 (PCB-1232)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:55	T
Aroclor 1242 (PCB-1242)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:55	T
Aroclor 1248 (PCB-1248)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:55	T
Aroclor 1254 (PCB-1254)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:55	T
Aroclor 1260 (PCB-1260)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 03:55	T
Tetrachloro-m-xylene (S)	**76**		**%**	**1**	61-119		1/14/2021 03:55	
Decachlorobiphenyl (S)	**107**		**%**	**1**	44-136		1/14/2021 03:55	
Analysis Desc: 8270C Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: SW-846 8270C							
1,2,4,5-Tetrachlorobenzene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
1,2,4-Trichlorobenzene	**0.69**	**U**	**ug/L**	**1**	5.0	0.69	1/15/2021 19:43	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534004** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Field Blank** Date Collected: 01/08/21 10:02

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
1,3,5-Trinitrobenzene	**2.5**	**U**	**ug/L**	**1**	5.0	2.5	1/21/2021 20:51	J
1,3-Dinitrobenzene	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:43	J
1,4-Naphthoquinone	**4.8**	**U**	**ug/L**	**1**	5.0	4.8	1/15/2021 19:43	J
1,4-Phenylenediamine	**5.0**	**U**	**ug/L**	**1**	80	5.0	1/15/2021 19:43	J
1-Naphthylamine	**0.95**	**U**	**ug/L**	**1**	5.0	0.95	1/15/2021 19:43	J
2,3,4,6-Tetrachlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
2,4,5-Trichlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
2,4,6-Trichlorophenol	**1.4**	**U**	**ug/L**	**1**	5.0	1.4	1/15/2021 19:43	J
2,4-Dichlorophenol	**0.90**	**U**	**ug/L**	**1**	5.0	0.90	1/15/2021 19:43	J
2,4-Dimethylphenol	**2.6**	**U**	**ug/L**	**1**	5.0	2.6	1/15/2021 19:43	J
2,4-Dinitrophenol	**1.1**	**U**	**ug/L**	**1**	10	1.1	1/15/2021 19:43	J
2,4-Dinitrotoluene (2,4-DNT)	**1.8**	**U**	**ug/L**	**1**	5.0	1.8	1/15/2021 19:43	J
2,6-Dichlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
2,6-Dinitrotoluene (2,6-DNT)	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 19:43	J
2-Acetylaminofluorene	**3.5**	**U**	**ug/L**	**1**	5.0	3.5	1/15/2021 19:43	J
2-Chloronaphthalene	**1.7**	**U**	**ug/L**	**1**	5.0	1.7	1/15/2021 19:43	J
2-Chlorophenol	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:43	J
2-Methyl-4,6-dinitrophenol	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 19:43	J
2-Methylnaphthalene	**0.049**	**U**	**ug/L**	**1**	0.20	0.049	1/15/2021 19:43	J
2-Methylphenol (o-Cresol)	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:43	J
2-Naphthylamine	**0.89**	**U**	**ug/L**	**1**	5.0	0.89	1/15/2021 19:43	J
2-Nitroaniline	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:43	J
2-Nitrophenol	**0.63**	**U**	**ug/L**	**1**	5.0	0.63	1/15/2021 19:43	J
3+4-Methylphenol(mp-Cresol)	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/15/2021 19:43	J
3,3'-Dimethylbenzidine	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 19:43	J
3,3`-Dichlorobenzidine	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
3-Methylcholanthrene	**1.9**	**U**	**ug/L**	**1**	5.0	1.9	1/15/2021 19:43	J
3-Nitroaniline	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:43	J
4-Aminobiphenyl	**0.61**	**U**	**ug/L**	**1**	5.0	0.61	1/15/2021 19:43	J
4-Bromophenyl Phenyl Ether	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:43	J
4-Chloro-3-methylphenol	**0.63**	**U**	**ug/L**	**1**	5.0	0.63	1/15/2021 19:43	J
4-Chloroaniline	**0.90**	**U**	**ug/L**	**1**	5.0	0.90	1/15/2021 19:43	J
4-Chlorophenyl Phenyl Ether	**1.6**	**U**	**ug/L**	**1**	5.0	1.6	1/15/2021 19:43	J
4-Dimethyl aminoazobenzene	**0.73**	**U**	**ug/L**	**1**	5.0	0.73	1/15/2021 19:43	J
4-Nitroaniline	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
4-Nitrophenol	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/15/2021 19:43	J
5-Nitro-o-toluidine	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/15/2021 19:43	J
7,12-Dimethylbenz[a]anthracene	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:43	J
Acenaphthene	**0.040**	**U**	**ug/L**	**1**	0.20	0.040	1/15/2021 19:43	J
Acenaphthylene	**0.042**	**U**	**ug/L**	**1**	0.20	0.042	1/15/2021 19:43	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534004** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Field Blank** Date Collected: 01/08/21 10:02

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Acetophenone	**1.6**	**U**	**ug/L**	**1**	5.0	1.6	1/15/2021 19:43	J
Anthracene	**0.035**	**U**	**ug/L**	**1**	0.20	0.035	1/15/2021 19:43	J
Benzo[a]anthracene	**0.012**	**U**	**ug/L**	**1**	0.20	0.012	1/15/2021 19:43	J
Benzo[a]pyrene	**0.037**	**U**	**ug/L**	**1**	0.20	0.037	1/15/2021 19:43	J
Benzo[b]fluoranthene	**0.012**	**U**	**ug/L**	**1**	0.10	0.012	1/15/2021 19:43	J
Benzo[g,h,i]perylene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 19:43	J
Benzo[k]fluoranthene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 19:43	J
Benzyl Alcohol	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 19:43	J
Butyl benzyl phthalate	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:43	J
Chlorobenzilate	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 19:43	J
Chrysene	**0.033**	**U**	**ug/L**	**1**	0.20	0.033	1/15/2021 19:43	J
Di-n-Butyl Phthalate	**0.88**	**U**	**ug/L**	**1**	5.0	0.88	1/15/2021 19:43	J
Di-n-octyl Phthalate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 19:43	J
Diallate	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:43	J
Dibenzo[a,h]anthracene	**0.024**	**U**	**ug/L**	**1**	0.20	0.024	1/15/2021 19:43	J
Dibenzofuran	**0.069**	**U**	**ug/L**	**1**	5.0	0.069	1/15/2021 19:43	J
Diethyl phthalate	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:43	J
Dimethoate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 20:51	J
Dimethyl phthalate	**1.8**	**U**	**ug/L**	**1**	10	1.8	1/15/2021 19:43	J
Dinoseb	**2.3**	**U**	**ug/L**	**1**	5.0	2.3	1/21/2021 20:51	J
Diphenylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:43	J
Disulfoton	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/21/2021 20:51	J
Ethyl methanesulfonate	**0.91**	**U**	**ug/L**	**1**	5.0	0.91	1/15/2021 19:43	J
Famphur	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/21/2021 20:51	J
Fluoranthene	**0.037**	**U**	**ug/L**	**1**	0.20	0.037	1/15/2021 19:43	J
Fluorene	**0.038**	**U**	**ug/L**	**1**	0.20	0.038	1/15/2021 19:43	J
Hexachlorobenzene	**0.99**	**U**	**ug/L**	**1**	5.0	0.99	1/15/2021 19:43	J
Hexachlorobutadiene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
Hexachlorocyclopentadiene	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/15/2021 19:43	J
Hexachloroethane	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 19:43	J
Hexachloropropene	**2.7**	**U**	**ug/L**	**1**	5.0	2.7	1/15/2021 19:43	J
Indeno(1,2,3-cd)pyrene	**0.011**	**U**	**ug/L**	**1**	0.20	0.011	1/15/2021 19:43	J
Isodrin	**3.1**	**U**	**ug/L**	**1**	5.0	3.1	1/15/2021 19:43	J
Isophorone	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:43	J
Isosafrole	**3.2**	**U**	**ug/L**	**1**	5.0	3.2	1/15/2021 19:43	J
Kepone	**5.2**	**U**	**ug/L**	**1**	80	5.2	1/21/2021 20:51	J
Methapyrilene	**1.8**	**U**	**ug/L**	**1**	5.0	1.8	1/21/2021 20:51	J
Methyl Methanesulfonate	**0.67**	**U**	**ug/L**	**1**	5.0	0.67	1/15/2021 19:43	J
Methyl Parathion	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/21/2021 20:51	J
N-Nitrosodi-n-butylamine	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:43	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534004** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Field Blank** Date Collected: 01/08/21 10:02

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
N-Nitrosodi-n-propylamine	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/15/2021 19:43	J
N-Nitrosodiethylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:43	J
N-Nitrosodimethylamine	**0.93**	**U**	**ug/L**	**1**	5.0	0.93	1/15/2021 19:43	J
N-Nitrosodiphenylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:43	J
N-Nitrosomethylethylamine	**2.7**	**U**	**ug/L**	**1**	5.0	2.7	1/15/2021 19:43	J
N-Nitrosopiperidine	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
N-Nitrosopyrrolidine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 19:43	J
Naphthalene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 19:43	J
Nitrobenzene	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 19:43	J
Parathion (Ethyl)	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/21/2021 20:51	J
Pentachlorobenzene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 19:43	J
Pentachloronitrobenzene	**1.7**	**U**	**ug/L**	**1**	5.0	1.7	1/15/2021 19:43	J
Pentachlorophenol	**0.95**	**U**	**ug/L**	**1**	5.0	0.95	1/15/2021 19:43	J
Phenacetin	**3.2**	**U**	**ug/L**	**1**	5.0	3.2	1/15/2021 19:43	J
Phenanthrene	**0.040**	**U**	**ug/L**	**1**	0.20	0.040	1/15/2021 19:43	J
Phenol	**0.54**	**U**	**ug/L**	**1**	5.0	0.54	1/15/2021 19:43	J
Phorate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 20:51	J
Pronamide (Kerb)	**3.6**	**U**	**ug/L**	**1**	5.0	3.6	1/15/2021 19:43	J
Pyrene	**0.036**	**U**	**ug/L**	**1**	0.20	0.036	1/15/2021 19:43	J
Safrole	**3.5**	**U**	**ug/L**	**1**	5.0	3.5	1/15/2021 19:43	J
Thionazin (Zinophos)	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 20:51	J
bis(2-Chloroethoxy)methane	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 19:43	J
bis(2-Chloroethyl)Ether	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 19:43	J
bis(2-Chloroisopropyl) Ether	**1.4**	**U**	**ug/L**	**1**	5.0	1.4	1/15/2021 19:43	J
bis(2-Ethylhexyl) phthalate	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 19:43	J
o,o,o-Triethylphosphorothioate	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/21/2021 20:51	J
o-Toluidine	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 19:43	J
2-Fluorophenol (S)	**38**		**%**	**1**	31-134		1/15/2021 19:43	
Phenol-d6 (S)	**22**	**J4**	**%**	**1**	24-120		1/15/2021 19:43	
Nitrobenzene-d5 (S)	**82**		**%**	**1**	38-139		1/15/2021 19:43	
2-Fluorobiphenyl (S)	**79**		**%**	**1**	42-138		1/15/2021 19:43	
2,4,6-Tribromophenol (S)	**92**		**%**	**1**	48-147		1/15/2021 19:43	
p-Terphenyl-d14 (S)	**96**		**%**	**1**	61-154		1/15/2021 19:43	

VOLATILES

Analysis Desc: 8260B VOCs Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B							
1,1,1,2-Tetrachloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
1,1,1-Trichloroethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534004** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Field Blank** Date Collected: 01/08/21 10:02

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
1,1,2,2-Tetrachloroethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:48	J
1,1,2-Trichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
1,1-Dichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
1,1-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
1,1-Dichloropropene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
1,2,3-Trichloropropane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
1,2-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
1,2-Dichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
1,2-Dichloropropane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
1,3-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
1,3-Dichloropropane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:48	J
1,4-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
2,2-Dichloropropane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
2-Butanone (MEK)	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
2-Hexanone	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
4-Methyl-2-pentanone (MIBK)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Acetone	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Acetonitrile	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Acrolein (Propenal)	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/13/2021 18:48	J
Acrylonitrile	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Allyl Chloride(3-Chloropropene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Benzene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Bromochloromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Bromodichloromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Bromoform	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Bromomethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Carbon Disulfide	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Carbon Tetrachloride	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Chlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Chloroethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Chloroform	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Chloromethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Chloroprene	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/13/2021 18:48	J
Dibromochloromethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:48	J
Dibromomethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Dichlorodifluoromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Ethyl Methacrylate	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Ethylbenzene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Iodomethane (Methyl Iodide)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Isobutyl Alcohol	**2.5**	**U**	**ug/L**	**1**	10	2.5	1/13/2021 18:48	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534004** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Field Blank** Date Collected: 01/08/21 10:02

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Methacrylonitrile	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Methyl Methacrylate	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/13/2021 18:48	J
Methylene Chloride	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/13/2021 18:48	J
Propionitrile (Ethyl cyanide)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Styrene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Tetrachloroethylene (PCE)	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Toluene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Trichloroethene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Trichlorofluoromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Vinyl Acetate	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
Vinyl Chloride	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 18:48	J
Xylene (Total)	**0.75**	**U**	**ug/L**	**1**	3.0	0.75	1/13/2021 18:48	J
cis-1,2-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
cis-1,3-Dichloropropene	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:48	J
trans-1,2-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
trans-1,3-Dichloropropylene	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 18:48	J
trans-1,4-Dichloro-2-butene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 18:48	J
1,2-Dichloroethane-d4 (S)	**101**		**%**	**1**	70-128		1/13/2021 18:48	
Toluene-d8 (S)	**96**		**%**	**1**	77-119		1/13/2021 18:48	
Bromofluorobenzene (S)	**101**		**%**	**1**	86-123		1/13/2021 18:48	
Analysis Desc: 8260B SIM Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B (SIM)							
1,2-Dibromo-3-Chloropropane	**0.050**	**U**	**ug/L**	**1**	0.20	0.050	1/13/2021 18:48	J
Ethylene Dibromide (EDB)	**0.019**	**U**	**ug/L**	**1**	0.10	0.019	1/13/2021 18:48	J
1,2-Dichloroethane-d4 (S)	**97**		**%**	**1**	77-125		1/13/2021 18:48	
Toluene-d8 (S)	**94**		**%**	**1**	80-121		1/13/2021 18:48	
Bromofluorobenzene (S)	**100**		**%**	**1**	80-129		1/13/2021 18:48	
WET CHEMISTRY								
Analysis Desc: IC,E300.0,Water	Analytical Method: EPA 300.0							
Chloride	**1.0**	**U**	**mg/L**	**1**	5.0	1.0	1/14/2021 21:38	T
Sulfate	**1.0**	**U**	**mg/L**	**1**	5.0	1.0	1/14/2021 21:38	T
Analysis Desc: Ammonia,E350.1,Water	Analytical Method: EPA 350.1							
Ammonia (N)	**0.015**	**U**	**mg/L**	**1**	0.030	0.015	1/18/2021 13:48	T
Analysis Desc: Tot Dissolved Solids,SM2540C	Analytical Method: SM 2540 C							
Total Dissolved Solids	**10**	**U**	**mg/L**	**1**	10	10	1/14/2020 10:30	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534004** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Field Blank** Date Collected: 01/08/21 10:02

