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November 16, 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: T1719211 TMDL/SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, November 07, 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: 519576 - 1492699

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SAMPLE SUMMARY

Workorder: T1719211 TMDL/SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1719211001	G2SW0016	Water	11/7/2017 11:40	11/7/2017 14:48
T1719211002	G2SW0015	Water	11/7/2017 12:20	11/7/2017 14:48
T1719211003	G2SW0018	Water	11/7/2017 12:45	11/7/2017 14:48
T1719211004	G2SW0017	Water	11/7/2017 13:00	11/7/2017 14:48
T1719211005	G2SW0029	Water	11/7/2017 13:40	11/7/2017 14:48

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ANALYTICAL RESULTS

Workorder: T1719211 TMDL/SMP

Lab ID: **T1719211001** Date Received: 11/07/17 14:48 Matrix: Water
Sample ID: **G2SW0016** Date Collected: 11/07/17 11:40

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	120	1,B	#/100 mL	10	10	10	11/7/2017 16:00	T

Lab ID: **T1719211002** Date Received: 11/07/17 14:48 Matrix: Water
Sample ID: **G2SW0015** Date Collected: 11/07/17 12:20

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	2000	1,B	#/100 mL	1000	1000	1000	11/7/2017 16:00	T

Lab ID: **T1719211003** Date Received: 11/07/17 14:48 Matrix: Water
Sample ID: **G2SW0018** Date Collected: 11/07/17 12:45

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	1500	1,B	#/100 mL	100	100	100	11/7/2017 16:00	T

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ANALYTICAL RESULTS

Workorder: T1719211 TMDL/SMP

Lab ID: **T1719211004**

Date Received: 11/07/17 14:48 Matrix: Water

Sample ID: **G2SW0017**

Date Collected: 11/07/17 13:00

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	3200	1	#/100 mL	100	100	100	11/7/2017 16:00	T

Lab ID: **T1719211005**

Date Received: 11/07/17 14:48 Matrix: Water

Sample ID: **G2SW0029**

Date Collected: 11/07/17 13:40

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	90	B,2	#/100 mL	10	10	10	11/7/2017 16:00	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1719211 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.
- [1] Incubator #1: 11/7/17 16:00-1800 Incubator #2: 11/7/17 18:00- 11/8/17 16:00
- [2] Incubator: 11/7/17 16:00-11/8/17 14:00

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T1719211 TMDL/SMP

QC Batch:	MICt/3766	Analysis Method:	SM 9230 C (MF)
QC Batch Method:	SM 9230 C (MF)	Prepared:	
Associated Lab Samples:	T1719211005		

METHOD BLANK: 2529578

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

QC Batch:	MICt/3780	Analysis Method:	EPA 1603
QC Batch Method:	EPA 1603	Prepared:	
Associated Lab Samples:	T1719211001, T1719211002, T1719211003, T1719211004		

METHOD BLANK: 2529651

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: T1719211 TMDL/SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1719211005	G2SW0029			SM 9230 C (MF)	MICt/3766
T1719211001	G2SW0016			EPA 1603	MICt/3780
T1719211002	G2SW0015			EPA 1603	MICt/3780
T1719211003	G2SW0018			EPA 1603	MICt/3780
T1719211004	G2SW0017			EPA 1603	MICt/3780

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LAB NUMBER:

T779211

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CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Sample Plastic Bottle		LAB NUMBER	
ADDRESS: 13051 N. Telecom Pkwy Temple Terrace, FL 33637		P.O. NUMBER/PROJECT NUMBER:		PROJECT LOCATION: Florida		Fecal Coliforms		ENTRAD	
PHONE: 813-470-5700		FAX: 813-470-5895		SAMPLED BY:		A R N E A Q L U Y I S R I E S D			
CONTACT: Matthew Boarden Sarah Ernst		TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS: PO AF315E					
Samples are ambient water and not suspected to contain chlorine									
WW=waste water	SW=surface water	GW=ground water	DW=drinking water	OS=oil	AM=air	SO=solid	SL=sediment		
Field ID	SITE NAME	Grab Comp	SAMPLING DATE TIME		MATRIX	NO. COUNT	Preserv	Loc, T	
RQ-2017-10-30-40 Date: 11/07/17 Time: WARES CRK TIDAL	 G2SW0029 Field ID STORET G2SW0029	Grab	11-7-17	1340	SW	1			005
		Grab			SW				
		Grab			SW				
		Grab			SW				
		Grab			SW				
		Grab			SW				
		Grab			SW				

L=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 R#	Cooler #		1	11-7-17	1440	11712	1440	
Out:	Via:	RB	D/T		2					
Ret:	Via:	AB	D/T		3					
		Trip Bl.			4					

Received on 10 ☐ Yes ☐ No ☐ sent ☐ received

revised 1/12