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February 8, 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: T1801648 TMDL/SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, January 31, 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: 535077 - 152193

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SAMPLE SUMMARY

Workorder: T1801648 TMDL/SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1801648001	G1SW0095	Water	1/31/2018 13:40	1/31/2018 14:47
T1801648002	G1SW0096	Water	1/31/2018 12:55	1/31/2018 14:47
T1801648003	G1SW0051	Water	1/31/2018 10:40	1/31/2018 14:47
T1801648004	G1SW0054	Water	1/31/2018 11:10	1/31/2018 14:47

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ANALYTICAL RESULTS

Workorder: T1801648 TMDL/SMP

Lab ID: **T1801648001** Date Received: 01/31/18 14:47 Matrix: Water
Sample ID: **G1SW0095** Date Collected: 01/31/18 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	1400	1,B	#/100 mL	100	100	100	1/31/2018 17:30	T

Lab ID: **T1801648002** Date Received: 01/31/18 14:47 Matrix: Water
Sample ID: **G1SW0096** Date Collected: 01/31/18 12:55

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	80	B,2	#/100 mL	10	10	10	1/31/2018 16:30	T

Lab ID: **T1801648003** Date Received: 01/31/18 14:47 Matrix: Water
Sample ID: **G1SW0051** Date Collected: 01/31/18 10:40

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	900	1,B	#/100 mL	100	100	100	1/31/2018 17:30	T

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ANALYTICAL RESULTS

Workorder: T1801648 TMDL/SMP

Lab ID: **T1801648004**

Date Received: 01/31/18 14:47 Matrix: Water

Sample ID: **G1SW0054**

Date Collected: 01/31/18 11:10

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	1100	1,B	#/100 mL	100	100	100	1/31/2018 17:30	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1801648 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.
- [2] Incubator #1: 1/31/18 16:30- 18:00 Incubator#2: 1/31/18 18:00-2/1/18 16:00
- [1] Incubator: 1/31/18 17:30- 2/1/18 15:30

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T1801648 TMDL/SMP

QC Batch: MICt/1136 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1801648002

METHOD BLANK: 2604342

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

QC Batch: MICt/1137 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1801648001, T1801648003, T1801648004

METHOD BLANK: 2604353

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: T1801648 TMDL/SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1801648002	G1SW0096			EPA 1603	MICt/1136
T1801648001	G1SW0095			SM 9230 C (MF)	MICt/1137
T1801648003	G1SW0051			SM 9230 C (MF)	MICt/1137
T1801648004	G1SW0054			SM 9230 C (MF)	MICt/1137

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RR-2018-01-29-35

LAB NUMBER:

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11801648

CLIENT NAME:

FDEP - SW District

PROJECT NAME:

TMDL / SMP

ADDRESS:

13051 N. Taboran Pkwy

P.O. NUMBER/PROJECT NUMBER:

PHONE:

Tempe Terrace, FL 33037

PROJECT LOCATION:

Florida

FAX:

913-470-5700

SAMPLED BY:

012-470-5600

CONTACT: Matthew Bearden

Beard Smith

TURN AROUND TIME:

REMARKS/SPECIAL INSTRUCTIONS:

PO AF31SE

STANDARD

RUSH

Samples are ambient water and not suspected to contain chlorine

WATER TYPE

Surface water

City/ground water

Dye/dilution water

Other

Source

Elutriate

Sludge

Other

Other

Field ID

Site Name

Grab

Comp

DATE

TIME

MATRIX

NO. COUNT

Precip

Loc. T

1

1

1

1

GISW0005

Mullet Cr. Tide

Grab

1

1340

SW

1

1

1

1

1

1

1

GISW0006

Alben Creek

Grab

1

31

1055

SW

1

1

1

1

1

1

GISW0051

Moccasin

Grab

1

18

1040

SW

1

1

1

1

1

1

GISW0054

Bishop Cr.

Grab

1

1110

SW

1

1

1

1

1

1

1

Site

H=HCO S=H+SO4

N=NO3 T=Total Nitrogen

Sample Kit

Cooler #

1

1

1

1

1

1

1

1

1

Signature

Method

WB

WB

WB

WB

WB

WB

WB

WB

WB

WB

WB

WB

Ref:

WB

WB

WB

WB

WB

WB

WB

WB

WB

WB

WB

WB

WB

Received on

Yes No

DC sent

received

1

1

1

1

1

1

1

1

1

1