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Cyanide, SM4500-E, Water	Analytical Method: SM 4500-CN-E							
Cyanide	**0.0040**	**U**	**mg/L**	**1**	0.010	0.0040	1/19/2021 16:54	T
Analysis Desc: Sulfide,SM4500S-D,Aqueous	Analytical Method: SM 4500-S D							
Sulfide	**0.013**	**U**	**mg/L**	**1**	0.050	0.013	1/11/2021 13:15	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water	Analytical Method: SM 4500NO3-F							
Nitrate (as N)	**0.092**	**U**	**mg/L**	**1**	0.10	0.092	1/8/2021 17:08	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534005** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Duplicate** Date Collected: 01/08/21 00:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis,Water	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Beryllium	**0.0020**	**U**	**mg/L**	**1**	0.010	0.0020	1/11/2021 16:53	T
Iron	**0.0067**	**U**	**mg/L**	**1**	0.10	0.0067	1/11/2021 16:53	T
Sodium	**48**		**mg/L**	**1**	1.0	0.80	1/11/2021 16:53	T
Zinc	**0.050**	**U**	**mg/L**	**1**	0.10	0.050	1/11/2021 16:53	T
Analysis Desc: SW846 6020B Analysis,Total	Preparation Method: SW-846 3010A Analytical Method: SW-846 6020							
Antimony	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/25/2021 15:06	J
Arsenic	**0.00075**	**I**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:16	J
Barium	**0.0031**		**mg/L**	**1**	0.0020	0.00050	1/25/2021 15:06	J
Cadmium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:16	J
Chromium	**0.00065**	**I**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:16	J
Cobalt	**0.00095**	**I**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:16	J
Copper	**0.0039**	**I**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:16	J
Lead	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:16	J
Nickel	**0.0063**		**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:16	J
Selenium	**0.0020**	**I**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:16	J
Silver	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:16	J
Thallium	**0.00051**	**I**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:16	J
Tin	**0.015**	**U**	**mg/L**	**1**	0.060	0.015	1/16/2021 02:16	J
Vanadium	**0.20**		**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:16	J
Analysis Desc: SW846 7470A Analysis,Water	Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A							
Mercury	**0.000028**	**U**	**mg/L**	**1**	0.00010	0.000028	1/12/2021 10:51	T
SEMIVOLATILES								
Analysis Desc: 8081B Pesticide Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: EPA 8081							
4,4`-DDD	**0.028**	**U**	**ug/L**	**1**	0.050	0.028	1/14/2021 04:11	T
4,4`-DDE	**0.0069**	**U**	**ug/L**	**1**	0.050	0.0069	1/14/2021 04:11	T
4,4`-DDT	**0.015**	**U**	**ug/L**	**1**	0.050	0.015	1/14/2021 04:11	T
Aldrin	**0.015**	**U**	**ug/L**	**1**	0.050	0.015	1/14/2021 04:11	T
Chlordane (technical)	**0.38**	**U**	**ug/L**	**1**	0.50	0.38	1/14/2021 04:11	T
Dieldrin	**0.029**	**U**	**ug/L**	**1**	0.050	0.029	1/14/2021 04:11	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534005** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Duplicate** Date Collected: 01/08/21 00:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Endosulfan I	**0.0063**	**U**	**ug/L**	**1**	0.050	0.0063	1/14/2021 04:11	T
Endosulfan II	**0.0064**	**U**	**ug/L**	**1**	0.050	0.0064	1/14/2021 04:11	T
Endosulfan Sulfate	**0.026**	**U**	**ug/L**	**1**	0.050	0.026	1/14/2021 04:11	T
Endrin	**0.0098**	**U**	**ug/L**	**1**	0.050	0.0098	1/14/2021 04:11	T
Endrin Aldehyde	**0.019**	**U**	**ug/L**	**1**	0.050	0.019	1/14/2021 04:11	T
Heptachlor	**0.020**	**U**	**ug/L**	**1**	0.050	0.020	1/14/2021 04:11	T
Heptachlor Epoxide	**0.015**	**U**	**ug/L**	**1**	0.050	0.015	1/14/2021 04:11	T
Methoxychlor	**0.013**	**I**	**ug/L**	**1**	0.050	0.0042	1/14/2021 04:11	T
Toxaphene	**0.43**	**U**	**ug/L**	**1**	0.50	0.43	1/14/2021 04:11	T
alpha-BHC	**0.0037**	**U**	**ug/L**	**1**	0.050	0.0037	1/14/2021 04:11	T
beta-BHC	**0.015**	**U**	**ug/L**	**1**	0.050	0.015	1/14/2021 04:11	T
delta-BHC	**0.012**	**U**	**ug/L**	**1**	0.050	0.012	1/14/2021 04:11	T
gamma-BHC (Lindane)	**0.011**	**U**	**ug/L**	**1**	0.050	0.011	1/14/2021 04:11	T
Tetrachloro-m-xylene (S)	**119**		**%**	**1**	44-124		1/14/2021 04:11	
Decachlorobiphenyl (S)	**114**		**%**	**1**	48-137		1/14/2021 04:11	
Analysis Desc: 8151A Herbicides Analysis, Water	Preparation Method: 8151 Analytical Method: EPA 8151							
2,4,5-T	**2.0**	**U**	**ug/L**	**1**	8.0	2.0	1/15/2021 18:59	J
2,4-D	**2.0**	**U**	**ug/L**	**1**	8.0	2.0	1/15/2021 18:59	J
Silvex (2,4,5-TP)	**1.0**	**U**	**ug/L**	**1**	4.0	1.0	1/15/2021 18:59	J
2,4-Dichlorophenylacetic acid (S)	**42**		**%**	**1**	41-122		1/15/2021 18:59	J
Analysis Desc: 8082A PCB Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: SW-846 8082A							
Aroclor 1016 (PCB-1016)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 04:11	T
Aroclor 1221 (PCB-1221)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 04:11	T
Aroclor 1232 (PCB-1232)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 04:11	T
Aroclor 1242 (PCB-1242)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 04:11	T
Aroclor 1248 (PCB-1248)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 04:11	T
Aroclor 1254 (PCB-1254)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 04:11	T
Aroclor 1260 (PCB-1260)	**0.14**	**U**	**ug/L**	**1**	0.20	0.14	1/14/2021 04:11	T
Tetrachloro-m-xylene (S)	**119**		**%**	**1**	61-119		1/14/2021 04:11	
Decachlorobiphenyl (S)	**114**		**%**	**1**	44-136		1/14/2021 04:11	
Analysis Desc: 8270C Analysis, Water	Preparation Method: SW-846 3510C Analytical Method: SW-846 8270C							
1,2,4,5-Tetrachlorobenzene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
1,2,4-Trichlorobenzene	**0.69**	**U**	**ug/L**	**1**	5.0	0.69	1/15/2021 20:58	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534005** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Duplicate** Date Collected: 01/08/21 00:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
1,3,5-Trinitrobenzene	**2.5**	**U**	**ug/L**	**1**	5.0	2.5	1/21/2021 21:28	J
1,3-Dinitrobenzene	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 20:58	J
1,4-Naphthoquinone	**4.8**	**U**	**ug/L**	**1**	5.0	4.8	1/15/2021 20:58	J
1,4-Phenylenediamine	**5.0**	**U**	**ug/L**	**1**	80	5.0	1/15/2021 20:58	J
1-Naphthylamine	**0.95**	**U**	**ug/L**	**1**	5.0	0.95	1/15/2021 20:58	J
2,3,4,6-Tetrachlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
2,4,5-Trichlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
2,4,6-Trichlorophenol	**1.4**	**U**	**ug/L**	**1**	5.0	1.4	1/15/2021 20:58	J
2,4-Dichlorophenol	**0.90**	**U**	**ug/L**	**1**	5.0	0.90	1/15/2021 20:58	J
2,4-Dimethylphenol	**2.6**	**U**	**ug/L**	**1**	5.0	2.6	1/15/2021 20:58	J
2,4-Dinitrophenol	**1.1**	**U**	**ug/L**	**1**	10	1.1	1/15/2021 20:58	J
2,4-Dinitrotoluene (2,4-DNT)	**1.8**	**U**	**ug/L**	**1**	5.0	1.8	1/15/2021 20:58	J
2,6-Dichlorophenol	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
2,6-Dinitrotoluene (2,6-DNT)	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 20:58	J
2-Acetylaminofluorene	**3.5**	**U**	**ug/L**	**1**	5.0	3.5	1/15/2021 20:58	J
2-Chloronaphthalene	**1.7**	**U**	**ug/L**	**1**	5.0	1.7	1/15/2021 20:58	J
2-Chlorophenol	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 20:58	J
2-Methyl-4,6-dinitrophenol	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 20:58	J
2-Methylnaphthalene	**0.049**	**U**	**ug/L**	**1**	0.20	0.049	1/15/2021 20:58	J
2-Methylphenol (o-Cresol)	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 20:58	J
2-Naphthylamine	**0.89**	**U**	**ug/L**	**1**	5.0	0.89	1/15/2021 20:58	J
2-Nitroaniline	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 20:58	J
2-Nitrophenol	**0.63**	**U**	**ug/L**	**1**	5.0	0.63	1/15/2021 20:58	J
3+4-Methylphenol(mp-Cresol)	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/15/2021 20:58	J
3,3'-Dimethylbenzidine	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 20:58	J
3,3`-Dichlorobenzidine	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
3-Methylcholanthrene	**1.9**	**U**	**ug/L**	**1**	5.0	1.9	1/15/2021 20:58	J
3-Nitroaniline	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 20:58	J
4-Aminobiphenyl	**0.61**	**U**	**ug/L**	**1**	5.0	0.61	1/15/2021 20:58	J
4-Bromophenyl Phenyl Ether	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 20:58	J
4-Chloro-3-methylphenol	**0.63**	**U**	**ug/L**	**1**	5.0	0.63	1/15/2021 20:58	J
4-Chloroaniline	**0.90**	**U**	**ug/L**	**1**	5.0	0.90	1/15/2021 20:58	J
4-Chlorophenyl Phenyl Ether	**1.6**	**U**	**ug/L**	**1**	5.0	1.6	1/15/2021 20:58	J
4-Dimethyl aminoazobenzene	**0.73**	**U**	**ug/L**	**1**	5.0	0.73	1/15/2021 20:58	J
4-Nitroaniline	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
4-Nitrophenol	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/15/2021 20:58	J
5-Nitro-o-toluidine	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/15/2021 20:58	J
7,12-Dimethylbenz[a]anthracene	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 20:58	J
Acenaphthene	**0.040**	**U**	**ug/L**	**1**	0.20	0.040	1/15/2021 20:58	J
Acenaphthylene	**0.042**	**U**	**ug/L**	**1**	0.20	0.042	1/15/2021 20:58	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534005** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Duplicate** Date Collected: 01/08/21 00:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Acetophenone	**1.6**	**U**	**ug/L**	**1**	5.0	1.6	1/15/2021 20:58	J
Anthracene	**0.035**	**U**	**ug/L**	**1**	0.20	0.035	1/15/2021 20:58	J
Benzo[a]anthracene	**0.012**	**U**	**ug/L**	**1**	0.20	0.012	1/15/2021 20:58	J
Benzo[a]pyrene	**0.037**	**U**	**ug/L**	**1**	0.20	0.037	1/15/2021 20:58	J
Benzo[b]fluoranthene	**0.012**	**U**	**ug/L**	**1**	0.10	0.012	1/15/2021 20:58	J
Benzo[g,h,i]perylene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 20:58	J
Benzo[k]fluoranthene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 20:58	J
Benzyl Alcohol	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 20:58	J
Butyl benzyl phthalate	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 20:58	J
Chlorobenzilate	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 20:58	J
Chrysene	**0.033**	**U**	**ug/L**	**1**	0.20	0.033	1/15/2021 20:58	J
Di-n-Butyl Phthalate	**0.88**	**U**	**ug/L**	**1**	5.0	0.88	1/15/2021 20:58	J
Di-n-octyl Phthalate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 20:58	J
Diallate	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 20:58	J
Dibenzo[a,h]anthracene	**0.024**	**U**	**ug/L**	**1**	0.20	0.024	1/15/2021 20:58	J
Dibenzofuran	**0.069**	**U**	**ug/L**	**1**	5.0	0.069	1/15/2021 20:58	J
Diethyl phthalate	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 20:58	J
Dimethoate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 21:28	J
Dimethyl phthalate	**1.8**	**U**	**ug/L**	**1**	10	1.8	1/15/2021 20:58	J
Dinoseb	**2.3**	**U**	**ug/L**	**1**	5.0	2.3	1/21/2021 21:28	J
Diphenylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 20:58	J
Disulfoton	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/21/2021 21:28	J
Ethyl methanesulfonate	**0.91**	**U**	**ug/L**	**1**	5.0	0.91	1/15/2021 20:58	J
Famphur	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/21/2021 21:28	J
Fluoranthene	**0.037**	**U**	**ug/L**	**1**	0.20	0.037	1/15/2021 20:58	J
Fluorene	**0.038**	**U**	**ug/L**	**1**	0.20	0.038	1/15/2021 20:58	J
Hexachlorobenzene	**0.99**	**U**	**ug/L**	**1**	5.0	0.99	1/15/2021 20:58	J
Hexachlorobutadiene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
Hexachlorocyclopentadiene	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/15/2021 20:58	J
Hexachloroethane	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 20:58	J
Hexachloropropene	**2.7**	**U**	**ug/L**	**1**	5.0	2.7	1/15/2021 20:58	J
Indeno(1,2,3-cd)pyrene	**0.011**	**U**	**ug/L**	**1**	0.20	0.011	1/15/2021 20:58	J
Isodrin	**3.1**	**U**	**ug/L**	**1**	5.0	3.1	1/15/2021 20:58	J
Isophorone	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 20:58	J
Isosafrole	**3.2**	**U**	**ug/L**	**1**	5.0	3.2	1/15/2021 20:58	J
Kepone	**5.2**	**U**	**ug/L**	**1**	80	5.2	1/21/2021 21:28	J
Methapyrilene	**1.8**	**U**	**ug/L**	**1**	5.0	1.8	1/21/2021 21:28	J
Methyl Methanesulfonate	**0.67**	**U**	**ug/L**	**1**	5.0	0.67	1/15/2021 20:58	J
Methyl Parathion	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/21/2021 21:28	J
N-Nitrosodi-n-butylamine	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 20:58	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534005** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Duplicate** Date Collected: 01/08/21 00:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
N-Nitrosodi-n-propylamine	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/15/2021 20:58	J
N-Nitrosodiethylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 20:58	J
N-Nitrosodimethylamine	**0.93**	**U**	**ug/L**	**1**	5.0	0.93	1/15/2021 20:58	J
N-Nitrosodiphenylamine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 20:58	J
N-Nitrosomethylethylamine	**2.7**	**U**	**ug/L**	**1**	5.0	2.7	1/15/2021 20:58	J
N-Nitrosopiperidine	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
N-Nitrosopyrrolidine	**2.1**	**U**	**ug/L**	**1**	5.0	2.1	1/15/2021 20:58	J
Naphthalene	**0.048**	**U**	**ug/L**	**1**	0.20	0.048	1/15/2021 20:58	J
Nitrobenzene	**1.1**	**U**	**ug/L**	**1**	5.0	1.1	1/15/2021 20:58	J
Parathion (Ethyl)	**2.2**	**U**	**ug/L**	**1**	5.0	2.2	1/21/2021 21:28	J^
Pentachlorobenzene	**1.3**	**U**	**ug/L**	**1**	5.0	1.3	1/15/2021 20:58	J
Pentachloronitrobenzene	**1.7**	**U**	**ug/L**	**1**	5.0	1.7	1/15/2021 20:58	J
Pentachlorophenol	**0.95**	**U**	**ug/L**	**1**	5.0	0.95	1/15/2021 20:58	J
Phenacetin	**3.2**	**U**	**ug/L**	**1**	5.0	3.2	1/15/2021 20:58	J
Phenanthrene	**0.040**	**U**	**ug/L**	**1**	0.20	0.040	1/15/2021 20:58	J
Phenol	**0.54**	**U**	**ug/L**	**1**	5.0	0.54	1/15/2021 20:58	J
Phorate	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 21:28	J
Pronamide (Kerb)	**3.6**	**U**	**ug/L**	**1**	5.0	3.6	1/15/2021 20:58	J
Pyrene	**0.036**	**U**	**ug/L**	**1**	0.20	0.036	1/15/2021 20:58	J
Safrole	**3.5**	**U**	**ug/L**	**1**	5.0	3.5	1/15/2021 20:58	J
Thionazin (Zinophos)	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/21/2021 21:28	J
bis(2-Chloroethoxy)methane	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/15/2021 20:58	J
bis(2-Chloroethyl)Ether	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/15/2021 20:58	J
bis(2-Chloroisopropyl) Ether	**1.4**	**U**	**ug/L**	**1**	5.0	1.4	1/15/2021 20:58	J
bis(2-Ethylhexyl) phthalate	**2.0**	**U**	**ug/L**	**1**	5.0	2.0	1/15/2021 20:58	J
o,o,o-Triethylphosphorothioate	**2.9**	**U**	**ug/L**	**1**	5.0	2.9	1/21/2021 21:28	J
o-Toluidine	**2.4**	**U**	**ug/L**	**1**	5.0	2.4	1/15/2021 20:58	J
2-Fluorophenol (S)	**38**		**%**	**1**	31-134		1/15/2021 20:58	
Phenol-d6 (S)	**23**	**J4**	**%**	**1**	24-120		1/15/2021 20:58	
Nitrobenzene-d5 (S)	**87**		**%**	**1**	38-139		1/15/2021 20:58	
2-Fluorobiphenyl (S)	**85**		**%**	**1**	42-138		1/15/2021 20:58	
2,4,6-Tribromophenol (S)	**94**		**%**	**1**	48-147		1/15/2021 20:58	
p-Terphenyl-d14 (S)	**97**		**%**	**1**	61-154		1/15/2021 20:58	

