Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954)889-2288
Fax: (954)889-2281

June 7, 2017

Jordan Skaggs
Florida Department of Environmental Assessment & Restoration
2199 S Rock Road
Fort Pierce, FL 34945

RE: Workorder: M1702189 Dade Orange

Dear Jordan Skaggs:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, June 05, 2017. 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,

Tiffany Mackie - Client Services Manager
TMackie@AELLab.com

Enclosures

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954)889-2288
Fax: (954)889-2281

SAMPLE SUMMARY

Workorder: M1702189 Dade Orange

Lab ID	Sample ID	Matrix	Date Collected	Date Received
M1702189001	G4SEBS04	Water	6/5/2017 10:55	6/5/2017 13:00
M1702189002	42009060	Water	6/5/2017 11:30	6/5/2017 13:00
M1702189003	42009058	Water	6/5/2017 12:15	6/5/2017 13:00

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954)889-2288
Fax: (954)889-2281

ANALYTICAL RESULTS

Workorder: M1702189 Dade Orange

Lab ID: **M1702189001** Date Received: 06/05/17 13:00 Matrix: Water
Sample ID: **G4SEBS04** Date Collected: 06/05/17 10:55

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Escherichia Coli,EPA 1603,Water	Analytical Method: EPA 1603							
E. Coli	**500**		**#/100 mL**	**10**	10	10	6/5/2017 14:00	M^

Lab ID: **M1702189002** Date Received: 06/05/17 13:00 Matrix: Water
Sample ID: **42009060** Date Collected: 06/05/17 11:30

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus,EPA 1600,Water	Analytical Method: EPA 1600 (MF)							
Enterococcus	**16800**	**B**	**#/100 mL**	**100**	100	100	6/5/2017 14:25	M

Lab ID: **M1702189003** Date Received: 06/05/17 13:00 Matrix: Water
Sample ID: **42009058** Date Collected: 06/05/17 12:15

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus,EPA 1600,Water	Analytical Method: EPA 1600 (MF)							
Enterococcus	**56**	**B**	**#/100 mL**	**4**	4	4	6/5/2017 14:25	M

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954)889-2288
Fax: (954)889-2281

ANALYTICAL RESULTS QUALIFIERS

Workorder: M1702189 Dade Orange

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.
B	Results based upon colony counts outside the acceptable range.

LAB QUALIFIERS

M	DOH Certification #E82535(AEL-M)(FL NELAC Certification)
M^	Not Certified

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

3004.1.0.0

Advanced Environmental Laboratories, Inc.
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954)889-2288
Fax: (954)889-2281

QUALITY CONTROL DATA

Workorder: M1702189 Dade Orange

QC Batch: MICm/1813 Analysis Method: EPA 1600 (MF)
QC Batch Method: EPA 1600 (MF) Prepared:
Associated Lab Samples: M1702189002, M1702189003

METHOD BLANK: 2373157

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Microbiology				
Enterococcus	#/100 mL	1	1	U

METHOD BLANK: 2373158

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Microbiology				
Enterococcus	#/100 mL	1	1	U

QC Batch: MICm/1814 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: M1702189001

METHOD BLANK: 2373160

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Microbiology				
E. Coli	#/100 mL	1	1	U

METHOD BLANK: 2373161

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Microbiology				
E. Coli	#/100 mL	1	1	U

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
10200 USA Today Way Miramar, FL 33025
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (954)889-2288
Fax: (954)889-2281

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: M1702189 Dade Orange

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
M1702189002	42009060			EPA 1600 (MF)	MICm/1813
M1702189003	42009058			EPA 1600 (MF)	MICm/1813
M1702189001	G4SEBS04			EPA 1603	MICm/1814

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Advanced Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

3004.1.0.0

Advanced Environmental Laboratories, Inc.

Altamonte Springs: 380 Northlake Blvd., Suite 1048 • Altam
Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.
Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216
Miramar: 10200 USA Today Way • Miramar, FL 33025 • 954.88
Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee
Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9b

M1702189

Client Name: FDEP	Project Name: Dade Orange
Address: 2199 S. Rock Rd	P.O. Number or Project Number: RR-2017-06-05-25
Fort Pierce, FL 34945	FDEP Facility No:
Phone: 941-809-6227	Project Address:
FAX:	Special Instructions:
Contact:	
Sampled By: Jimmy Pitts	
Turn Around Time: ☐ STANDARD ☐ RUSH	
Page: ___ of ___	☐ ADaPT ☐ EQuIS ☐ Other

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	PRESERVATION	BOTTLE SIZE & TYPE: 1L Amb	1L Amb									LABORATORY I.D. NUMBER
								ANALYSIS REQUIRED: TSS, Col (count)	TDS/SO4									
								N	N									
6495FB1504			6/5	1655	SW	1		X										001
42.6097W			6/5	1730	SW	1			X									002
42097658			6/5	1215	SW	1			X									003

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 Temperature when received 4.0 (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 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

	Relinquished by:	Date	Time	Received by:	Date	Time
1	Jimmy Pitts	6/5/17	1300	[illegible]	6.5.17	1300
2						
3						
4						

FOR DRINKING WATER USE:

PWS ID:
Contact Person: Phone:
Supplier of Water:
Site-Address: