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

May 12, 2017

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

RE: Workorder: M1701277 Dade Orange

Dear Jordan Skaggs:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, March 30, 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

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SAMPLE SUMMARY

Workorder: M1701277 Dade Orange

Lab ID	Sample ID	Matrix	Date Collected	Date Received
M1701277001	G4SEBS04	Water	3/30/2017 11:00	3/30/2017 13:30
M1701277002	42009060	Water	3/30/2017 11:40	3/30/2017 13:30
M1701277003	42009058	Water	3/30/2017 12:30	3/30/2017 13:30

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ANALYTICAL RESULTS

Workorder: M1701277 Dade Orange

Lab ID: **M1701277001** Date Received: 03/30/17 13:30 Matrix: Water
Sample ID: **G4SEBS04** Date Collected: 03/30/17 11:00

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	**128**		**#/100 mL**	**4**	4	4	3/30/2017 14:15	M^

Lab ID: **M1701277002** Date Received: 03/30/17 13:30 Matrix: Water
Sample ID: **42009060** Date Collected: 03/30/17 11:40

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	**128**		**#/100 mL**	**1**	1	1	3/30/2017 14:00	M

Lab ID: **M1701277003** Date Received: 03/30/17 13:30 Matrix: Water
Sample ID: **42009058** Date Collected: 03/30/17 12:30

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	**37**		**#/100 mL**	**1**	1	1	3/30/2017 14:00	M

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ANALYTICAL RESULTS QUALIFIERS

Workorder: M1701277 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.

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: M1701277 Dade Orange

QC Batch: MICm/1686 Analysis Method: EPA 1600 (MF)
QC Batch Method: EPA 1600 (MF) Prepared:
Associated Lab Samples: M1701277002, M1701277003

METHOD BLANK: 2312427

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

METHOD BLANK: 2312428

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

QC Batch: MICm/1688 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: M1701277001

METHOD BLANK: 2313093

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: M1701277 Dade Orange

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
M1701277002	42009060			EPA 1600 (MF)	MICm/1686
M1701277003	42009058			EPA 1600 (MF)	MICm/1686
M1701277001	G4SEBS04			EPA 1603	MICm/1688

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ACCREDITED IN ACCORDANCE WITH nelac

3004.1.0.0

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☐ Gainesville: 4965 SW 41st Blvd. • Gainesvill[illegible]
☐ Jacksonville: 6881 Southpoint Pkwy. • Jack[illegible]
☐ Miramar: 10200 USA Today Way • Miramar, [illegible]
☐ Tallahassee: 2639 North Monroe Street, Su[illegible]
☐ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • [illegible]

407.937.1597

M1701277

3275

Client Name: FDEP
Address: 2199 S. Rock Rd.
Fort Pierce, FL 34945
Phone: 941-809-6227
FAX:
Contact: james.pitts@dep.state.fl.us
Sampled By: James Pitts
Turn Around Time: ☐ STANDARD ☐ RUSH
Page: ___ of ___

Project Name: Dade Orange
P.O. Number or Project Number: RQ-2017-03-27-22
FDEP Facility No:
Project Address:
Special Instructions:
☐ ADaPT ☐ EQuIS ☐ Other

BOTTLE SIZE & TYPE

ANALYSIS REQUIRED

PRESERVATION

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	E. coli Counts	Enters									LABORATORY I.D. NUMBER
64SEB504			3/30	1100	SW	1	✓										001
42009060			3/30	1140	SW	1		✓									002
42009058			3/30	1230	SW	1		✓									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 = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

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

Temperature when received 4.6 (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	James Pitts	3/30	1330	[signature]	5304	1330
2						
3						
4						

FOR DRINKING WATER USE:

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