

March 19, 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: T1704381 TMDL/SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, March 13, 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,



Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

Report ID: 475928 - 311028

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SAMPLE SUMMARY

Workorder: T1704381 TMDL/SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1704381001	G2SW0024	Water	3/13/2017 10:00	3/13/2017 15:56
T1704381002	G2SW0030	Water	3/13/2017 11:00	3/13/2017 15:56
T1704381003	G2SW0031	Water	3/13/2017 11:30	3/13/2017 15:56
T1704381004	G2SW0029	Water	3/13/2017 12:11	3/13/2017 15:56
T1704381005	G2SW0023	Water	3/13/2017 13:22	3/13/2017 15:56
T1704381006	G1SW0056	Water	3/13/2017 14:30	3/13/2017 15:56
T1704381007	G2SW0032	Water	3/13/2017 15:15	3/13/2017 15:56

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ANALYTICAL RESULTS

Workorder: T1704381 TMDL/SMP

Lab ID: **T1704381001** Date Received: 03/13/17 15:56 Matrix: Water
Sample ID: **G2SW0024** Date Collected: 03/13/17 10:00

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	1560	B	#/100 mL	10	10	10	3/13/2017 16:34	T^

Lab ID: **T1704381002** Date Received: 03/13/17 15:56 Matrix: Water
Sample ID: **G2SW0030** Date Collected: 03/13/17 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	960	B	#/100 mL	10	10	10	3/13/2017 16:34	T^

Lab ID: **T1704381003** Date Received: 03/13/17 15:56 Matrix: Water
Sample ID: **G2SW0031** Date Collected: 03/13/17 11:30

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	40	B	#/100 mL	10	10	10	3/13/2017 16:34	T^

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ANALYTICAL RESULTS

Workorder: T1704381 TMDL/SMP

Lab ID: **T1704381004** Date Received: 03/13/17 15:56 Matrix: Water
Sample ID: **G2SW0029** Date Collected: 03/13/17 12:11

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	170	B	#/100 mL	10	10	10	3/13/2017 16:34	T

Lab ID: **T1704381005** Date Received: 03/13/17 15:56 Matrix: Water
Sample ID: **G2SW0023** Date Collected: 03/13/17 13:22

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	3/13/2017 16:34	T^

Lab ID: **T1704381006** Date Received: 03/13/17 15:56 Matrix: Water
Sample ID: **G1SW0056** Date Collected: 03/13/17 14:30

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	10	B	#/100 mL	10	10	10	3/13/2017 16:34	T

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ANALYTICAL RESULTS

Workorder: T1704381 TMDL/SMP

Lab ID: **T1704381007**

Date Received: 03/13/17 15:56 Matrix: Water

Sample ID: **G2SW0032**

Date Collected: 03/13/17 15:15

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	1280	B	#/100 mL	10	10	10	3/13/2017 16:34	T^

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1704381 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: T1704381 TMDL/SMP

QC Batch: MICt/2606 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1704381004, T1704381006

METHOD BLANK: 2298835

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

QC Batch: MICt/2607 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1704381001, T1704381002, T1704381003, T1704381005, T1704381007

METHOD BLANK: 2298840

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: T1704381 TMDL/SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1704381004	G2SW0029			SM 9230 C (MF)	MICt/2606
T1704381006	G1SW0056			SM 9230 C (MF)	MICt/2606
T1704381001	G2SW0024			EPA 1603	MICt/2607
T1704381002	G2SW0030			EPA 1603	MICt/2607
T1704381003	G2SW0031			EPA 1603	MICt/2607
T1704381005	G2SW0023			EPA 1603	MICt/2607
T1704381007	G2SW0032			EPA 1603	MICt/2607

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LAB NUMBER:

