

May 2, 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: T1806866 SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, April 23, 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,



Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

Report ID: 551620 - 594200

Page 1 of 8

CERTIFICATE OF ANALYSIS

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



SAMPLE SUMMARY

Workorder: T1806866 SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1806866001	G1SW0089	Water	4/23/2018 09:00	4/23/2018 12:40
T1806866002	G1SW0089	Water	4/23/2018 09:10	4/23/2018 12:40
T1806866003	G1SW0090	Water	4/23/2018 09:20	4/23/2018 12:40
T1806866004	G1SW0091	Water	4/23/2018 10:00	4/23/2018 12:40
T1806866005	G2SW0037	Water	4/23/2018 10:30	4/23/2018 12:40

CERTIFICATE OF ANALYSIS

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



ANALYTICAL RESULTS

Workorder: T1806866 SMP

Lab ID: **T1806866001**
Sample ID: **G1SW0089**

Date Received: 04/23/18 12:40 Matrix: Water
Date Collected: 04/23/18 09:00

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	U,1	#/100 mL	4	4	4	4/23/2018 14:55	T
Analysis Desc: Enterococcus,9230C,Water			Analytical Method: SM 9230 C (MF)					
Enterococcus	20	B,2	#/100 mL	4	4	4	4/23/2018 16:50	T

Lab ID: **T1806866002**
Sample ID: **G1SW0089**

Date Received: 04/23/18 12:40 Matrix: Water
Date Collected: 04/23/18 09:10

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	U,1	#/100 mL	4	4	4	4/23/2018 14:55	T
Analysis Desc: Enterococcus,9230C,Water			Analytical Method: SM 9230 C (MF)					
Enterococcus	36	B,2	#/100 mL	4	4	4	4/23/2018 16:50	T

Lab ID: **T1806866003**
Sample ID: **G1SW0090**

Date Received: 04/23/18 12:40 Matrix: Water
Date Collected: 04/23/18 09:20

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	12	1,B	#/100 mL	4	4	4	4/23/2018 14:55	T

Report ID: 551620 - 594200

Page 3 of 8

CERTIFICATE OF ANALYSIS

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



ANALYTICAL RESULTS

Workorder: T1806866 SMP

Lab ID: **T1806866003** Date Received: 04/23/18 12:40 Matrix: Water
Sample ID: **G1SW0090** Date Collected: 04/23/18 09:20

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Analytical Method: SM 9230 C (MF)								
Enterococcus,9230C,Water								
Enterococcus	4	U,2	#/100 mL	4	4	4	4/23/2018 16:50	T

Lab ID: **T1806866004** Date Received: 04/23/18 12:40 Matrix: Water
Sample ID: **G1SW0091** Date Collected: 04/23/18 10:00

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Analytical Method: SM 9230 C (MF)								
Enterococcus,9230C,Water								
Enterococcus	4400	2	#/100 mL	100	100	100	4/23/2018 16:50	T

Lab ID: **T1806866005** Date Received: 04/23/18 12:40 Matrix: Water
Sample ID: **G2SW0037** Date Collected: 04/23/18 10:30

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Escherichia Coli,EPA 1603,Water								
Analytical Method: EPA 1603								
E. Coli	64	3,B	#/100 mL	4	4	4	4/23/2018 15:00	T

CERTIFICATE OF ANALYSIS

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



ANALYTICAL RESULTS QUALIFIERS

Workorder: T1806866 SMP

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.
- [2] Incubator 4/23/18 16:50 - 4/24/18 15:00
- B Results based upon colony counts outside the acceptable range.
- [3] Incubator 1 4/23/18 15:00 -17:00 Inc 2 17:00 - 4/24/18 14:00
- [1] Incubator - 4/23/18 14:55- 4/24/18 13:00

LAB QUALIFIERS

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

CERTIFICATE OF ANALYSIS

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



QUALITY CONTROL DATA

Workorder: T1806866 SMP

QC Batch: MICt/1556 Analysis Method: SM 9222D
QC Batch Method: SM 9222D Prepared:
Associated Lab Samples: T1806866001, T1806866002, T1806866003

METHOD BLANK: 2690002

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

METHOD BLANK: 2690011

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

QC Batch: MICt/1557 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1806866005

METHOD BLANK: 2690017

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

QC Batch: MICt/1560 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1806866001, T1806866002, T1806866003, T1806866004

METHOD BLANK: 2690044

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Microbiology Enterococcus	#/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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1806866 SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1806866001	G1SW0089			SM 9222D	MICt/1556
T1806866002	G1SW0089			SM 9222D	MICt/1556
T1806866003	G1SW0090			SM 9222D	MICt/1556
T1806866005	G2SW0037			EPA 1603	MICt/1557
T1806866001	G1SW0089			SM 9230 C (MF)	MICt/1560
T1806866002	G1SW0089			SM 9230 C (MF)	MICt/1560
T1806866003	G1SW0090			SM 9230 C (MF)	MICt/1560
T1806866004	G1SW0091			SM 9230 C (MF)	MICt/1560

CERTIFICATE OF ANALYSIS

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





Contains
1:1
Nitric Acid
IA-7341010
XP: 12/7/18
See SDS

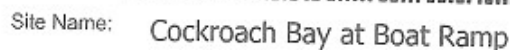
☐	Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.668
☐	Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.3
☐	Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274
☒	Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

[illegible]

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	analysis Required	ENTERO	FELDM	ENTERO	E.COLI	
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: AF315E								T/806866
Phone: 813-470-5770		Project Address:								
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-								
Sampled By:										
Turn Around Time: ☒ STANDARD ☐ RUSH										
Page: 1 of 2		☐ ADaPT ☐ EQUIS ☐ Other								

Field ID/WIN **G1SW0089**

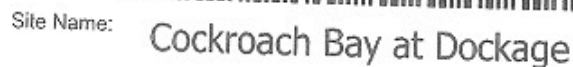


Field ID:  G1SW0089 DUP

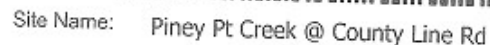
Location: Cockroach Bay at Boat Ramp DUP

WIN ID: 
G1SW0089

Field ID/WIN **G1SW0090**



Field ID/WIN **G1SW0091**



Field ID/WIN G2SW0037



SAMPLING		MATRIX	NO. COUNT	PRE- SER- VATI ON						LABC
DATE	TIME									
4-23-18	900	SW	2		2					QD1
4-23-18	910	"	2		2					QD2
4-23-18	0920	"	2		2					QD3
4-23-18	1000	"	1			1				QD4
4-23-18	1030	"	1				1			QD5

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)

☐ Where required, pH checked

Temperature when received 7.112 (in degrees celcius)

Device used for measuring Temp by unique identifier (circle IR temp gun used)

FOR DRINKING WATER USE

PWS ID:

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

Relinquished by:			Received by:		
Date	Time		Date	Time	
4/23/18	1240		4/23/18	1240	