VOLATILES

Analysis Desc: 8260B VOCs Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B							
1,1,1,2-Tetrachloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
1,1,1-Trichloroethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534005** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Duplicate** Date Collected: 01/08/21 00:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
1,1,2,2-Tetrachloroethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:22	J
1,1,2-Trichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
1,1-Dichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
1,1-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
1,1-Dichloropropene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
1,2,3-Trichloropropane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
1,2-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
1,2-Dichloroethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
1,2-Dichloropropane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
1,3-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
1,3-Dichloropropane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:22	J
1,4-Dichlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
2,2-Dichloropropane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
2-Butanone (MEK)	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
2-Hexanone	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
4-Methyl-2-pentanone (MIBK)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Acetone	**1.0**	**I**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Acetonitrile	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Acrolein (Propenal)	**1.5**	**U**	**ug/L**	**1**	5.0	1.5	1/13/2021 17:22	J
Acrylonitrile	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Allyl Chloride(3-Chloropropene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Benzene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Bromochloromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Bromodichloromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Bromoform	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Bromomethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Carbon Disulfide	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Carbon Tetrachloride	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Chlorobenzene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Chloroethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Chloroform	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Chloromethane	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Chloroprene	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/13/2021 17:22	J
Dibromochloromethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:22	J
Dibromomethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Dichlorodifluoromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Ethyl Methacrylate	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Ethylbenzene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Iodomethane (Methyl Iodide)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Isobutyl Alcohol	**2.5**	**U**	**ug/L**	**1**	10	2.5	1/13/2021 17:22	J

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534005** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Duplicate** Date Collected: 01/08/21 00:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Methacrylonitrile	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Methyl Methacrylate	**1.0**	**U**	**ug/L**	**1**	5.0	1.0	1/13/2021 17:22	J
Methylene Chloride	**1.2**	**U**	**ug/L**	**1**	5.0	1.2	1/13/2021 17:22	J
Propionitrile (Ethyl cyanide)	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Styrene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Tetrachloroethylene (PCE)	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Toluene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Trichloroethene	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Trichlorofluoromethane	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Vinyl Acetate	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
Vinyl Chloride	**0.25**	**U**	**ug/L**	**1**	1.0	0.25	1/13/2021 17:22	J
Xylene (Total)	**0.75**	**U**	**ug/L**	**1**	3.0	0.75	1/13/2021 17:22	J
cis-1,2-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
cis-1,3-Dichloropropene	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:22	J
trans-1,2-Dichloroethylene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
trans-1,3-Dichloropropylene	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/13/2021 17:22	J
trans-1,4-Dichloro-2-butene	**0.50**	**U**	**ug/L**	**1**	2.0	0.50	1/13/2021 17:22	J
1,2-Dichloroethane-d4 (S)	**101**		**%**	**1**	70-128		1/13/2021 17:22	
Toluene-d8 (S)	**97**		**%**	**1**	77-119		1/13/2021 17:22	
Bromofluorobenzene (S)	**103**		**%**	**1**	86-123		1/13/2021 17:22	
Analysis Desc: 8260B SIM Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B (SIM)							
1,2-Dibromo-3-Chloropropane	**0.050**	**U**	**ug/L**	**1**	0.20	0.050	1/13/2021 17:22	J
Ethylene Dibromide (EDB)	**0.019**	**U**	**ug/L**	**1**	0.10	0.019	1/13/2021 17:22	J
1,2-Dichloroethane-d4 (S)	**97**		**%**	**1**	77-125		1/13/2021 17:22	
Toluene-d8 (S)	**95**		**%**	**1**	80-121		1/13/2021 17:22	
Bromofluorobenzene (S)	**102**		**%**	**1**	80-129		1/13/2021 17:22	
WET CHEMISTRY								
Analysis Desc: IC,E300.0,Water	Analytical Method: EPA 300.0							
Chloride	**83**		**mg/L**	**2**	10	2.0	1/14/2021 21:54	T
Sulfate	**5.9**	**I**	**mg/L**	**2**	10	2.0	1/14/2021 21:54	T
Analysis Desc: Ammonia,E350.1,Water	Analytical Method: EPA 350.1							
Ammonia (N)	**1.7**		**mg/L**	**1**	0.030	0.015	1/18/2021 14:03	T
Analysis Desc: Tot Dissolved Solids,SM2540C	Analytical Method: SM 2540 C							
Total Dissolved Solids	**290**		**mg/L**	**1**	10	10	1/14/2020 10:30	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534005** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Duplicate** Date Collected: 01/08/21 00:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Cyanide, SM4500-E, Water	Analytical Method: SM 4500-CN-E							
Cyanide	**0.0040**	**U**	**mg/L**	**1**	0.010	0.0040	1/19/2021 16:56	T
Analysis Desc: Sulfide,SM4500S-D,Aqueous	Analytical Method: SM 4500-S D							
Sulfide	**0.019**	**I**	**mg/L**	**1**	0.050	0.013	1/11/2021 13:05	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water	Analytical Method: SM 4500NO3-F							
Nitrate (as N)	**0.11**		**mg/L**	**1**	0.10	0.092	1/8/2021 17:10	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534006** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Equipment Blank** Date Collected: 01/08/21 14:25

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis,Water	Preparation Method: SW-846 3010A Analytical Method: SW-846 6010							
Beryllium	**0.0020**	**U**	**mg/L**	**1**	0.010	0.0020	1/11/2021 17:02	T
Iron	**0.0067**	**U**	**mg/L**	**1**	0.10	0.0067	1/11/2021 17:02	T
Sodium	**0.80**	**U**	**mg/L**	**1**	1.0	0.80	1/11/2021 17:02	T
Zinc	**0.050**	**U**	**mg/L**	**1**	0.10	0.050	1/11/2021 17:02	T
Analysis Desc: SW846 6020B Analysis,Total	Preparation Method: SW-846 3010A Analytical Method: SW-846 6020							
Antimony	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/25/2021 15:11	J
Arsenic	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:31	J
Barium	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/25/2021 15:11	J
Cadmium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:31	J
Chromium	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:31	J
Cobalt	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:31	J
Copper	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:31	J
Lead	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:31	J
Nickel	**0.0012**	**U**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:31	J
Selenium	**0.0012**	**U**	**mg/L**	**1**	0.0050	0.0012	1/16/2021 02:31	J
Silver	**0.00050**	**U**	**mg/L**	**1**	0.0020	0.00050	1/16/2021 02:31	J
Thallium	**0.00025**	**U**	**mg/L**	**1**	0.0010	0.00025	1/16/2021 02:31	J
Vanadium	**0.0010**	**U**	**mg/L**	**1**	0.0040	0.0010	1/16/2021 02:31	J
Analysis Desc: SW846 7470A Analysis,Water	Preparation Method: SW-846 7470A Analytical Method: SW-846 7470A							
Mercury	**0.000028**	**U**	**mg/L**	**1**	0.00010	0.000028	1/12/2021 10:54	T
VOLATILES								
Analysis Desc: 8260B VOCs Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B							
1,1,1,2-Tetrachloroethane	**0.47**	**U**	**ug/L**	**1**	1.0	0.47	1/16/2021 00:50	T
1,1,1-Trichloroethane	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:50	T
1,1,2,2-Tetrachloroethane	**0.20**	**U**	**ug/L**	**1**	1.0	0.20	1/16/2021 00:50	T
1,1,2-Trichloroethane	**0.40**	**U**	**ug/L**	**1**	1.0	0.40	1/16/2021 00:50	T
1,1-Dichloroethane	**0.38**	**U**	**ug/L**	**1**	1.0	0.38	1/16/2021 00:50	T
1,1-Dichloroethylene	**0.41**	**U**	**ug/L**	**1**	1.0	0.41	1/16/2021 00:50	T
1,2,3-Trichloropropane	**0.22**	**U**	**ug/L**	**1**	1.0	0.22	1/16/2021 00:50	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534006** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Equipment Blank** Date Collected: 01/08/21 14:25

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
1,2-Dichlorobenzene	**0.44**	**U**	**ug/L**	**1**	1.0	0.44	1/16/2021 00:50	T
1,2-Dichloroethane	**0.40**	**U**	**ug/L**	**1**	1.0	0.40	1/16/2021 00:50	T
1,2-Dichloropropane	**0.18**	**U**	**ug/L**	**1**	1.0	0.18	1/16/2021 00:50	T
1,4-Dichlorobenzene	**0.36**	**U**	**ug/L**	**1**	1.0	0.36	1/16/2021 00:50	T
2-Butanone (MEK)	**0.33**	**U**	**ug/L**	**1**	1.0	0.33	1/16/2021 00:50	T
2-Hexanone	**0.42**	**U**	**ug/L**	**1**	1.0	0.42	1/16/2021 00:50	T
4-Methyl-2-pentanone (MIBK)	**0.40**	**U**	**ug/L**	**1**	1.0	0.40	1/16/2021 00:50	T
Acetone	**0.90**	**U**	**ug/L**	**1**	2.0	0.90	1/16/2021 00:50	T
Acrylonitrile	**0.38**	**U**	**ug/L**	**1**	5.0	0.38	1/16/2021 00:50	T
Benzene	**0.28**	**U**	**ug/L**	**1**	1.0	0.28	1/16/2021 00:50	T
Bromochloromethane	**0.33**	**U**	**ug/L**	**1**	1.0	0.33	1/16/2021 00:50	T
Bromodichloromethane	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:50	T
Bromoform	**0.36**	**U**	**ug/L**	**1**	1.0	0.36	1/16/2021 00:50	T
Bromomethane	**0.32**	**U**	**ug/L**	**1**	1.0	0.32	1/16/2021 00:50	T
Carbon Disulfide	**0.42**	**U**	**ug/L**	**1**	1.0	0.42	1/16/2021 00:50	T
Carbon Tetrachloride	**0.41**	**U**	**ug/L**	**1**	1.0	0.41	1/16/2021 00:50	T
Chlorobenzene	**0.38**	**U**	**ug/L**	**1**	1.0	0.38	1/16/2021 00:50	T
Chloroethane	**0.42**	**U**	**ug/L**	**1**	1.0	0.42	1/16/2021 00:50	T
Chloroform	**0.37**	**U**	**ug/L**	**1**	1.0	0.37	1/16/2021 00:50	T
Chloromethane	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:50	T
Dibromochloromethane	**0.36**	**U**	**ug/L**	**1**	1.0	0.36	1/16/2021 00:50	T
Dibromomethane	**0.41**	**U**	**ug/L**	**1**	1.0	0.41	1/16/2021 00:50	T
Ethylbenzene	**0.56**	**U**	**ug/L**	**1**	1.0	0.56	1/16/2021 00:50	T
Iodomethane (Methyl Iodide)	**0.83**	**U**	**ug/L**	**1**	1.0	0.83	1/16/2021 00:50	T
Methylene Chloride	**0.56**	**U**	**ug/L**	**1**	1.0	0.56	1/16/2021 00:50	T
Styrene	**0.29**	**U**	**ug/L**	**1**	1.0	0.29	1/16/2021 00:50	T
Tetrachloroethylene (PCE)	**2.2**		**ug/L**	**1**	1.0	0.45	1/16/2021 00:50	T
Toluene	**0.66**	**U**	**ug/L**	**1**	1.0	0.66	1/16/2021 00:50	T
Trichloroethene	**0.32**	**U**	**ug/L**	**1**	1.0	0.32	1/16/2021 00:50	T
Trichlorofluoromethane	**0.26**	**U**	**ug/L**	**1**	1.0	0.26	1/16/2021 00:50	T
Vinyl Acetate	**0.37**	**U**	**ug/L**	**1**	1.0	0.37	1/16/2021 00:50	T
Vinyl Chloride	**0.44**	**U**	**ug/L**	**1**	1.0	0.44	1/16/2021 00:50	T
Xylene (Total)	**1.3**	**U**	**ug/L**	**1**	2.0	1.3	1/16/2021 00:50	T
cis-1,2-Dichloroethylene	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:50	T
cis-1,3-Dichloropropene	**0.26**	**U**	**ug/L**	**1**	1.0	0.26	1/16/2021 00:50	T
trans-1,2-Dichloroethylene	**0.39**	**U**	**ug/L**	**1**	1.0	0.39	1/16/2021 00:50	T
trans-1,3-Dichloropropylene	**0.26**	**U**	**ug/L**	**1**	1.0	0.26	1/16/2021 00:50	T
trans-1,4-Dichloro-2-butene	**0.46**	**U**	**ug/L**	**1**	1.0	0.46	1/16/2021 00:50	T
1,2-Dichloroethane-d4 (S)	**108**		**%**	**1**	70-128		1/16/2021 00:50	
Toluene-d8 (S)	**86**		**%**	**1**	77-119		1/16/2021 00:50	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID: **T2100534006** Date Received: 01/08/21 15:57 Matrix: Water

Sample ID: **Equipment Blank** Date Collected: 01/08/21 14:25

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Bromofluorobenzene (S)	**95**		**%**	**1**	86-123		1/16/2021 00:50	
Analysis Desc: 8260B SIM Analysis, Water	Preparation Method: SW-846 5030B Analytical Method: SW-846 8260B (SIM)							
1,2-Dibromo-3-Chloropropane	**0.023**	**U**	**ug/L**	**1**	0.030	0.023	1/16/2021 00:50	T
Ethylene Dibromide (EDB)	**0.019**	**U**	**ug/L**	**1**	0.020	0.019	1/16/2021 00:50	T
1,2-Dichloroethane-d4 (S)	**108**		**%**	**1**	70-130		1/16/2021 00:50	
Toluene-d8 (S)	**86**		**%**	**1**	70-130		1/16/2021 00:50	
Bromofluorobenzene (S)	**95**		**%**	**1**	70-130		1/16/2021 00:50	
WET CHEMISTRY								
Analysis Desc: Ammonia,E350.1,Water	Analytical Method: EPA 350.1							
Ammonia (N)	**0.015**	**U**	**mg/L**	**1**	0.030	0.015	1/18/2021 14:02	T
Analysis Desc: Tot Dissolved Solids,SM2540C	Analytical Method: SM 2540 C							
Total Dissolved Solids	**10**	**U**	**mg/L**	**1**	10	10	1/14/2020 10:30	T
Analysis Desc: Chlorides,SM4500-Cl-E,Water	Analytical Method: SM 4500-Cl-E							
Chloride	**2.6**	**U**	**mg/L**	**1**	5.0	2.6	1/21/2021 11:37	T
Analysis Desc: Nitrate,Nitrite SM4500NO3F,Water	Analytical Method: SM 4500NO3-F							
Nitrate (as N)	**0.092**	**U**	**mg/L**	**1**	0.10	0.092	1/8/2021 17:08	T

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

ANALYTICAL RESULTS QUALIFIERS

Workorder: T2100534 SELF Sup. Site Assessment

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

LAB QUALIFIERS

J	DOH Certification #E82574(AEL-JAX)(FL NELAC Certification)
J^	Not Certified
T	DOH Certification #E84589(AEL-T)(FL NELAC Certification)
T^	Not Certified

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

QC Batch: DGMt/1028 Analysis Method: SW-846 6010

QC Batch Method: SW-846 3010A Prepared: 01/11/2021 07:20

Associated Lab Samples: T2100534001, T2100534002, T2100534003, T2100534004, T2100534005, T2100534006

METHOD BLANK: 3748155

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Beryllium	mg/L	0.0020	0.0020	U
Iron	mg/L	0.0067	0.0067	U
Sodium	mg/L	0.80	0.80	U
Zinc	mg/L	0.050	0.050	U

LABORATORY CONTROL SAMPLE: 3748156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS						
Beryllium	mg/L	1	0.97	97	80-120	
Iron	mg/L	1	0.92	92	80-120	
Sodium	mg/L	10	10	100	80-120	
Zinc	mg/L	1	0.88	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748157 3748158 Original: T2100534006

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											
Beryllium	mg/L	0	1	0.89	0.92	89	92	75-125	4	20	
Iron	mg/L	0	1	0.85	0.88	85	88	75-125	4	20	
Sodium	mg/L	0.038	10	9.4	9.7	94	97	75-125	3	20	
Zinc	mg/L	0.017	1	0.82	0.84	82	84	75-125	2	20	

QC Batch: WCAt/1110 Analysis Method: SM 4500-S D

QC Batch Method: SM 4500-S D Prepared:

Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

METHOD BLANK: 3748790

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Sulfide	mg/L	0.013	0.013	U

LABORATORY CONTROL SAMPLE: 3748792

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Sulfide	mg/L	0.4	0.40	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748793 3748794 Original: T2100534002