11704381

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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:																	
Temple Terrace, FL 33637		PROJECT LOCATION: Florida																	
PHONE: 813-470-5700		FAX: 813-470-5996																	
CONTACT: Matthew Bearden Sarah Ernst		SAMPLED BY:																	
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS:																	
☒ STANDARD ☐ RUSH		PO E84589																	
Samples are ambient water and not suspected to contain chlorine																			
WW=waste water		SW=surface water		GW=ground water		DW=drinking water		O=oil		A=air		SO=soil		SL=sludge					
Field ID		SITE NAME		Grab Comp		SAMPLING		MATRIX		NO. COUNT		Preserv		Ice, T					
						DATE		TIME											
RQ-2017-03-13-20		G2SW0024		Grab		3/13/17		1000		SW		1							
Date: 03/13/17		↓STORET Field ID ↑																	
Time:		Gilley Creek																	
		G2SW0024																	
RQ-2017-03-13-20		G2SW0030		Grab		3/13/17		1100		SW		1							
Date: 03/13/17		↓STORET Field ID ↑																	
Time:		Gap Creek																	
		G2SW0030																	
RQ-2017-03-13-20		G2SW0031		Grab		3/13/17		1130		SW		1							
Date: 03/13/17		↓STORET Field ID ↑																	
Time:		Wares Creek Fresh																	
		G2SW0031																	
RQ-2017-03-13-2040		G2SW0029		Grab		3/13/17		1211		SW		1							
Date: 03/13/17		↓STORET Field ID ↑																	
Time:		Wares Creek Tidal																	
		G2SW0029																	

I-Ice		H=(HCl)		S=(H ₂ SO ₄)		N=(HNO ₃)		T=(Sodium Thiosulfate)		Relinquish by:		Date		Time		Received by:		Date		Time	
Shipment		Method		Sample Kit		Cooler #				1		Laurie Bacher		3/13/17		3/13/17		15:56			
Out:		Via:		RB		D/T				2											
Ret:		Via:		AB		D/T				3											
				Trip Bl.						4											

Received on Ice ☐ Yes ☐ No QC ☐ sent ☐ received



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LAB NUMBER:

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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		P.O. NUMBER/PROJECT NUMBER:				A R N E A Q L U Y I S R I E S D		Fecal Coliforms		H. Coli		Enteroc									
Temple Terrace, FL 33637		PROJECT LOCATION: Florida																			
PHONE: 813-470-5700		FAX: 813-470-5996																			
CONTACT: Matthew Bearden Sarah-Ernst		SAMPLED BY:																			
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS: PO E84589																			
☒ STANDARD ☐ RUSH																					
Samples are ambient water and not suspected to contain chlorine																					
WW=waste water SW=surface water GW=ground water DW=drinking water O=oil A=air SO=soil SL=sludge																					
Field ID	SITE NAME		Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preserv	Ice, T												
				DATE	TIME																
RQ-2017-03-13-20 Date: 03/13/17 Time:	 G2SW0023 ↓STORET Field ID ↑ G2SW0023		Grab	3/13/17	1322	SW	1		✓												ce
Little Manatee R			Grab			SW															
RQ-2017-03-13-2040 Date: 03/13/17 Time:	 G1SW0056 ↓STORET Field ID ↑ G1SW0056		Grab	3/13/17	1430	SW	1			✓											ce
Simms Branch			Grab			SW															
RQ-2017-03-13-20 Date: 03/13/17 Time:	 G2SW0032 ↓STORET Field ID ↑ G2SW0032		Grab	3/13/17	1515	SW	1		✓												ce
Rice Creek			Grab			SW															
			Grab			SW															
			Grab			SW															

H=HCl S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)			
Shipment	Method	Sample Kit	Cooler #
Out:	Via:	RB	D/T
Ret:	Via:	AB	D/T
		Trip Bl.	

Relinquish by:		Date	Time	Received by:		Date	Time
1	Laurie Moore	3/13/17				3/13	15:56
2							
3							
4							

Received on 1c

☒ Yes ☐ No

QC ☐ sent

☐ received

revised 1/12