



Advanced Environmental Laboratories, Inc
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April 10, 2018

Francis Moore
FDEP-Bureau of Labs-Bio Section -Twin Towers Lab Complex A
Rm 216 MS 6515
2600 Blair Stone Rd.
Tallahassee, FL 32399

RE: Workorder: T1805044 SMP AF315E

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, March 27, 2018. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

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

Sincerely,

A handwritten signature in black ink that reads 'Heidi Parker'.

Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

Report ID: 545844 - 475052

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SAMPLE SUMMARY

Workorder: T1805044 SMP AF315E

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1805044001	G2SW0037	Water	3/27/2018 10:50	3/27/2018 12:15
T1805044002	G1SW0091	Water	3/27/2018 10:15	3/27/2018 12:15
T1805044003	G1SW0090	Water	3/27/2018 09:50	3/27/2018 12:15
T1805044004	G1SW0089	Water	3/27/2018 09:30	3/27/2018 12:15

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ANALYTICAL RESULTS

Workorder: T1805044 SMP AF315E

Lab ID: **T1805044001**

Date Received: 03/27/18 12:15 Matrix: Water

Sample ID: **G2SW0037**

Date Collected: 03/27/18 10:50

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	168	1	#/100 mL	4	4	4	3/27/2018 14:40	T

Lab ID: **T1805044002**

Date Received: 03/27/18 12:15 Matrix: Water

Sample ID: **G1SW0091**

Date Collected: 03/27/18 10:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus,9230C,Water			Analytical Method: SM 9230 C (MF)					
Enterococcus	6000	Z,2	#/100 mL	100	100	100	3/27/2018 14:50	T

Lab ID: **T1805044003**

Date Received: 03/27/18 12:15 Matrix: Water

Sample ID: **G1SW0090**

Date Collected: 03/27/18 09:50

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Fecal Coliform MF,SM9222D,Water			Analytical Method: SM 9222D					
Coliform Fecal	4	3,B	#/100 mL	4	4	4	3/27/2018 14:40	T
Analysis Desc: Enterococcus,9230C,Water			Analytical Method: SM 9230 C (MF)					
Enterococcus	24	B,2	#/100 mL	4	4	4	3/27/2018 14:50	T

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ANALYTICAL RESULTS

Workorder: T1805044 SMP AF315E

Lab ID: **T1805044004**

Date Received: 03/27/18 12:15 Matrix: Water

Sample ID: **G1SW0089**

Date Collected: 03/27/18 09:30

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Fecal Coliform MF,SM9222D,Water			Analytical Method: SM 9222D					
Coliform Fecal	4	3,B	#/100 mL	4	4	4	3/27/2018 14:40	T
Analysis Desc: Enterococcus,9230C,Water			Analytical Method: SM 9230 C (MF)					
Enterococcus	8	B,2	#/100 mL	4	4	4	3/27/2018 14:50	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1805044 SMP AF315E

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.
- [3] In Incubator 3/27/18 14:40 - 3/28/18 12:40
- B Results based upon colony counts outside the acceptable range.
- [2] In Incubator: 3/27/18 14:50 - 3/28/18 12:50
- [1] Incubator 1: 3/27/18 14:40 - 16:40, Incubator 2: 3/27/18 16:40 - 3/28/18 12:40
- Z Too Numerous To Count (Total Coliform); numeric value represents the Colony count calculated using the upper limit of the ideal range and the lowest filtration volume used.

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T1805044 SMP AF315E

QC Batch: MICt/1424 Analysis Method: SM 9222D
QC Batch Method: SM 9222D Prepared:
Associated Lab Samples: T1805044003, T1805044004

METHOD BLANK: 2661151

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

METHOD BLANK: 2661156

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

QC Batch: MICt/1425 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1805044001

METHOD BLANK: 2661159

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

QC Batch: MICt/1426 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1805044002, T1805044003, T1805044004

METHOD BLANK: 2661162

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1805044 SMP AF315E

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1805044003	G1SW0090			SM 9222D	MICt/1424
T1805044004	G1SW0089			SM 9222D	MICt/1424
T1805044001	G2SW0037			EPA 1603	MICt/1425
T1805044002	G1SW0091			SM 9230 C (MF)	MICt/1426
T1805044003	G1SW0090			SM 9230 C (MF)	MICt/1426
T1805044004	G1SW0089			SM 9230 C (MF)	MICt/1426

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☒	Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE										LABORATORY I.D. #	
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: AF315E		Analysis Required		ENT. FC		ENT.		E. COLI					
Phone: 813-470-5770		Project Address:		Special Instructions: RQ-2018-03-26-04											
Contact: Judy Ashton 813-470-5772															
Sampled By:															
Turn Around Time: ☒ STANDARD ☐ RUSH															
Page: of		☐ ADaPT ☐ EQuIS ☐ Other													
SAMPLE ID		SAMPLE DESCRIPTION		Grab Comp		SAMPLING DATE TIME		MATRIX		NO. COUNT		PRE-SER-VATI-ON			
Field ID/WIN		G2SW0037				3-27-18 1050		SW		1					
Site Name:		Little Manate River @ SP													
Field ID/WIN		G1SW0091				3-27-18 1015		"		1					
Site Name:		Piney Point Creek @ County Line Rd													
Field ID/WIN		G1SW0090				3-27-18 0950		"		2					
Site Name:		Cockroach Bay @ Dockage													
Field ID/WIN		G1SW0089				3-27-18 0930		"		2					
Site Name:		Cockroach Bay @ Boat Ramp													
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 4.0 (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 6-11-18 1215 T. D. D. 3/21/18 1215															
FOR DRINKING WATER USE: PWS ID:															