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY											
Sulfide	mg/L	0.019	0.4	0.42	0.42	100	100	90-110	0	10	

QC Batch: WCAt/1112 Analysis Method: SM 4500NO3-F

QC Batch Method: SM 4500NO3-F Prepared:

Associated Lab Samples: T2100534001, T2100534002, T2100534003, T2100534004, T2100534005, T2100534006

METHOD BLANK: 3748960

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Nitrate (as N)	mg/L	0.092	0.092	U

LABORATORY CONTROL SAMPLE: 3748961

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Nitrate (as N)	mg/L	1	0.95	95	90-110	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748962 3748963 Original: T2100465001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY											
Nitrate (as N)	mg/L	0.057	1	1.1	1.0	109	104	90-110	4	10	

QC Batch: EXTt/1016 Analysis Method: EPA 8081
QC Batch Method: SW-846 3510C Prepared: 01/12/2021 12:30
Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

METHOD BLANK: 3749447

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
SEMIVOLATILES				
alpha-BHC	ug/L	0.0037	0.0037	U
gamma-BHC (Lindane)	ug/L	0.011	0.011	U
beta-BHC	ug/L	0.015	0.015	U
delta-BHC	ug/L	0.012	0.012	U
Heptachlor	ug/L	0.020	0.020	U
Aldrin	ug/L	0.015	0.015	U
Heptachlor Epoxide	ug/L	0.015	0.015	U
Endosulfan I	ug/L	0.0063	0.0063	U
4,4`-DDE	ug/L	0.0069	0.0069	U
Dieldrin	ug/L	0.029	0.029	U
Endrin	ug/L	0.0098	0.0098	U
4,4`-DDD	ug/L	0.028	0.028	U
Endosulfan II	ug/L	0.0064	0.0064	U
Endrin Aldehyde	ug/L	0.019	0.019	U
4,4`-DDT	ug/L	0.015	0.015	U
Endosulfan Sulfate	ug/L	0.026	0.026	U
Methoxychlor	ug/L	0.0042	0.0042	U
Chlordane (technical)	ug/L	0.38	0.38	U
Toxaphene	ug/L	0.43	0.43	U
Tetrachloro-m-xylene (S)	%	90	44-124	
Decachlorobiphenyl (S)	%	110	48-137	

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE & LCSD: 3749448 3749449

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
SEMIVOLATILES										
alpha-BHC	ug/L	0.1	0.11	0.13	107	131	54-138	20	30	
gamma-BHC (Lindane)	ug/L	0.1	0.11	0.13	113	128	59-134	13	30	
beta-BHC	ug/L	0.1	0.14	0.11	136	109	56-136	22	30	
delta-BHC	ug/L	0.1	0.094	0.12	94	115	52-142	20	30	
Heptachlor	ug/L	0.1	0.11	0.13	111	126	54-130	13	30	
Aldrin	ug/L	0.1	0.10	0.11	101	115	45-134	13	30	
Heptachlor Epoxide	ug/L	0.1	0.10	0.11	100	111	61-133	11	30	
Endosulfan I	ug/L	0.1	0.12	0.12	116	119	62-126	2	30	
4,4`-DDE	ug/L	0.1	0.12	0.13	122	130	57-135	6	30	
Dieldrin	ug/L	0.1	0.11	0.12	113	119	60-136	5	30	
Endrin	ug/L	0.1	0.086	0.097	86	97	60-138	12	30	
4,4`-DDD	ug/L	0.1	0.13	0.11	132	112	56-143	17	30	
Endosulfan II	ug/L	0.1	0.12	0.13	123	125	52-135	2	30	
Endrin Aldehyde	ug/L	0.1	0.10	0.11	101	113	51-132	11	30	
4,4`-DDT	ug/L	0.1	0.12	0.12	118	115	51-143	3	30	
Endosulfan Sulfate	ug/L	0.1	0.11	0.13	110	129	62-133	16	30	
Methoxychlor	ug/L	0.1	0.085	0.096	85	96	54-145	12	30	
Chlordane (technical)	ug/L		0.38	0.38U				0	30	
Toxaphene	ug/L		0.43	0.43U				0		
Tetrachloro-m-xylene (S)	%				105	121	44-124	14		
Decachlorobiphenyl (S)	%				114	120	48-137	5		

MATRIX SPIKE SAMPLE: 3749450 Original: T2100534001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
SEMIVOLATILES							
alpha-BHC	ug/L	0	0.1	0.11	111	54-138	
gamma-BHC (Lindane)	ug/L	0	0.1	0.12	117	59-134	
beta-BHC	ug/L	0	0.1	0.13	127	56-136	
delta-BHC	ug/L	0	0.1	0.099	99	52-142	
Heptachlor	ug/L	0	0.1	0.089	89	54-130	
Aldrin	ug/L	0	0.1	0.12	120	45-134	
Heptachlor Epoxide	ug/L	0	0.1	0.099	99	61-133	
Endosulfan I	ug/L	0	0.1	0.12	123	62-126	
4,4`-DDE	ug/L	0	0.1	0.12	119	57-135	
Dieldrin	ug/L	0	0.1	0.089	89	60-136	
Endrin	ug/L	0	0.1	0.11	110	60-138	
4,4`-DDD	ug/L	0	0.1	0.094	94	56-143	
Endosulfan II	ug/L	0	0.1	0.12	119	52-135	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE SAMPLE: 3749450 Original: T2100534001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Endrin Aldehyde	ug/L	0	0.1	0.069	69	51-132	
4,4`-DDT	ug/L	0	0.1	0.13	125	51-143	
Endosulfan Sulfate	ug/L	0	0.1	0.13	131	62-133	
Methoxychlor	ug/L	0	0.1	0.11	107	54-145	
Chlordane (technical)	ug/L			0.38			
Toxaphene	ug/L			0.43			
Tetrachloro-m-xylene (S)	%	116			121	44-124	
Decachlorobiphenyl (S)	%	116			121	48-137	

QC Batch: EXTt/1017 Analysis Method: SW-846 8082A

QC Batch Method: SW-846 3510C Prepared: 01/12/2021 12:30

Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

METHOD BLANK: 3749455

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
SEMIVOLATILES				
Aroclor 1016 (PCB-1016)	ug/L	0.14	0.14	U
Aroclor 1221 (PCB-1221)	ug/L	0.14	0.14	U
Aroclor 1232 (PCB-1232)	ug/L	0.14	0.14	U
Aroclor 1242 (PCB-1242)	ug/L	0.14	0.14	U
Aroclor 1248 (PCB-1248)	ug/L	0.14	0.14	U
Aroclor 1254 (PCB-1254)	ug/L	0.14	0.14	U
Aroclor 1260 (PCB-1260)	ug/L	0.14	0.14	U
Tetrachloro-m-xylene (S)	%	90	61-119	
Decachlorobiphenyl (S)	%	110	44-136	

LABORATORY CONTROL SAMPLE & LCSD: 3749456 3749457

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
SEMIVOLATILES										
Aroclor 1016 (PCB-1016)	ug/L	1	1.1	1.2	111	116	46-129	4		
Aroclor 1221 (PCB-1221)	ug/L		0.14	0.14U				0		
Aroclor 1232 (PCB-1232)	ug/L		0.14	0.14U				0		
Aroclor 1242 (PCB-1242)	ug/L		0.14	0.14U				0		
Aroclor 1248 (PCB-1248)	ug/L		0.14	0.14U				0		
Aroclor 1254 (PCB-1254)	ug/L		0.14	0.14U				0		

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE & LCSD: 3749456 3749457

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aroclor 1260 (PCB-1260)	ug/L	1	1.2	1.2	118	116	45-134	2		
Tetrachloro-m-xylene (S)	%				83	87	61-119	4		
Decachlorobiphenyl (S)	%				70	112	44-136	46		

MATRIX SPIKE SAMPLE: 3749458 Original: T2100534002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
SEMIVOLATILES							
Aroclor 1016 (PCB-1016)	ug/L	0	1	1.1	108	46-129	
Aroclor 1221 (PCB-1221)	ug/L			0.14			
Aroclor 1232 (PCB-1232)	ug/L			0.14			
Aroclor 1242 (PCB-1242)	ug/L			0.14			
Aroclor 1248 (PCB-1248)	ug/L			0.14			
Aroclor 1254 (PCB-1254)	ug/L			0.14			
Aroclor 1260 (PCB-1260)	ug/L	0	1	1.1	111	45-134	
Tetrachloro-m-xylene (S)	%	99			90	61-119	
Decachlorobiphenyl (S)	%	97			86	44-136	

QC Batch: DGMt/1037 Analysis Method: SW-846 7470A

QC Batch Method: SW-846 7470A Prepared: 01/12/2021 06:10

Associated Lab Samples: T2100534001, T2100534002, T2100534003, T2100534004, T2100534005, T2100534006

METHOD BLANK: 3749510

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Mercury	mg/L	0.000028	0.000028	U

LABORATORY CONTROL SAMPLE: 3749511

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS						
Mercury	mg/L	0.001	0.0010	100	80-120	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3749512 3749513 Original: S2100059004

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											
Mercury	mg/L	8.2e-006	0.001	0.00059	0.00060	59	60	80-120	1	20	

QC Batch: WCAt/1153 Analysis Method: SM 2540 C
QC Batch Method: SM 2540 C Prepared:
Associated Lab Samples: T2100534001, T2100534002, T2100534003

METHOD BLANK: 3751570

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Total Dissolved Solids	mg/L	10	10	U

LABORATORY CONTROL SAMPLE: 3751571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Total Dissolved Solids	mg/L	660	590	89	85-115	

SAMPLE DUPLICATE: 3751572 Original: T2100405001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
WET CHEMISTRY						
Total Dissolved Solids	mg/L	200	190	7	10	

QC Batch: DGMj/1033 Analysis Method: SW-846 6020
QC Batch Method: SW-846 3010A Prepared: 01/14/2021 04:51
Associated Lab Samples: T2100534001, T2100534002, T2100534003, T2100534004, T2100534005, T2100534006

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

METHOD BLANK: 3752687

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Vanadium	mg/L	0.0010	0.0010	U
Chromium	mg/L	0.00050	0.00050	U
Cobalt	mg/L	0.00025	0.00025	U
Nickel	mg/L	0.0012	0.0012	U
Copper	mg/L	0.0010	0.0010	U
Arsenic	mg/L	0.00025	0.00025	U
Selenium	mg/L	0.0012	0.0012	U
Silver	mg/L	0.00050	0.00050	U
Cadmium	mg/L	0.00025	0.00025	U
Tin	mg/L	0.015	0.015	U
Antimony	mg/L	0.0010	0.0010	U
Thallium	mg/L	0.00025	0.00025	U
Lead	mg/L	0.00050	0.00050	U

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
METALS				
Barium	mg/L	0.00050	0.00050	U

LABORATORY CONTROL SAMPLE: 3752688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS						
Vanadium	mg/L	0.02	0.019	97	80-120	
Chromium	mg/L	0.01	0.010	101	80-120	
Cobalt	mg/L	0.005	0.0049	98	80-120	
Nickel	mg/L	0.025	0.025	100	80-120	
Copper	mg/L	0.02	0.020	101	80-120	
Arsenic	mg/L	0.005	0.0054	109	80-120	
Selenium	mg/L	0.025	0.025	101	80-120	
Silver	mg/L	0.01	0.0094	94	80-120	
Cadmium	mg/L	0.005	0.0048	97	80-120	
Tin	mg/L	0.3	0.34	113	80-120	
Barium	mg/L	0.01	0.010	105	80-120	
Thallium	mg/L	0.005	0.0048	95	80-120	
Lead	mg/L	0.01	0.010	104	80-120	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE: 3752688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
METALS						
Antimony	mg/L	0.04	0.039	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752689 3752690 Original: T2100534001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
METALS											
Vanadium	mg/L	0.0014	0.02	0.021	0.022	99	103	75-125	3	20	
Chromium	mg/L	0.0006	0.01	0.010	0.011	95	100	75-125	5	20	
Cobalt	mg/L	4e-005	0.005	0.0048	0.0049	96	97	75-125	1	20	
Nickel	mg/L	0.00028	0.025	0.024	0.026	97	103	75-125	6	20	
Copper	mg/L	6.7e-005	0.02	0.018	0.019	92	95	75-125	4	20	
Arsenic	mg/L	0.00019	0.005	0.0047	0.0048	94	95	75-125	2	20	
Selenium	mg/L	0.00037	0.025	0.020	0.022	79	87	75-125	9	20	
Silver	mg/L	3.8e-006	0.01	0.0092	0.0092	92	92	75-125	1	20	
Cadmium	mg/L	0	0.005	0.0047	0.0048	95	95	75-125	1	20	
Tin	mg/L	0.00053	0.3	0.20	0.22	68	73	75-125	7	20	
Antimony	mg/L	0	0.02	0.025	0.023	124	114	75-125	8	20	
Barium	mg/L	0.028	0.01	0.038	0.038	105	101	75-125	1	20	
Thallium	mg/L	1.5e-005	0.005	0.0047	0.0047	94	95	75-125	1	20	
Lead	mg/L	1.2e-005	0.01	0.010	0.010	100	102	75-125	2	20	

QC Batch: EXTj/1043 Analysis Method: SW-846 8270C

QC Batch Method: SW-846 3510C Prepared: 01/13/2021 08:30

Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

METHOD BLANK: 3753248

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
SEMIVOLATILES				
Phenol	ug/L	0.54	0.54	U
2-Chlorophenol	ug/L	1.5	1.5	U
2-Methylphenol (o-Cresol)	ug/L	1.5	1.5	U
3+4-Methylphenol(mp-Cresol)	ug/L	1.0	1.0	U
2-Nitrophenol	ug/L	0.63	0.63	U
2,4-Dimethylphenol	ug/L	2.6	2.6	U
2,4-Dichlorophenol	ug/L	0.90	0.90	U

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

METHOD BLANK: 3753248

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
2,6-Dichlorophenol	ug/L	1.3	1.3	U
4-Chloro-3-methylphenol	ug/L	0.63	0.63	U
2,4,6-Trichlorophenol	ug/L	1.4	1.4	U
2,4,5-Trichlorophenol	ug/L	1.3	1.3	U
2,4-Dinitrophenol	ug/L	1.1	1.1	U
4-Nitrophenol	ug/L	2.9	2.9	U
2,3,4,6-Tetrachlorophenol	ug/L	1.3	1.3	U
2-Methyl-4,6-dinitrophenol	ug/L	1.2	1.2	U
Pentachlorophenol	ug/L	0.95	0.95	U
N-Nitrosodimethylamine	ug/L	0.93	0.93	U
Methyl Methanesulfonate	ug/L	0.67	0.67	U
Ethyl methanesulfonate	ug/L	0.91	0.91	U
bis(2-Chloroethyl)Ether	ug/L	1.5	1.5	U
Benzyl Alcohol	ug/L	2.4	2.4	U
bis(2-Chloroisopropyl) Ether	ug/L	1.4	1.4	U
Acetophenone	ug/L	1.6	1.6	U
N-Nitrosodi-n-propylamine	ug/L	2.2	2.2	U
Hexachloroethane	ug/L	1.2	1.2	U
Nitrobenzene	ug/L	1.1	1.1	U
N-Nitrosopiperidine	ug/L	1.3	1.3	U
Isophorone	ug/L	1.1	1.1	U
bis(2-Chloroethoxy)methane	ug/L	1.2	1.2	U
1,2,4-Trichlorobenzene	ug/L	0.69	0.69	U
Naphthalene	ug/L	0.048	0.048	U
4-Chloroaniline	ug/L	0.90	0.90	U
Hexachlorobutadiene	ug/L	1.3	1.3	U
N-Nitrosodi-n-butylamine	ug/L	1.5	1.5	U
2-Methylnaphthalene	ug/L	0.049	0.049	U
Hexachlorocyclopentadiene	ug/L	1.0	1.0	U
1,2,4,5-Tetrachlorobenzene	ug/L	1.3	1.3	U
2-Chloronaphthalene	ug/L	1.7	1.7	U
2-Nitroaniline	ug/L	1.5	1.5	U
Dimethyl phthalate	ug/L	1.8	1.8	U
2,6-Dinitrotoluene (2,6-DNT)	ug/L	2.0	2.0	U
Acenaphthylene	ug/L	0.042	0.042	U
3-Nitroaniline	ug/L	1.1	1.1	U
Acenaphthene	ug/L	0.040	0.040	U
Pentachlorobenzene	ug/L	1.3	1.3	U
Dibenzofuran	ug/L	0.069	0.069	U
2,4-Dinitrotoluene (2,4-DNT)	ug/L	1.8	1.8	U
1-Naphthylamine	ug/L	0.95	0.95	U
2-Naphthylamine	ug/L	0.89	0.89	U
Diethyl phthalate	ug/L	2.1	2.1	U
Fluorene	ug/L	0.038	0.038	U
4-Chlorophenyl Phenyl Ether	ug/L	1.6	1.6	U

