



Advanced Environmental Laboratories, Inc
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April 13, 2017

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: T1706170 TMDL/SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, April 11, 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,

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

Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

Report ID: 481327 - 444006

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SAMPLE SUMMARY

Workorder: T1706170 TMDL/SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1706170001	G5SW0135	Water	4/11/2017 09:45	4/11/2017 14:56
T1706170002	G5SW0134	Water	4/11/2017 10:35	4/11/2017 14:56
T1706170003	G5SW0130	Water	4/11/2017 11:25	4/11/2017 14:56
T1706170004	G1SW0055	Water	4/11/2017 13:30	4/11/2017 14:56
T1706170005	G1SW0062	Water	4/11/2017 14:05	4/11/2017 14:56

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ANALYTICAL RESULTS

Workorder: T1706170 TMDL/SMP

Lab ID: **T1706170001** Date Received: 04/11/17 14:56 Matrix: Water
Sample ID: **G5SW0135** Date Collected: 04/11/17 09:45

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	783	B	#/100 mL	9	9	9	4/11/2017 17:20	T

Lab ID: **T1706170002** Date Received: 04/11/17 14:56 Matrix: Water
Sample ID: **G5SW0134** Date Collected: 04/11/17 10:35

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	150	B	#/100 mL	10	10	10	4/11/2017 17:20	T

Lab ID: **T1706170003** Date Received: 04/11/17 14:56 Matrix: Water
Sample ID: **G5SW0130** Date Collected: 04/11/17 11:25

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	198	B	#/100 mL	9	9	9	4/11/2017 17:20	T

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ANALYTICAL RESULTS

Workorder: T1706170 TMDL/SMP

Lab ID: **T1706170004** Date Received: 04/11/17 14:56 Matrix: Water
Sample ID: **G1SW0055** Date Collected: 04/11/17 13:30

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	520		#/100 mL	10	10	10	4/11/2017 17:20	T

Lab ID: **T1706170005** Date Received: 04/11/17 14:56 Matrix: Water
Sample ID: **G1SW0062** Date Collected: 04/11/17 14:05

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	70	B	#/100 mL	10	10	10	4/11/2017 17:30	T^

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1706170 TMDL/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.
- B Results based upon colony counts outside the acceptable range.

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T1706170 TMDL/SMP

QC Batch: MICt/2723 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1706170005

METHOD BLANK: 2324376

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

QC Batch: MICt/2724 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1706170001, T1706170002, T1706170003, T1706170004

METHOD BLANK: 2324392

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: T1706170 TMDL/SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1706170005	G1SW0062			EPA 1603	MICt/2723
T1706170001	G5SW0135			SM 9230 C (MF)	MICt/2724
T1706170002	G5SW0134			SM 9230 C (MF)	MICt/2724
T1706170003	G5SW0130			SM 9230 C (MF)	MICt/2724
T1706170004	G1SW0055			SM 9230 C (MF)	MICt/2724

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528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.997.1934 • Fax 407.937.1997 • E5507N

LAB NUMBER:

Page 1 of 2

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP						BOTTLE SIZE & TYPE	Sterile Plastic Bottle							L A B N U M B E R
ADDRESS: 13051 N. Telecom Pkwy Temple Terrace, FL 33637		P.O. NUMBER/PROJECT NUMBER:						A R								
PHONE: 813-470-5700		PROJECT LOCATION: Florida						N E								
CONTACT: Matthew Bearden Sarah Emig		FAX: 813-470-5996						A Q								
TURN AROUND TIME:		SAMPLED BY:						L U								
☒ STANDARD ☐ RUSH		REMARKS/SPECIAL INSTRUCTIONS: PO E84589						Y I								
								S R								
								I E								
								S D								
Samples are ambient water and not suspected to contain chlorine																
WW=waste water	SW=surface water	GW=ground water	DW=drinking water	Cool	Angr	SC=soil	SL=sediment									
Field ID	SITE NAME			Grab Comp	SAMPLING DATE TIME		MATRIX	NO. COUNT	Preserv	Ice, T						
RQ-2017-04-10-21 Date: 04/11/17 Time: Clam Bayou	G5SW0135 ↓STORET Field ID ↑ G5SU0135			Grab	4/11/17	0945	(SW)									a
				Grab			SW									
RQ-2017-04-10-21 Date: 04/11/17 Time: PP Ditch#1	G5SW0134 ↓STORET Field ID ↑ G5SU0134			Grab	4/11/17	1035	(SW)									a2
				Grab			SW									
RQ-2017-04-10-21 Date: 04/11/17 Time: McKay Tidal	G5SW0130 ↓STORET Field ID ↑ G5SU0130			Grab	4/11/17	1125	(SW) 1									c03
				Grab			SW									
Hoe H=(HCL) S=(H2SO4) N=(HNO3) T=(Sodium Thiosulfate)	Shipment Out: Ret:						Method Via:	Sample Kit RB AB Trip DL	Cooler # DYT DYT	Relinquish by: Date Time Received by: Date Time						
Received on In ☒										1 Jan K 4-11-17 1450 [Signature] 4/11/17 1450						

revised 1/12



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LAB NUMBER:

17706170 Page 2 of 2

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Sterile Plastic Bottle												LAB NUMBER	
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:		A R		N E		A Q		L U		Y I		S R		I E		S D	
Temple Terrace, FL 33637		PROJECT LOCATION: Florida		FAX: 813-470-5995		Fecal Coliforms		E. Coli		Enterob									
PHONE: 813-470-5700		FAX:		SAMPLED BY:															
CONTACT: Matthew Bearden Sarah Ernst		REMARKS/SPECIAL INSTRUCTIONS: PO AF315E																	
TURN AROUND TIME:																			
☒ STANDARD																			
☐ RUSH																			
Samples are ambient water and not suspected to contain chlorine																			
WW=waste water		SW=surface water		GW=ground water		DW=drinking water		Grab		C=cl		A=air		SC=soil		SL=sediment			
Field ID		SITE NAME		Grab Comp		SAMPLING DATE		TIME		MATRIX		NO. COUNT		Preserv		Inc, T			
RQ-2017-04-10-21 Date: 04/11/17 Time:		G1SW0055 ↓STORET Field ID ↑ Mullet Tidal		Grab		4-11-17 1330		1330		SW		1							
				Grab						SW									
RQ-2017-04-10-21 Date: 04/11/17 Time:		G1SW0062 ↓STORET Field ID ↑ Alligator Crk @ Old Coachman		Grab		4-11-17 1405		1405		SW		1							
				Grab						SW									
				Grab						SW									
				Grab						SW									
				Grab						SW									
Ince		H=(HCl)		S=(H ₂ SO ₄)		N=(HNO ₃)		T=(Sodium Thiosulfate)											
Shipment		Method		Sample Kit		Cooler #													
Out:		Via:		RS		CVT													
Ret:		Via:		AB		CVT													
				Trip BL															
Received on 10		☒ Yes ☐ No		acft sent		☐ received													

revised 1/12