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

METHOD BLANK: 3753248

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-Nitroaniline	ug/L	1.3	1.3	U
Diphenylamine	ug/L	2.1	2.1	U
Phenacetin	ug/L	3.2	3.2	U
4-Bromophenyl Phenyl Ether	ug/L	1.1	1.1	U
Hexachlorobenzene	ug/L	0.99	0.99	U
Pentachloronitrobenzene	ug/L	1.7	1.7	U
4-Aminobiphenyl	ug/L	0.61	0.61	U
Pronamide (Kerb)	ug/L	3.6	3.6	U
Phenanthrene	ug/L	0.040	0.040	U
Anthracene	ug/L	0.035	0.035	U
Di-n-Butyl Phthalate	ug/L	0.88	0.88	U
Fluoranthene	ug/L	0.037	0.037	U
Pyrene	ug/L	0.036	0.036	U
4-Dimethyl aminoazobenzene	ug/L	0.73	0.73	U
Butyl benzyl phthalate	ug/L	1.1	1.1	U
Benzo[a]anthracene	ug/L	0.012	0.012	U
3,3`-Dichlorobenzidine	ug/L	1.3	1.3	U
Chrysene	ug/L	0.033	0.033	U
bis(2-Ethylhexyl) phthalate	ug/L	2.0	2.0	U
Di-n-octyl Phthalate	ug/L	1.2	1.2	U
Benzo[b]fluoranthene	ug/L	0.012	0.012	U
7,12-Dimethylbenz[a]anthracene	ug/L	1.1	1.1	U
Benzo[k]fluoranthene	ug/L	0.048	0.048	U
Benzo[a]pyrene	ug/L	0.037	0.037	U
3-Methylcholanthrene	ug/L	1.9	1.9	U
Indeno(1,2,3-cd)pyrene	ug/L	0.011	0.011	U
Dibenzo[a,h]anthracene	ug/L	0.024	0.024	U
Benzo[g,h,i]perylene	ug/L	0.048	0.048	U
N-Nitrosodiphenylamine	ug/L	2.1	2.1	U
N-Nitrosomethylethylamine	ug/L	2.7	2.7	U
N-Nitrosodiethylamine	ug/L	2.1	2.1	U
N-Nitrosopyrrolidine	ug/L	2.1	2.1	U
o-Toluidine	ug/L	2.4	2.4	U
Hexachloropropene	ug/L	2.7	2.7	U
1,4-Phenylenediamine	ug/L	5.0	5.0	U
Safrole	ug/L	3.5	3.5	U
Isosafrole	ug/L	3.2	3.2	U
1,4-Naphthoquinone	ug/L	4.8	4.8	U
1,3-Dinitrobenzene	ug/L	2.1	2.1	U
5-Nitro-o-toluidine	ug/L	2.9	2.9	U
1,3,5-Trinitrobenzene	ug/L	2.5	2.5	U
Isodrin	ug/L	3.1	3.1	U
3,3'-Dimethylbenzidine	ug/L	2.4	2.4	U
2-Acetylaminofluorene	ug/L	3.5	3.5	U

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

METHOD BLANK: 3753248

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Diallate	ug/L	1.1	1.1	U
Chlorobenzilate	ug/L	2.0	2.0	U
2-Fluorophenol (S)	%	89	31-134	
Phenol-d6 (S)	%	84	24-120	
Nitrobenzene-d5 (S)	%	93	38-139	
2-Fluorobiphenyl (S)	%	93	42-138	
2,4,6-Tribromophenol (S)	%	89	48-147	
p-Terphenyl-d14 (S)	%	103	61-154	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
SEMIVOLATILES				
o,o,o-Triethylphosphorothioate	ug/L	2.9	2.9	U
Methapyrilene	ug/L	1.8	1.8	U
Thionazin (Zinophos)	ug/L	1.2	1.2	U
Phorate	ug/L	1.2	1.2	U
Dimethoate	ug/L	1.2	1.2	U
Dinoseb	ug/L	2.3	2.3	U
Methyl Parathion	ug/L	1.3	1.3	U
Kepone	ug/L	5.2	5.2	U
Famphur	ug/L	2.0	2.0	U

LABORATORY CONTROL SAMPLE: 3753249

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
SEMIVOLATILES						
N-Nitrosodimethylamine	ug/L	50	0.93	0		
Methyl Methanesulfonate	ug/L	50	36	73		
Ethyl methanesulfonate	ug/L	50	38	77		
Phenol	ug/L	50	0.54	0	19-106	
bis(2-Chloroethyl)Ether	ug/L	50	1.5	0		
2-Chlorophenol	ug/L	50	1.5	0		
Benzyl Alcohol	ug/L	50	2.4	0		
bis(2-Chloroisopropyl) Ether	ug/L	50	1.4	0		
2-Methylphenol (o-Cresol)	ug/L	50	1.5	0		
Acetophenone	ug/L	50	36	73		
N-Nitrosodi-n-propylamine	ug/L	50	2.2	0		
3+4-Methylphenol(mp-Cresol)	ug/L	50	1.0	0		
Hexachloroethane	ug/L	50	1.2	0	21-115	

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE: 3753249

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrobenzene	ug/L	50	1.1	0	45-121	
Isophorone	ug/L	50	1.1	0		
2-Nitrophenol	ug/L	50	0.63	0		
2,4-Dimethylphenol	ug/L	50	2.6	0		
bis(2-Chloroethoxy)methane	ug/L	50	1.2	0		
2,4-Dichlorophenol	ug/L	50	0.90	0	47-121	
1,2,4-Trichlorobenzene	ug/L	50	0.69	0		
Naphthalene	ug/L	50	0.048	0		
4-Chloroaniline	ug/L	50	0.90	0		
2,6-Dichlorophenol	ug/L	50	1.3	0		
Hexachlorobutadiene	ug/L	50	1.3	0	22-124	
4-Chloro-3-methylphenol	ug/L	50	0.63	0	52-119	
2-Methylnaphthalene	ug/L	50	0.049	0		
Hexachlorocyclopentadiene	ug/L	50	1.0	0		
1,2,4,5-Tetrachlorobenzene	ug/L	50	39	78		
2,4,6-Trichlorophenol	ug/L	50	1.4	0	50-125	
2,4,5-Trichlorophenol	ug/L	50	1.3	0		
2-Chloronaphthalene	ug/L	50	1.7	0		
2-Nitroaniline	ug/L	50	1.5	0		
Dimethyl phthalate	ug/L	50	1.8	0		
2,6-Dinitrotoluene (2,6-DNT)	ug/L	50	2.0	0		
Acenaphthylene	ug/L	50	0.042	0		
3-Nitroaniline	ug/L	50	1.1	0		
Acenaphthene	ug/L	50	0.040	0	47-122	
2,4-Dinitrophenol	ug/L	50	1.1	0		
Pentachlorobenzene	ug/L	50	40	80		
Dibenzofuran	ug/L	50	0.069	0		
2,4-Dinitrotoluene (2,4-DNT)	ug/L	50	1.8	0	57-128	
4-Nitrophenol	ug/L	50	2.9	0		
2,3,4,6-Tetrachlorophenol	ug/L	50	1.3	0		
Diethyl phthalate	ug/L	50	2.1	0		
Fluorene	ug/L	50	0.038	0	52-124	
4-Chlorophenyl Phenyl Ether	ug/L	50	1.6	0		
4-Nitroaniline	ug/L	50	1.3	0		
2-Methyl-4,6-dinitrophenol	ug/L	50	1.2	0		
N-Nitrosodiphenylamine	ug/L	50	2.1	0		
Diphenylamine	ug/L	50	2.1	0		
Phenacetin	ug/L	50	37	73		
4-Bromophenyl Phenyl Ether	ug/L	50	1.1	0		
Hexachlorobenzene	ug/L	50	0.99	0	53-125	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE: 3753249

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	50	0.95	0	35-138	
Pentachloronitrobenzene	ug/L	50	36	72		
Pronamide (Kerb)	ug/L	50	39	77		
Phenanthrene	ug/L	50	0.040	0		
Anthracene	ug/L	50	0.035	0		
Di-n-Butyl Phthalate	ug/L	50	0.88	0		
Fluoranthene	ug/L	50	0.037	0	57-128	
Pyrene	ug/L	50	0.036	0		
Butyl benzyl phthalate	ug/L	50	1.1	0		
Benzo[a]anthracene	ug/L	50	0.012	0		
Chrysene	ug/L	50	0.033	0		
bis(2-Ethylhexyl) phthalate	ug/L	50	2.0	0	55-135	
Di-n-octyl Phthalate	ug/L	50	1.2	0		
Benzo[b]fluoranthene	ug/L	50	0.012	0		
Benzo[k]fluoranthene	ug/L	50	0.048	0		
Benzo[a]pyrene	ug/L	50	0.037	0	54-128	
Indeno(1,2,3-cd)pyrene	ug/L	50	0.011	0		
3-Methylcholanthrene	ug/L	50	39	77		
Dibenzo[a,h]anthracene	ug/L	50	0.024	0		
Benzo[g,h,i]perylene	ug/L	50	0.048	0		
N-Nitrosopiperidine	ug/L	50	40	81		
N-Nitrosodi-n-butylamine	ug/L	50	47	95		
1-Naphthylamine	ug/L	50	41	82		
2-Naphthylamine	ug/L	50	28	55		
4-Aminobiphenyl	ug/L	50	28	56		
4-Dimethyl aminoazobenzene	ug/L	50	46	93		
3,3`-Dichlorobenzidine	ug/L	50	35	70		
7,12-Dimethylbenz[a]anthracene	ug/L	50	42	84		
2-Fluorophenol (S)	%			85	31-134	
Phenol-d6 (S)	%			73	24-120	
Nitrobenzene-d5 (S)	%			97	38-139	
2-Fluorobiphenyl (S)	%			98	42-138	
2,4,6-Tribromophenol (S)	%			101	48-147	
p-Terphenyl-d14 (S)	%			102	61-154	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754955 3754956 Original: J2100784001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
SEMIVOLATILES											

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754955 3754956 Original: J2100784001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
N-Nitrosodimethylamine	ug/L	0	5000	93	93U	0	0		0		
Methyl Methanesulfonate	ug/L	0	5000	3500	3400	69	68		2		
Ethyl methanesulfonate	ug/L	0	5000	3700	3700	74	75		1		
Phenol	ug/L	0	5000	54	54U	0	0	19-106	0	20	
bis(2-Chloroethyl)Ether	ug/L	0	5000	150	150U	0	0		0		
2-Chlorophenol	ug/L	0	5000	150	150U	0	0		0		
Benzyl Alcohol	ug/L	0	5000	240	240U	0	0		0		
bis(2-Chloroisopropyl) Ether	ug/L	0	5000	140	140U	0	0		0		
2-Methylphenol (o-Cresol)	ug/L	0	5000	150	150U	0	0		0		
Acetophenone	ug/L	0	5000	3400	3500	69	70		2		
N-Nitrosodi-n-propylamine	ug/L	0	5000	220	220U	0	0		0		
3+4-Methylphenol(mp-Cresol)	ug/L	0	5000	100	100U	0	0		0		
Hexachloroethane	ug/L	0	5000	120	120U	0	0	21-115	0	20	
Nitrobenzene	ug/L	0	5000	110	110U	0	0	45-121	0	20	
Isophorone	ug/L	0	5000	110	110U	0	0		0		
2-Nitrophenol	ug/L	0	5000	63	63U	0	0		0		
2,4-Dimethylphenol	ug/L	0	5000	260	260U	0	0		0		
bis(2-Chloroethoxy)methane	ug/L	0	5000	120	120U	0	0		0		
2,4-Dichlorophenol	ug/L	0	5000	90	90U	0	0	47-121	0	20	
1,2,4-Trichlorobenzene	ug/L	0	5000	69	69U	0	0		0		
Naphthalene	ug/L	0	5000	4.8	8.2I	0	0		200		
4-Chloroaniline	ug/L	0	5000	90	90U	0	0		0		
2,6-Dichlorophenol	ug/L	0	5000	3300	3300	66	67		0		
Hexachlorobutadiene	ug/L	0	5000	130	130U	0	0	22-124	0	20	
4-Chloro-3-methylphenol	ug/L	0	5000	63	63U	0	0	52-119	0	20	
2-Methylnaphthalene	ug/L	0	5000	4.9	4.9U	0	0		0		
Hexachlorocyclopentadiene	ug/L	0	5000	100	100U	0	0		0		
1,2,4,5-Tetrachlorobenzene	ug/L	0	5000	3700	3800	75	75		1		
2,4,6-Trichlorophenol	ug/L	0	5000	140	140U	0	0	50-125	0	20	
2,4,5-Trichlorophenol	ug/L	0	5000	130	130U	0	0		0		
2-Chloronaphthalene	ug/L	0	5000	170	170U	0	0		0		
2-Nitroaniline	ug/L	0	5000	150	150U	0	0		0		
Dimethyl phthalate	ug/L	0	5000	180	180U	0	0		0		
2,6-Dinitrotoluene (2,6-DNT)	ug/L	0	5000	200	200U	0	0		0		
Acenaphthylene	ug/L	0	5000	4.2	4.2U	0	0		0		
3-Nitroaniline	ug/L	0	5000	110	110U	0	0		0		
Acenaphthene	ug/L	0	5000	4.0	4.0U	0	0	47-122	0	20	
2,4-Dinitrophenol	ug/L	0	5000	110	110U	0	0		0		
Pentachlorobenzene	ug/L	0	5000	3900	3900	78	79		1		
Dibenzofuran	ug/L	0	5000	6.9	6.9U	0	0		200		
2,4-Dinitrotoluene (2,4-DNT)	ug/L	0	5000	180	180U	0	0	57-128	0	20	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754955 3754956 Original: J2100784001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
4-Nitrophenol	ug/L	0	5000	290	290U	0	0		0		
2,3,4,6-Tetrachlorophenol	ug/L	0	5000	130	130U	0	0		0		
Diethyl phthalate	ug/L	0	5000	210	210U	0	0		0		
Fluorene	ug/L	0	5000	3.8	3.8U	0	0	52-124	0	20	
4-Chlorophenyl Phenyl Ether	ug/L	0	5000	160	160U	0	0		0		
4-Nitroaniline	ug/L	0	5000	130	130U	0	0		0		
2-Methyl-4,6-dinitrophenol	ug/L	0	5000	120	120U	0	0		0		
N-Nitrosodiphenylamine	ug/L	0	5000	210	210U	0	0		0		
Diphenylamine	ug/L			210	210U				0		
Phenacetin	ug/L	0	5000	3500	3600	69	72		4		
4-Bromophenyl Phenyl Ether	ug/L	0	5000	110	110U	0	0		0		
Hexachlorobenzene	ug/L	0	5000	99	99U	0	0	53-125	0	20	
Pentachlorophenol	ug/L	0	5000	95	95U	0	0	35-138	0	20	
Pentachloronitrobenzene	ug/L	0	5000	3500	3500	69	69		0		
Pronamide (Kerb)	ug/L	0	5000	3600	3700	72	73		1		
Phenanthrene	ug/L	0	5000	4.0	4.0U	0	0		0		
Anthracene	ug/L	0	5000	3.5	3.5U	0	0		0		
Di-n-Butyl Phthalate	ug/L	27	5000	88	88U	0	0		0		
Fluoranthene	ug/L	0	5000	3.7	3.7U	0	0	57-128	0	20	
Pyrene	ug/L	0	5000	3.6	3.6U	0	0		0		
Butyl benzyl phthalate	ug/L	0	5000	110	110U	0	0		0		
Benzo[a]anthracene	ug/L	0	5000	1.2	1.2U	0	0		0		
Chrysene	ug/L	0	5000	3.3	3.3U	0	0		0		
bis(2-Ethylhexyl) phthalate	ug/L	0	5000	200	200U	0	0	55-135	0	20	
Di-n-octyl Phthalate	ug/L	0	5000	120	120U	0	0		0		
Benzo[b]fluoranthene	ug/L	0	5000	1.2	1.2U	0	0		0		
Benzo[k]fluoranthene	ug/L	0	5000	4.8	4.8U	0	0		0		
Benzo[a]pyrene	ug/L	0	5000	3.7	3.7U	0	0	54-128	0	20	
Indeno(1,2,3-cd)pyrene	ug/L	0	5000	1.1	1.1U	0	0		0		
3-Methylcholanthrene	ug/L	0	5000	3700	3800	74	75		2		
Dibenzo[a,h]anthracene	ug/L	0	5000	2.4	2.4U	0	0		0		
Benzo[g,h,i]perylene	ug/L	0	5000	4.8	4.8U	0	0		0		
N-Nitrosopiperidine	ug/L	0	5000	3800	3900	76	78		3		
N-Nitrosodi-n-butylamine	ug/L	0	5000	4600	4600	92	93		1		
1-Naphthylamine	ug/L	0	5000	4200	4300	84	86		3		
2-Naphthylamine	ug/L	0	5000	2500	2500	50	50		1		
4-Aminobiphenyl	ug/L	0	5000	2600	2600	52	53		1		
4-Dimethyl aminoazobenzene	ug/L	0	5000	4500	4500	90	89		0		
3,3`-Dichlorobenzidine	ug/L	0	5000	3500	3500	70	71		0		
7,12-Dimethylbenz[a]anthracene	ug/L	0	5000	4100	4000	81	81		1		
2-Fluorophenol (S)	%	71				79	80	31-134	2		

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754955 3754956 Original: J2100784001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Phenol-d6 (S)	%	61				69	71	24-120	3		
Nitrobenzene-d5 (S)	%	86				91	93	38-139	2		
2-Fluorobiphenyl (S)	%	85				93	95	42-138	2		
2,4,6-Tribromophenol (S)	%	99				96	98	48-147	2		
p-Terphenyl-d14 (S)	%	103				97	96	61-154	1		

QC Batch: MSVj/1040 Analysis Method: SW-846 8260B (SIM)
QC Batch Method: SW-846 5030B Prepared: 01/13/2021 13:30
Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

METHOD BLANK: 3753332

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
VOLATILES				
Ethylene Dibromide (EDB)	ug/L	0.019	0.019	U
1,2-Dibromo-3-Chloropropane	ug/L	0.050	0.050	U
1,2-Dichloroethane-d4 (S)	%	94	77-125	
Toluene-d8 (S)	%	96	80-121	
Bromofluorobenzene (S)	%	104	80-129	

LABORATORY CONTROL SAMPLE & LCSD: 3753333 3753334

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
VOLATILES										
Ethylene Dibromide (EDB)	ug/L	0.8	0.80	0.76	100	95	70-130	5	30	
1,2-Dibromo-3-Chloropropane	ug/L	0.8	0.67	0.73	84	91	70-130	9	30	
1,2-Dichloroethane-d4 (S)	%				96	92	77-125	3		
Toluene-d8 (S)	%				93	93	80-121	0		
Bromofluorobenzene (S)	%				99	101	80-129	2		

MATRIX SPIKE SAMPLE: 3753335 Original: T2100534001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
VOLATILES							

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE SAMPLE: 3753335 Original: T2100534001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethylene Dibromide (EDB)	ug/L	0	0.8	0.76	95	70-130	
1,2-Dibromo-3-Chloropropane	ug/L	0	0.8	0.62	78	70-130	
1,2-Dichloroethane-d4 (S)	%	97			96	77-125	
Toluene-d8 (S)	%	95			93	80-121	
Bromofluorobenzene (S)	%	100			96	80-129	

QC Batch: MSVj/1042 Analysis Method: SW-846 8260B

QC Batch Method: SW-846 5030B Prepared: 01/13/2021 13:30

Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

METHOD BLANK: 3753337

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
VOLATILES				
Dichlorodifluoromethane	ug/L	0.50	0.50	U
Chloromethane	ug/L	0.25	0.25	U
Vinyl Chloride	ug/L	0.25	0.25	U
Bromomethane	ug/L	0.50	0.50	U
Chloroethane	ug/L	0.50	0.50	U
Trichlorofluoromethane	ug/L	0.50	0.50	U
Acrolein (Propenal)	ug/L	1.5	1.5	U
Acetone	ug/L	0.50	0.50	U
1,1-Dichloroethylene	ug/L	0.50	0.50	U
Iodomethane (Methyl Iodide)	ug/L	0.50	0.50	U
Acrylonitrile	ug/L	0.50	0.50	U
Methylene Chloride	ug/L	1.2	1.2	U
Carbon Disulfide	ug/L	0.50	0.50	U
trans-1,2-Dichloroethylene	ug/L	0.50	0.50	U
1,1-Dichloroethane	ug/L	0.25	0.25	U
Vinyl Acetate	ug/L	0.50	0.50	U
2-Butanone (MEK)	ug/L	0.25	0.25	U
cis-1,2-Dichloroethylene	ug/L	0.50	0.50	U
Bromochloromethane	ug/L	0.50	0.50	U
Chloroform	ug/L	0.50	0.50	U
2,2-Dichloropropane	ug/L	0.50	0.50	U
1,2-Dichloroethane	ug/L	0.25	0.25	U
1,1,1-Trichloroethane	ug/L	0.50	0.50	U
1,1-Dichloropropene	ug/L	0.50	0.50	U
Carbon Tetrachloride	ug/L	0.25	0.25	U
Benzene	ug/L	0.25	0.25	U

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

METHOD BLANK: 3753337

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromomethane	ug/L	0.50	0.50	U
1,2-Dichloropropane	ug/L	0.25	0.25	U
Trichloroethene	ug/L	0.25	0.25	U
Bromodichloromethane	ug/L	0.50	0.50	U
cis-1,3-Dichloropropene	ug/L	0.20	0.20	U
4-Methyl-2-pentanone (MIBK)	ug/L	0.50	0.50	U
trans-1,3-Dichloropropylene	ug/L	0.20	0.20	U
1,1,2-Trichloroethane	ug/L	0.25	0.25	U
Toluene	ug/L	0.25	0.25	U
1,3-Dichloropropane	ug/L	0.20	0.20	U
2-Hexanone	ug/L	0.50	0.50	U
Dibromochloromethane	ug/L	0.20	0.20	U
Tetrachloroethylene (PCE)	ug/L	0.25	0.25	U
1,1,1,2-Tetrachloroethane	ug/L	0.25	0.25	U
Chlorobenzene	ug/L	0.50	0.50	U
Ethylbenzene	ug/L	0.25	0.25	U
Bromoform	ug/L	0.25	0.25	U
Styrene	ug/L	0.50	0.50	U
1,1,2,2-Tetrachloroethane	ug/L	0.20	0.20	U
1,2,3-Trichloropropane	ug/L	0.25	0.25	U
1,3-Dichlorobenzene	ug/L	0.50	0.50	U
1,4-Dichlorobenzene	ug/L	0.50	0.50	U
1,2-Dichlorobenzene	ug/L	0.50	0.50	U
Acetonitrile	ug/L	0.50	0.50	U
Allyl Chloride(3-Chloropropene	ug/L	0.50	0.50	U
Propionitrile (Ethyl cyanide)	ug/L	0.50	0.50	U
Chloroprene	ug/L	1.0	1.0	U
Methacrylonitrile	ug/L	0.25	0.25	U
Isobutyl Alcohol	ug/L	2.5	2.5	U
Methyl Methacrylate	ug/L	1.0	1.0	U
Ethyl Methacrylate	ug/L	0.50	0.50	U
trans-1,4-Dichloro-2-butene	ug/L	0.50	0.50	U
Xylene (Total)	ug/L	0.75	0.75	U
1,2-Dichloroethane-d4 (S)	%	99	70-128	
Toluene-d8 (S)	%	98	77-119	
Bromofluorobenzene (S)	%	105	86-123	

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE & LCSD: 3753338 3753339

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
VOLATILES										
Dichlorodifluoromethane	ug/L	20	13	13	63	66		4		
Chloromethane	ug/L	20	15	16	75	82		8		
Vinyl Chloride	ug/L	20	17	18	84	88	70-130	4	20	
Bromomethane	ug/L	20	19	21	93	104		11		
Chloroethane	ug/L	20	19	20	94	102		8		
Trichlorofluoromethane	ug/L	20	21	22	107	110		2		
Acrolein (Propenal)	ug/L	100	120	130	123	126		2		
Acetone	ug/L	20	22	23	108	115		7		
1,1-Dichloroethylene	ug/L	20	21	21	103	107	70-130	4	20	
Iodomethane (Methyl Iodide)	ug/L	20	22	26	111	128		14		
Acrylonitrile	ug/L	20	20	19	101	96		6		
Methylene Chloride	ug/L	20	21	22	103	109		6		
Carbon Disulfide	ug/L	20	18	20	91	98		7		
trans-1,2-Dichloroethylene	ug/L	20	20	21	101	104		3		
1,1-Dichloroethane	ug/L	20	20	22	102	108		6		
Vinyl Acetate	ug/L	20	17	16	85	82		4		
2-Butanone (MEK)	ug/L	20	21	21	106	107		1		
cis-1,2-Dichloroethylene	ug/L	20	21	22	105	111	70-130	6	20	
Bromochloromethane	ug/L	20	21	22	106	111		5		
Chloroform	ug/L	20	22	23	108	114	70-130	5	20	
2,2-Dichloropropane	ug/L	20	22	23	112	117		4		
1,2-Dichloroethane	ug/L	20	21	22	105	111		5		
1,1,1-Trichloroethane	ug/L	20	21	22	104	111		7		
1,1-Dichloropropene	ug/L	20	20	21	102	106		4		
Carbon Tetrachloride	ug/L	20	21	23	106	113		6		
Benzene	ug/L	20	21	22	106	110	70-130	4	20	
Dibromomethane	ug/L	20	21	22	105	109		4		
1,2-Dichloropropane	ug/L	20	21	22	103	108		4		
Trichloroethene	ug/L	20	19	20	95	99	70-130	5	20	
Bromodichloromethane	ug/L	20	21	23	107	113		5		
cis-1,3-Dichloropropene	ug/L	20	20	21	101	105		4		
4-Methyl-2-pentanone (MIBK)	ug/L	20	21	22	106	111		4		
trans-1,3-Dichloropropylene	ug/L	20	20	20	98	102		4		
1,1,2-Trichloroethane	ug/L	20	20	22	100	108		7		
Toluene	ug/L	20	21	21	104	103	70-130	1	20	
1,3-Dichloropropane	ug/L	20	19	19	97	96		2		
2-Hexanone	ug/L	20	21	20	104	100		4		
Dibromochloromethane	ug/L	20	20	19	99	95		3		
Tetrachloroethylene (PCE)	ug/L	20	20	20	101	102	70-130	1	20	
1,1,1,2-Tetrachloroethane	ug/L	20	21	21	103	103		0		
Chlorobenzene	ug/L	20	21	20	103	101	70-130	2	20	
Ethylbenzene	ug/L	20	21	21	103	103	70-130	0	20	
Bromoform	ug/L	20	19	19	95	96		1		

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE & LCSD: 3753338 3753339

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Styrene	ug/L	20	20	20	102	102		0		
1,1,2,2-Tetrachloroethane	ug/L	20	21	21	107	103		4		
1,2,3-Trichloropropane	ug/L	20	21	21	104	105		1		
1,3-Dichlorobenzene	ug/L	20	19	19	97	97	70-130	0	20	
1,4-Dichlorobenzene	ug/L	20	19	19	96	96		0		
1,2-Dichlorobenzene	ug/L	20	20	20	99	98	70-130	1	20	
Xylene (Total)	ug/L	60	63	62	105	103	70-130	2	20	
1,2-Dichloroethane-d4 (S)	%				102	101	70-128	1		
Toluene-d8 (S)	%				99	97	77-119	2		
Bromofluorobenzene (S)	%				98	97	86-123	1		

MATRIX SPIKE SAMPLE: 3753340 Original: T2100534002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
VOLATILES							
Dichlorodifluoromethane	ug/L	0	20	12	61		
Chloromethane	ug/L	0	20	14	70		
Vinyl Chloride	ug/L	0	20	16	79	70-130	
Bromomethane	ug/L	0	20	16	81		
Chloroethane	ug/L	0	20	18	92		
Trichlorofluoromethane	ug/L	0	20	20	101		
Acrolein (Propenal)	ug/L	0	100	100	103		
Acetone	ug/L	0	20	22	109		
1,1-Dichloroethylene	ug/L	0	20	20	102	70-130	
Iodomethane (Methyl Iodide)	ug/L	0	20	21	106		
Acrylonitrile	ug/L	0	20	18	88		
Methylene Chloride	ug/L	0.22	20	19	97		
Carbon Disulfide	ug/L	0.23	20	18	88		
trans-1,2-Dichloroethylene	ug/L	0	20	20	100		
1,1-Dichloroethane	ug/L	0	20	21	103		
Vinyl Acetate	ug/L	0	20	14	70		
2-Butanone (MEK)	ug/L	0	20	18	90		
cis-1,2-Dichloroethylene	ug/L	0	20	20	102	70-130	
Bromochloromethane	ug/L	0	20	20	102		
Chloroform	ug/L	0	20	21	106	70-130	
2,2-Dichloropropane	ug/L	0	20	19	95		
1,2-Dichloroethane	ug/L	0	20	20	101		
1,1,1-Trichloroethane	ug/L	0	20	20	102		
1,1-Dichloropropene	ug/L	0	20	20	101		

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE SAMPLE: 3753340 Original: T2100534002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon Tetrachloride	ug/L	0	20	20	101		
Benzene	ug/L	0	20	21	106	70-130	
Dibromomethane	ug/L	0	20	19	97		
1,2-Dichloropropane	ug/L	0	20	20	102		
Trichloroethene	ug/L	0	20	19	93	70-130	
Bromodichloromethane	ug/L	0	20	21	103		
cis-1,3-Dichloropropene	ug/L	0	20	19	95		
4-Methyl-2-pentanone (MIBK)	ug/L	0	20	20	102		
trans-1,3-Dichloropropylene	ug/L	0	20	18	90		
1,1,2-Trichloroethane	ug/L	0	20	20	100		
Toluene	ug/L	0	20	20	100	70-130	
1,3-Dichloropropane	ug/L	0	20	19	94		
2-Hexanone	ug/L	0	20	19	93		
Dibromochloromethane	ug/L	0	20	18	91		
Tetrachloroethylene (PCE)	ug/L	0	20	20	100	70-130	
1,1,1,2-Tetrachloroethane	ug/L	0	20	20	102		
Chlorobenzene	ug/L	0	20	20	102	70-130	
Ethylbenzene	ug/L	0	20	20	99	70-130	
Bromoform	ug/L	0	20	18	90		
Styrene	ug/L	0	20	20	101		
1,1,2,2-Tetrachloroethane	ug/L	0	20	20	99		
1,2,3-Trichloropropane	ug/L	0	20	21	105		
1,3-Dichlorobenzene	ug/L	0	20	19	97	70-130	
1,4-Dichlorobenzene	ug/L	0	20	19	95		
1,2-Dichlorobenzene	ug/L	0	20	20	99	70-130	
Xylene (Total)	ug/L	0	60	61	101	70-130	
1,2-Dichloroethane-d4 (S)	%	99			93	70-128	
Toluene-d8 (S)	%	97			95	77-119	
Bromofluorobenzene (S)	%	102			95	86-123	

QC Batch: WCAt/1189 Analysis Method: SM 2540 C

QC Batch Method: SM 2540 C Prepared:

Associated Lab Samples: T2100534004, T2100534005, T2100534006

METHOD BLANK: 3753356

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Total Dissolved Solids	mg/L	10	10	U

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE: 3753357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Total Dissolved Solids	mg/L	660	580	87	85-115	

SAMPLE DUPLICATE: 3753358 Original: T2100581001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
WET CHEMISTRY						
Total Dissolved Solids	mg/L	220	240	8	10	

QC Batch: EXTj/1045 Analysis Method: EPA 8151

QC Batch Method: 8151 Prepared: 01/14/2021 15:00

Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

METHOD BLANK: 3754029

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
SEMIVOLATILES				
2,4-D	ug/L	2.0	2.0	U
Silvex (2,4,5-TP)	ug/L	1.0	1.0	U
2,4,5-T	ug/L	2.0	2.0	U
2,4-Dichlorophenylacetic acid (S)	%	100	41-122	

LABORATORY CONTROL SAMPLE: 3754030

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
SEMIVOLATILES						
2,4-D	ug/L	24	20	83	45-152	
Silvex (2,4,5-TP)	ug/L	8	6.9	87	51-134	
2,4,5-T	ug/L	8	6.0	75	42-147	
2,4-Dichlorophenylacetic acid (S)	%			107	41-122	

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754031 3754032 Original: M2100178021

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
SEMIVOLATILES											
2,4-D	ug/L	0	24	15	20	63	83	45-152	27	30	
Silvex (2,4,5-TP)	ug/L	0	8	5.9	7.0	74	87	51-134	16	30	
2,4,5-T	ug/L	0	8	5.1	6.1I	64	77	42-147	17	30	
2,4-Dichlorophenylacetic acid (S)	%	98				77	93	41-122	19	30	

QC Batch: WCAt/1226 Analysis Method: EPA 300.0

QC Batch Method: EPA 300.0 Prepared:

Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

METHOD BLANK: 3755470

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Chloride	mg/L	1.0	1.0	U
Sulfate	mg/L	1.0	1.0	U

LABORATORY CONTROL SAMPLE: 3755471

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Chloride	mg/L	25	25	100	90-110	
Sulfate	mg/L	25	26	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755472 3755473 Original: T2100467003

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY											
Chloride	mg/L	3.2	20	24	24	104	104	90-110	1	10	
Sulfate	mg/L	47	20	68	67	104	102	90-110	1	10	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755474 3755475 Original: T2100198002

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY											
Chloride	mg/L	38	20	59	59	105	106	90-110	0	10	
Sulfate	mg/L	11	20	33	32	108	107	90-110	1	10	

QC Batch: MSVt/1070 Analysis Method: SW-846 8260B (SIM)
QC Batch Method: SW-846 5030B Prepared: 01/15/2021 18:41
Associated Lab Samples: T2100534003, T2100534006

METHOD BLANK: 3756280

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
VOLATILES				
Ethylene Dibromide (EDB)	ug/L	0.019	0.019	U
1,2-Dibromo-3-Chloropropane	ug/L	0.023	0.023	U
1,2-Dichloroethane-d4 (S)	%	110	70-130	
Toluene-d8 (S)	%	85	70-130	
Bromofluorobenzene (S)	%	98	70-130	

LABORATORY CONTROL SAMPLE & LCSD: 3756281 3756282

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
VOLATILES										
Ethylene Dibromide (EDB)	ug/L	0.8	0.80	0.82	100	103	70-130	3	30	
1,2-Dibromo-3-Chloropropane	ug/L	0.8	0.82	0.82	102	103	70-130	1	30	
1,2-Dichloroethane-d4 (S)	%				111	109	70-130	1		
Toluene-d8 (S)	%				86	88	70-130	3		
Bromofluorobenzene (S)	%				94	94	70-130	0		

MATRIX SPIKE SAMPLE: 3756283 Original: T2100729001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
VOLATILES							
Ethylene Dibromide (EDB)	ug/L	0	0.8	0.74	93	70-130	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE SAMPLE: 3756283 Original: T2100729001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-Chloropropane	ug/L	0	0.8	0.72	90	70-130	
1,2-Dichloroethane-d4 (S)	%	113			113	70-130	
Toluene-d8 (S)	%	87			85	70-130	
Bromofluorobenzene (S)	%	97			95	70-130	

QC Batch: MSVt/1074 Analysis Method: SW-846 8260B

QC Batch Method: SW-846 5030B Prepared: 01/15/2021 18:41

Associated Lab Samples: T2100534003, T2100534006

METHOD BLANK: 3756288

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
VOLATILES				
Chloromethane	ug/L	0.39	0.39	U
Vinyl Chloride	ug/L	0.44	0.44	U
Bromomethane	ug/L	0.32	0.32	U
Chloroethane	ug/L	0.42	0.42	U
Trichlorofluoromethane	ug/L	0.26	0.26	U
Acetone	ug/L	0.90	0.90	U
1,1-Dichloroethylene	ug/L	0.41	0.41	U
Iodomethane (Methyl Iodide)	ug/L	0.83	0.83	U
Acrylonitrile	ug/L	0.38	0.38	U
Methylene Chloride	ug/L	0.56	0.56	U
Carbon Disulfide	ug/L	0.42	0.42	U
trans-1,2-Dichloroethylene	ug/L	0.39	0.39	U
1,1-Dichloroethane	ug/L	0.38	0.38	U
Vinyl Acetate	ug/L	0.37	0.37	U
2-Butanone (MEK)	ug/L	0.33	0.33	U
cis-1,2-Dichloroethylene	ug/L	0.39	0.39	U
Bromochloromethane	ug/L	0.33	0.33	U
Chloroform	ug/L	0.37	0.37	U
1,2-Dichloroethane	ug/L	0.40	0.40	U
1,1,1-Trichloroethane	ug/L	0.39	0.39	U
Carbon Tetrachloride	ug/L	0.41	0.41	U
Benzene	ug/L	0.28	0.28	U
Dibromomethane	ug/L	0.41	0.41	U
1,2-Dichloropropane	ug/L	0.18	0.18	U
Trichloroethene	ug/L	0.32	0.32	U
Bromodichloromethane	ug/L	0.39	0.39	U
cis-1,3-Dichloropropene	ug/L	0.26	0.26	U

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

METHOD BLANK: 3756288

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/L	0.40	0.40	U
trans-1,3-Dichloropropylene	ug/L	0.26	0.26	U
1,1,2-Trichloroethane	ug/L	0.40	0.40	U
Toluene	ug/L	0.66	0.66	U
2-Hexanone	ug/L	0.42	0.42	U
Dibromochloromethane	ug/L	0.36	0.36	U
Tetrachloroethylene (PCE)	ug/L	0.45	0.45	U
1,1,1,2-Tetrachloroethane	ug/L	0.47	0.47	U
Chlorobenzene	ug/L	0.38	0.38	U
Ethylbenzene	ug/L	0.56	0.56	U
Bromoform	ug/L	0.36	0.36	U
Styrene	ug/L	0.29	0.29	U
1,1,2,2-Tetrachloroethane	ug/L	0.20	0.20	U
1,2,3-Trichloropropane	ug/L	0.22	0.22	U
1,4-Dichlorobenzene	ug/L	0.36	0.36	U
1,2-Dichlorobenzene	ug/L	0.44	0.44	U
trans-1,4-Dichloro-2-butene	ug/L	0.46	0.46	U
Xylene (Total)	ug/L	1.3	1.3	U
1,2-Dichloroethane-d4 (S)	%	115	70-128	
Toluene-d8 (S)	%	99	77-119	
Bromofluorobenzene (S)	%	99	86-123	

LABORATORY CONTROL SAMPLE & LCSD: 3756289 3756290

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
VOLATILES										
Chloromethane	ug/L	20	23	26	115	131		13		
Vinyl Chloride	ug/L	20	22	25	109	126	70-130	14	20	
Bromomethane	ug/L	20	24	32	118	162		32		
Chloroethane	ug/L	20	21	25	105	124		17		
Trichlorofluoromethane	ug/L	20	23	27	117	136		14		
Acetone	ug/L	20	32	37	158	185		16		
1,1-Dichloroethylene	ug/L	20	20	24	100	119	70-130	17	20	
Iodomethane (Methyl Iodide)	ug/L	20	23	35	117	176		40		
Acrylonitrile	ug/L	20	20	24	100	122		19		
Methylene Chloride	ug/L	20	23	26	115	131		13		
Carbon Disulfide	ug/L	20	19	23	96	114		18		
trans-1,2-Dichloroethylene	ug/L	20	18	23	92	115		22		
1,1-Dichloroethane	ug/L	20	18	22	90	110		20		
Vinyl Acetate	ug/L	20	8.7	12	43	59		30		
2-Butanone (MEK)	ug/L	20	17	21	84	103		20		

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE & LCSD: 3756289 3756290

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethylene	ug/L	20	19	22	93	111	70-130	18	20	
Bromochloromethane	ug/L	20	21	26	105	130		21		
Chloroform	ug/L	20	20	23	100	117	70-130	16	20	
1,2-Dichloroethane	ug/L	20	19	22	96	111		14		
1,1,1-Trichloroethane	ug/L	20	19	23	97	117		19		
Carbon Tetrachloride	ug/L	20	19	23	96	117		19		
Benzene	ug/L	20	17	21	85	103	70-130	19	20	
Dibromomethane	ug/L	20	18	22	89	109		20		
1,2-Dichloropropane	ug/L	20	20	24	99	119		18		
Trichloroethene	ug/L	20	19	22	96	112	70-130	15	20	
Bromodichloromethane	ug/L	20	19	23	96	115		17		
cis-1,3-Dichloropropene	ug/L	20	15	18	74	90		20		
4-Methyl-2-pentanone (MIBK)	ug/L	20	19	23	96	114		17		
trans-1,3-Dichloropropylene	ug/L	20	15	18	73	90		20		
1,1,2-Trichloroethane	ug/L	20	19	23	97	114		17		
Toluene	ug/L	20	18	21	89	105	70-130	17	20	
2-Hexanone	ug/L	20	18	21	92	107		15		
Dibromochloromethane	ug/L	20	19	23	94	116		21		
Tetrachloroethylene (PCE)	ug/L	20	21	25	104	123	70-130	17	20	
1,1,1,2-Tetrachloroethane	ug/L	20	22	26	110	129		16		
Chlorobenzene	ug/L	20	17	20	85	101	70-130	17	20	
Ethylbenzene	ug/L	20	19	23	97	113	70-130	15	20	
Bromoform	ug/L	20	20	25	99	126		24		
Styrene	ug/L	20	18	22	91	108		17		
1,1,2,2-Tetrachloroethane	ug/L	20	19	23	97	114		16		
1,2,3-Trichloropropane	ug/L	20	19	23	95	115		19		
1,4-Dichlorobenzene	ug/L	20	17	19	85	95		11		
1,2-Dichlorobenzene	ug/L	20	18	21	88	103	70-130	15	20	
Xylene (Total)	ug/L	60	61	72	102	119	70-130	15	20	
1,2-Dichloroethane-d4 (S)	%				114	117	70-128	3		
Toluene-d8 (S)	%				102	102	77-119	0		
Bromofluorobenzene (S)	%				91	89	86-123	2		

MATRIX SPIKE SAMPLE: 3756291 Original: T2100729003

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
VOLATILES							
Chloromethane	ug/L	0	20	28	138		
Vinyl Chloride	ug/L	0	20	23	116	70-130	
Bromomethane	ug/L	0	20	29	144		

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE SAMPLE: 3756291 Original: T2100729003

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	0	20	25	123		
Trichlorofluoromethane	ug/L	0	20	28	138		
Acetone	ug/L			54			
1,1-Dichloroethylene	ug/L	0	20	25	123	70-130	
Iodomethane (Methyl Iodide)	ug/L			28			
Acrylonitrile	ug/L			26			
Methylene Chloride	ug/L	0	20	24	122		
Carbon Disulfide	ug/L			22			
trans-1,2-Dichloroethylene	ug/L	0	20	24	118		
1,1-Dichloroethane	ug/L	0	20	23	114		
Vinyl Acetate	ug/L			19			
2-Butanone (MEK)	ug/L			23			
cis-1,2-Dichloroethylene	ug/L	0	20	23	113	70-130	
Bromochloromethane	ug/L			27			
Chloroform	ug/L	0	20	25	127	70-130	
1,2-Dichloroethane	ug/L	0	20	25	123		
1,1,1-Trichloroethane	ug/L	0	20	25	126		
Carbon Tetrachloride	ug/L	0	20	27	133		
Benzene	ug/L			21			
Dibromomethane	ug/L			23			
1,2-Dichloropropane	ug/L	0	20	25	126		
Trichloroethene	ug/L	0	20	22	109	70-130	
Bromodichloromethane	ug/L	0	20	25	123		
cis-1,3-Dichloropropene	ug/L	0	20	18	92		
4-Methyl-2-pentanone (MIBK)	ug/L			26			
trans-1,3-Dichloropropylene	ug/L	0	20	18	90		
1,1,2-Trichloroethane	ug/L	0	20	39	193		
Toluene	ug/L			21			
2-Hexanone	ug/L			24			
Dibromochloromethane	ug/L	0	20	25	126		
Tetrachloroethylene (PCE)	ug/L	0	20	26	128	70-130	
1,1,1,2-Tetrachloroethane	ug/L			27			
Chlorobenzene	ug/L	0	20	20	98	70-130	
Ethylbenzene	ug/L			18			
Bromoform	ug/L	0	20	28	140		
Styrene	ug/L			15			
1,1,2,2-Tetrachloroethane	ug/L	0	20	26	130		
1,2,3-Trichloropropane	ug/L			23			
1,4-Dichlorobenzene	ug/L	0	20	20	99		
1,2-Dichlorobenzene	ug/L	0	20	20	101	70-130	
Xylene (Total)	ug/L			70			
1,2-Dichloroethane-d4 (S)	%	115			124	70-128	

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

MATRIX SPIKE SAMPLE: 3756291 Original: T2100729003

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%	91			104	77-119	
Bromofluorobenzene (S)	%	95			90	86-123	

QC Batch: WCAt/1239 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Prepared:
Associated Lab Samples: T2100534001, T2100534002, T2100534003, T2100534004, T2100534005, T2100534006

METHOD BLANK: 3756634

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Ammonia (N)	mg/L	0.015	0.015	U

LABORATORY CONTROL SAMPLE: 3756635

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Ammonia (N)	mg/L	1	0.97	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756638 3756639 Original: T2100780002

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY											
Ammonia (N)	mg/L	0.09	1	0.93	0.96	84	87	90-110	3	10	

QC Batch: WCAt/1302 Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E Prepared:
Associated Lab Samples: T2100534001, T2100534002, T2100534004, T2100534005

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

METHOD BLANK: 3759319

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Cyanide	mg/L	0.0040	0.0040	U

LABORATORY CONTROL SAMPLE: 3759320

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
WET CHEMISTRY						
Cyanide	mg/L	0.04	0.039	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3759321 3759322 Original: T2100534001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY											
Cyanide	mg/L	-0.00056	0.04	0.037	0.038	94	96	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3759323 3759324 Original: T2100935001

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY											
Cyanide	mg/L	-0.00089	0.04	0.040	0.038	101	96	90-110	5	10	

QC Batch: WCAt/1346 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Prepared:
Associated Lab Samples: T2100534003, T2100534006

METHOD BLANK: 3761854

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
WET CHEMISTRY				
Chloride	mg/L	2.6	2.6	U

CERTIFICATE OF ANALYSIS

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA

Workorder: T2100534 SELF Sup. Site Assessment

LABORATORY CONTROL SAMPLE & LCSD: 3761855 3761856

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY										
Chloride	mg/L	50	51	51	103	103	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3761857 3761858 Original: T2100534006

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
WET CHEMISTRY											
Chloride	mg/L	0.6	50	50	52	101	103	90-110	2	10	

QUALITY CONTROL DATA QUALIFIERS

Workorder: T2100534 SELF Sup. Site Assessment

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

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2100534001	TH-22A	SW-846 3010A	DGMt/1028	SW-846 6010	ICPt/1020
T2100534002	TH-83	SW-846 3010A	DGMt/1028	SW-846 6010	ICPt/1020
T2100534003	TH-84	SW-846 3010A	DGMt/1028	SW-846 6010	ICPt/1020
T2100534004	Field Blank	SW-846 3010A	DGMt/1028	SW-846 6010	ICPt/1020
T2100534005	Duplicate	SW-846 3010A	DGMt/1028	SW-846 6010	ICPt/1020
T2100534006	Equipment Blank	SW-846 3010A	DGMt/1028	SW-846 6010	ICPt/1020
T2100534001	TH-22A			SM 4500-S D	WCAt/1110
T2100534002	TH-83			SM 4500-S D	WCAt/1110
T2100534004	Field Blank			SM 4500-S D	WCAt/1110
T2100534005	Duplicate			SM 4500-S D	WCAt/1110
T2100534001	TH-22A			SM 4500NO3-F	WCAt/1112
T2100534002	TH-83			SM 4500NO3-F	WCAt/1112
T2100534003	TH-84			SM 4500NO3-F	WCAt/1112
T2100534004	Field Blank			SM 4500NO3-F	WCAt/1112
T2100534005	Duplicate			SM 4500NO3-F	WCAt/1112
T2100534006	Equipment Blank			SM 4500NO3-F	WCAt/1112
T2100534001	TH-22A	SW-846 3510C	EXTt/1016	EPA 8081	GCSt/1007
T2100534002	TH-83	SW-846 3510C	EXTt/1016	EPA 8081	GCSt/1007
T2100534004	Field Blank	SW-846 3510C	EXTt/1016	EPA 8081	GCSt/1007
T2100534005	Duplicate	SW-846 3510C	EXTt/1016	EPA 8081	GCSt/1007
T2100534001	TH-22A	SW-846 3510C	EXTt/1017	SW-846 8082A	GCSt/1008
T2100534002	TH-83	SW-846 3510C	EXTt/1017	SW-846 8082A	GCSt/1008
T2100534004	Field Blank	SW-846 3510C	EXTt/1017	SW-846 8082A	GCSt/1008
T2100534005	Duplicate	SW-846 3510C	EXTt/1017	SW-846 8082A	GCSt/1008
T2100534001	TH-22A	SW-846 7470A	DGMt/1037	SW-846 7470A	CVAt/1009
T2100534002	TH-83	SW-846 7470A	DGMt/1037	SW-846 7470A	CVAt/1009
T2100534003	TH-84	SW-846 7470A	DGMt/1037	SW-846 7470A	CVAt/1009
T2100534004	Field Blank	SW-846 7470A	DGMt/1037	SW-846 7470A	CVAt/1009

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2100534005	Duplicate	SW-846 7470A	DGMt/1037	SW-846 7470A	CVAt/1009
T2100534006	Equipment Blank	SW-846 7470A	DGMt/1037	SW-846 7470A	CVAt/1009
T2100534001	TH-22A			SM 2540 C	WCAt/1153
T2100534002	TH-83			SM 2540 C	WCAt/1153
T2100534003	TH-84			SM 2540 C	WCAt/1153
T2100534001	TH-22A	SW-846 3010A	DGMj/1033	SW-846 6020	ICMj/1012
T2100534002	TH-83	SW-846 3010A	DGMj/1033	SW-846 6020	ICMj/1012
T2100534003	TH-84	SW-846 3010A	DGMj/1033	SW-846 6020	ICMj/1012
T2100534004	Field Blank	SW-846 3010A	DGMj/1033	SW-846 6020	ICMj/1012
T2100534005	Duplicate	SW-846 3010A	DGMj/1033	SW-846 6020	ICMj/1012
T2100534006	Equipment Blank	SW-846 3010A	DGMj/1033	SW-846 6020	ICMj/1012
T2100534001	TH-22A	SW-846 3510C	EXTj/1043	SW-846 8270C	MSSj/1022
T2100534002	TH-83	SW-846 3510C	EXTj/1043	SW-846 8270C	MSSj/1022
T2100534004	Field Blank	SW-846 3510C	EXTj/1043	SW-846 8270C	MSSj/1022
T2100534005	Duplicate	SW-846 3510C	EXTj/1043	SW-846 8270C	MSSj/1022
T2100534001	TH-22A	SW-846 5030B	MSVj/1040	SW-846 8260B (SIM)	MSVj/1041
T2100534002	TH-83	SW-846 5030B	MSVj/1040	SW-846 8260B (SIM)	MSVj/1041
T2100534004	Field Blank	SW-846 5030B	MSVj/1040	SW-846 8260B (SIM)	MSVj/1041
T2100534005	Duplicate	SW-846 5030B	MSVj/1040	SW-846 8260B (SIM)	MSVj/1041
T2100534001	TH-22A	SW-846 5030B	MSVj/1042	SW-846 8260B	MSVj/1043
T2100534002	TH-83	SW-846 5030B	MSVj/1042	SW-846 8260B	MSVj/1043
T2100534004	Field Blank	SW-846 5030B	MSVj/1042	SW-846 8260B	MSVj/1043
T2100534005	Duplicate	SW-846 5030B	MSVj/1042	SW-846 8260B	MSVj/1043
T2100534004	Field Blank			SM 2540 C	WCAt/1189
T2100534005	Duplicate			SM 2540 C	WCAt/1189
T2100534006	Equipment Blank			SM 2540 C	WCAt/1189

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2100534001	TH-22A	8151	EXTj/1045	EPA 8151	GCSj/1023
T2100534002	TH-83	8151	EXTj/1045	EPA 8151	GCSj/1023
T2100534004	Field Blank	8151	EXTj/1045	EPA 8151	GCSj/1023
T2100534005	Duplicate	8151	EXTj/1045	EPA 8151	GCSj/1023
T2100534001	TH-22A			EPA 300.0	WCAt/1226
T2100534002	TH-83			EPA 300.0	WCAt/1226
T2100534004	Field Blank			EPA 300.0	WCAt/1226
T2100534005	Duplicate			EPA 300.0	WCAt/1226
T2100534003	TH-84	SW-846 5030B	MSVt/1070	SW-846 8260B (SIM)	MSVt/1071
T2100534006	Equipment Blank	SW-846 5030B	MSVt/1070	SW-846 8260B (SIM)	MSVt/1071
T2100534003	TH-84	SW-846 5030B	MSVt/1074	SW-846 8260B	MSVt/1075
T2100534006	Equipment Blank	SW-846 5030B	MSVt/1074	SW-846 8260B	MSVt/1075
T2100534001	TH-22A			EPA 350.1	WCAt/1239
T2100534002	TH-83			EPA 350.1	WCAt/1239
T2100534003	TH-84			EPA 350.1	WCAt/1239
T2100534004	Field Blank			EPA 350.1	WCAt/1239
T2100534005	Duplicate			EPA 350.1	WCAt/1239
T2100534006	Equipment Blank			EPA 350.1	WCAt/1239
T2100534001	TH-22A			SM 4500-CN-E	WCAt/1302
T2100534002	TH-83			SM 4500-CN-E	WCAt/1302
T2100534004	Field Blank			SM 4500-CN-E	WCAt/1302
T2100534005	Duplicate			SM 4500-CN-E	WCAt/1302
T2100534003	TH-84			SM 4500-Cl-E	WCAt/1346
T2100534006	Equipment Blank			SM 4500-Cl-E	WCAt/1346
T2100534001	TH-22A	Field Measurements	FLDt/	Field Measurements	FLDt/
T2100534002	TH-83	Field Measurements	FLDt/	Field Measurements	FLDt/

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2100534 SELF Sup. Site Assessment

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2100534003	TH-84	Field Measurements	FLDt/	Field Measurements	FLDt/

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☐ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☒ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

Client Name:	Hills. Co. Public Utilities	Project Name:	SELF Sup. Site Assessment
Address:	332 North Falkenburg Rd	Project Number:	N/A
	Tampa, FL 33619	PO Number:	N/A
Phone:	(813) 663-3222	FDEP Facility No:	
FAX:	(813) 274-6801	FDEP Facility Addr:	15960 CR 672
Contact:	Michael Townsel		
Sampled By:	Grayson, Morales	Special Instructions:	
Turn Around Time:	Standard Rush		
AEL Profile #:	66309	ADaPT EQuIS Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preservation	Field-Filtered?	Total Ammonia-N	Chlorides	Fe, Hg, Na	Nitate	TDS	40 CFR Part 258 Appendix II	40 CFR Part 258 Appendix I				LABORATORY I.D. NUMBER
						BOTTLE SIZE & TYPE													
	TH-22A	G	1/8/21	1022	GW	~~15~~ 14	H	1/8/21	X	X	X	X	X	X					001
	TH-83	G	1/8/21	1111	GW	14			X	X	X	X	X	X					002
	TH-84	G	1/8/21	1443	GW	8			X	X	X	X	X		X				003
	Field Blank	G	1/8/21	1002	DI	~~13~~ 14	H	1/8/21	X	X	X	X	X	X	~~X~~	HP			004
	Duplicate	G	1/8/21	—	GW	14			X	X	X	X	X	X					005
	Equipment BLANK	G	1/8/21	1425	DI	8			X	X	X	X	X		X	HP	Per Client		006

T2100534

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked

Temp. when received (observed) 6 °C Temp. when received (corrected) 6 °C

DCN: AD-D051web Form last revised 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		1/8/21	1556		1/8/21	1557
2						
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-22A	SAMPLE ID: TH-22A	DATE: 01/08/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 17.90 ft to 27.90 ft	STATIC DEPTH TO WATER (feet): 4.36	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (27.90 feet – 4.36 feet) X 0.16 gallons/foot = 3.77 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.90	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.90	PURGING INITIATED AT: 1002	PURGING ENDED AT: 1022	TOTAL VOLUME PURGED (gallons): 4.80

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)
1018	3.84	3.84	0.24	4.71	4.47	21.7	171.4	1.25	1.26	clear	None
1020	0.48	4.32	0.24	4.71	4.47	21.8	172.5	0.98	1.41	clear	None
1022	0.48	4.80	0.24	4.71	4.45	21.7	172.8	0.58	1.16	clear	None

1/8/21

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: Grayson, Morales	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1022	SAMPLING ENDED AT: 1025
PUMP OR TUBING DEPTH IN WELL (feet): 26.90	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE COC FOR ANALYSIS** **ORP:** 1018 (63.1) 1020 (55.6) 1022 (60.1)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After 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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-83	SAMPLE ID: TH-83	DATE: 1/8/21

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 5.47 ft to 15.47 Ft	STATIC DEPTH TO WATER (feet): 9.13	PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (15.47 feet − 9.13 feet) X 0.16 gallons/foot = 1.01 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.47	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.47	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1111	TOTAL VOLUME PURGED (gallons): 1.424

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1107	1.068	1.068	0.089	9.14	6.35	22.9	481.0	3.24	1.85	Clear	None
1109	0.178	1.246	0.089	9.14	6.35	22.9	482.9	3.25	1.97	Clear	None
1111	0.178	1.424	0.089	9.14	6.35	23.0	483.8	3.23	2.13	Clear	None

1/8/21

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: Grayson, Morales	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1111	SAMPLING ENDED AT: 1115
PUMP OR TUBING DEPTH IN WELL (feet): 14.47	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE C.O.C. FOR SAMPLE ANALYSIS** **ORP:** 1107 (89.7) 1109 (88.0) 1111 (85.6)

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After 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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: TH-84	SAMPLE ID: TH-84	DATE: 1/8/2021

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 8.07 ft to 18.07 Ft	STATIC DEPTH TO WATER (feet): 13.93	PURGE PUMP TYPE OR BAILER: ~~BP~~ 1/8/2021 peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (18.07 feet – 13.93 feet) X 0.16 gallons/foot = 0.66 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17 ~~17.07~~ 1/8/21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17 ~~17.07~~ 1/8/21	PURGING INITIATED AT: 1432	PURGING ENDED AT: 1443	TOTAL VOLUME PURGED (gallons): 1.1

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1439	0.7	0.7	0.1	14.39	5.90	24.9	284.7	1.46	17.7	clear	None
1441	0.2	0.9	0.1	14.39	5.87	25.0	291.6	1.40	12.9	clear	None
1443	0.2	1.1	0.1	14.39	5.86	25.0	297.6	1.43	12.7	clear	None

1/8/2021

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: Grayson, Morales	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1443	SAMPLING ENDED AT: 1446
PUMP OR TUBING DEPTH IN WELL (feet): ~~17.07~~ 1/8/21 17	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y (N) Filtration Equipment Type	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			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			

REMARKS: **SEE C.O.C. FOR SAMPLE ANALYSIS** **ORP:** 1439 (113.0) 1441 (101.2) 1443 (88.9)

MATERIAL CODES **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After 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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Field Blank	SAMPLE ID: Field Blank	DATE: 1/8/2021

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: N/A

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet – N/A feet) X 0.16 gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

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)

1/8/21
Field
Blank

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: Grayson, Morales	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1002	SAMPLING ENDED AT: 1005
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N (replaced))	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE C.O.C. FOR SAMPLE ANALYSIS**

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After 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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: DUPLICATE	SAMPLE ID: DUPLICATE	DATE:

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: N/A

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet – N/A feet) X 0.16 gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

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)

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: N/A	SAMPLING ENDED AT: N/A
PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: T	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE C.O.C. FOR SAMPLE ANALYSIS**

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After 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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Southeast County Landfill	SITE LOCATION: Lithia, Florida	
WELL NO: Equipment Blank	SAMPLE ID: Equipment Blank	DATE: 1/8/2021

PURGING DATA

WELL DIAMETER (inches): N/A	TUBING DIAMETER (inches): N/A	WELL SCREEN INTERVAL DEPTH: N/A ft to N/A ft	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: N/A

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (N/A feet – N/A feet) X N/A gallons/foot = N/A gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= N/A gallons + (N/A gallons/foot X N/A feet) + N/A gallons = N/A gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	FINAL PUMP OR TUBING DEPTH IN WELL (feet): N/A	PURGING INITIATED AT: N/A	PURGING ENDED AT: N/A	TOTAL VOLUME PURGED (gallons): N/A

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)

1/8/2021

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: Grayson, Morales	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1425	SAMPLING ENDED AT: 1428

PUMP OR TUBING DEPTH IN WELL (feet): N/A	TUBING MATERIAL CODE: N/A	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N (replaced)) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)

REMARKS: **SEE COC FOR ANALYSIS** **ORP: N/A**

MATERIAL CODES **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After 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)

Advanced Environmental Laboratories, Inc.

Work Order: T2100534
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation:	All holding times were met.
Analysis:	All holding times were met.

III. Method

Analysis:	SW-846 6020
Preparation:	SW-846 3010A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration:	All acceptance criteria were met.
Blanks:	All acceptance criteria were met.
Spikes	The matrix spike recoveries of Mn and Sn for T2100534001 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) which indicates the analytical batch was in control. The data is flagged accordingly.
Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	
Serial Dilution:	All acceptance criteria were met.
Duplicates:	The relative percent difference (RPD) for the following analyte in the replicate matrix spike analyses of T2100534001 was outside control criteria: Manganese. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the MS and associated LCS were within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.

Advanced Environmental Laboratories, Inc.

Work Order: T2100534
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: SW-846 8270C

Preparation: SW-846 3510C

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.

Blanks: All acceptance criteria were met.

Surrogates: The control criteria for Phenol-d6 in T2100534001, T2100534002, T2100534004, T2100534005, and A2100286001 are not applicable. As recorded in the extraction logbook, the samples formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect surrogate yields. The affected surrogates were qualified to indicate matrix interference.

Spikes The analytes which are typically spiked for the 8270 QC were inadvertently not spiked due to an error in the standard mix. The 8270 QC was spiked with non-target analytes; the spiked analytes met the method requirement for quantity of analytes spiked. All analytes which were spiked in the LCS passed control criterion. The data were reported as is.

Internal Standard: All acceptance criteria were met.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

Work Order: T2100534
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation:	All holding times were met.
Analysis:	All holding times were met.

III. Method

Analysis:	SW-846 7470A
Preparation:	SW-846 7470A

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration:	All acceptance criteria were met.
Blanks:	All acceptance criteria were met.
Surrogates:	All acceptance criteria were met.
Spikes	The matrix spike (MS) and matrix spike duplicate (MSD) recoveries of Mercury for S2100059004 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) was acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action is required.
Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	All acceptance criteria were met.
Serial Dilution:	All acceptance criteria were met.
Duplicates:	All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

Work Order: T2100534
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation:	All holding times were met.
Analysis:	All holding times were met.

III. Method

Analysis:	EPA 8151
Preparation:	8151

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration:	All acceptance criteria were met.
Blanks:	All acceptance criteria were met.
Surrogates:	All acceptance criteria were met.
Spikes	The relative percent difference (RPD) for the following analyte in the replicate matrix spike analyses of M2100178021 was outside control criteria: 2,4-DB. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the MS, MSD and associated LCS were within acceptable limits, indicating the analytical batch was in control. No further corrective action was needed.
Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

Work Order: T2100534
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: EPA 8081

Preparation: SW-846 3510C

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: The upper control criterion was exceeded for multiple analytes in the closing Continuing Calibration Verification (CCV). The client samples analyzed in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. No further corrective action was required.

Blanks: All acceptance criteria were met.

Surrogates: All acceptance criteria were met.

Spikes All acceptance criteria were met.

Internal Standard: All acceptance criteria were met.

Samples: All acceptance criteria were met.

Other: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

Work Order: T2100534
Client: Hillsborough County Public Utilities
Project ID: SELF Sup. Site Assessment

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation:	All holding times were met.
Analysis:	All holding times were met.

III. Method

Analysis:	EPA 350.1
Preparation:	

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration:	All acceptance criteria were met.
Blanks:	All acceptance criteria were met.
Surrogates:	All acceptance criteria were met.
Spikes	The matrix spike recovery of NH3 for T2100780002 was outside control criteria. Recoveries in the Laboratory Control Sample (LCS) and %RPD were acceptable, which indicates the analytical batch was in control. The matrix spike outlier suggests a potential low bias in this matrix. No further corrective action was required.
Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	All acceptance criteria were met.
Serial Dilution:	All acceptance criteria were met.
Duplicates:	All acceptance criteria were met.