

February 18, 2020

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: T2002972 SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, February 12, 2020. 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

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SAMPLE SUMMARY

Workorder: T2002972 SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T2002972001	G5SW0053	Water	2/12/2020 13:00	2/12/2020 16:30
T2002972002	G5SW0156	Water	2/12/2020 13:35	2/12/2020 16:30
T2002972003	G5SW0157	Water	2/12/2020 13:15	2/12/2020 16:30
T2002972004	G5SW0157 DUP	Water	2/12/2020 13:20	2/12/2020 16:30
T2002972005	G5SW0155	Water	2/12/2020 11:00	2/12/2020 16:30
T2002972006	G5SW0142	Water	2/12/2020 10:45	2/12/2020 16:30
T2002972007	G5SW0154	Water	2/12/2020 11:15	2/12/2020 16:30

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ANALYTICAL RESULTS

Workorder: T2002972 SMP

Lab ID: **T2002972001**
Sample ID: **G5SW0053**

Date Received: 02/12/20 16:30 Matrix: Water
Date Collected: 02/12/20 13:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus w/MICRO- QT Prep, Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	10	U,2	MPN/100 mL	10	10	10	2/12/2020 17:25	T
Analysis Desc: Fecal Coliform MF, SM9222D, Water			Analytical Method: SM 9222D					
Coliform Fecal	10	U,1	#/100 mL	10	10	10	2/12/2020 17:30	T

Lab ID: **T2002972002**
Sample ID: **G5SW0156**

Date Received: 02/12/20 16:30 Matrix: Water
Date Collected: 02/12/20 13:35

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus w/MICRO- QT Prep, Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					
Enterococcus	10	U,2	MPN/100 mL	10	10	10	2/12/2020 17:25	T
Analysis Desc: Fecal Coliform MF, SM9222D, Water			Analytical Method: SM 9222D					
Coliform Fecal	30	1,B	#/100 mL	10	10	10	2/12/2020 17:30	T

Lab ID: **T2002972003**
Sample ID: **G5SW0157**

Date Received: 02/12/20 16:30 Matrix: Water
Date Collected: 02/12/20 13:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus w/MICRO- QT Prep, Water			Analytical Method: ENTEROLERT/ QUANTI-TRAY					

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ANALYTICAL RESULTS

Workorder: T2002972 SMP

Lab ID: **T2002972003**

Date Received: 02/12/20 16:30 Matrix: Water

Sample ID: **G5SW0157**

Date Collected: 02/12/20 13:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Enterococcus	10	U,2	MPN/100 mL	10	10	10	2/12/2020 17:25	T
Analysis Desc: Fecal Coliform MF,SM9222D,Water		Analytical Method: SM 9222D						
Coliform Fecal	10	1,B	#/100 mL	10	10	10	2/12/2020 17:30	T

Lab ID: **T2002972004**

Date Received: 02/12/20 16:30 Matrix: Water

Sample ID: **G5SW0157 DUP**

Date Collected: 02/12/20 13:20

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus w/MICRO-QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U,2	MPN/100 mL	10	10	10	2/12/2020 17:25	T
Analysis Desc: Fecal Coliform MF,SM9222D,Water		Analytical Method: SM 9222D						
Coliform Fecal	40	1,B	#/100 mL	10	10	10	2/12/2020 17:30	T

Lab ID: **T2002972005**

Date Received: 02/12/20 16:30 Matrix: Water

Sample ID: **G5SW0155**

Date Collected: 02/12/20 11:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus w/MICRO-QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U,2	MPN/100 mL	10	10	10	2/12/2020 17:25	T

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ANALYTICAL RESULTS

Workorder: T2002972 SMP

Lab ID: **T2002972005**

Date Received: 02/12/20 16:30 Matrix: Water

Sample ID: **G5SW0155**

Date Collected: 02/12/20 11:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: Fecal Coliform MF,SM9222D,Water		Analytical Method: SM 9222D						
Coliform Fecal	100	1,B	#/100 mL	10	10	10	2/12/2020 17:30	T

Lab ID: **T2002972006**

Date Received: 02/12/20 16:30 Matrix: Water

Sample ID: **G5SW0142**

Date Collected: 02/12/20 10:45

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus w/MICRO-QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U,2	MPN/100 mL	10	10	10	2/12/2020 17:25	T
Analysis Desc: Fecal Coliform MF,SM9222D,Water		Analytical Method: SM 9222D						
Coliform Fecal	30	1,B	#/100 mL	10	10	10	2/12/2020 17:30	T

Lab ID: **T2002972007**

Date Received: 02/12/20 16:30 Matrix: Water

Sample ID: **G5SW0154**

Date Collected: 02/12/20 11:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus w/MICRO-QT Prep,Water		Analytical Method: ENTEROLERT/ QUANTI-TRAY						
Enterococcus	10	U,2	MPN/100 mL	10	10	10	2/12/2020 17:25	T
Analysis Desc: Fecal Coliform MF,SM9222D,Water		Analytical Method: SM 9222D						
Coliform Fecal	90	1,B	#/100 mL	10	10	10	2/12/2020 17:30	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T2002972 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] In incubator from 2.12.2020 @ 17:25 to 2.13.2020 @ 17:25
- B Results based upon colony counts outside the acceptable range.
- [1] In incubator from 2.12.2020 @ 17:30 to 2.13.2020 @ 15:42

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T2002972 SMP

QC Batch: MICt/1250 Analysis Method: ENTEROLERT/ QUANTI-TRAY
QC Batch Method: ENTEROLERT/ QUANTI-TRAY Prepared:
Associated Lab Samples: T2002972001, T2002972002, T2002972003, T2002972004, T2002972005, T2002972006, T2002972007

METHOD BLANK: 3382347

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

METHOD BLANK: 3382349

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

QC Batch: MICt/1253 Analysis Method: SM 9222D
QC Batch Method: SM 9222D Prepared:
Associated Lab Samples: T2002972001, T2002972002, T2002972003, T2002972004, T2002972005, T2002972006, T2002972007

METHOD BLANK: 3382372

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

METHOD BLANK: 3382374

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T2002972 SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T2002972001	G5SW0053			ENTEROLERT/ QUANTI-TRAY	MICt/1250
T2002972002	G5SW0156			ENTEROLERT/ QUANTI-TRAY	MICt/1250
T2002972003	G5SW0157			ENTEROLERT/ QUANTI-TRAY	MICt/1250
T2002972004	G5SW0157 DUP			ENTEROLERT/ QUANTI-TRAY	MICt/1250
T2002972005	G5SW0155			ENTEROLERT/ QUANTI-TRAY	MICt/1250
T2002972006	G5SW0142			ENTEROLERT/ QUANTI-TRAY	MICt/1250
T2002972007	G5SW0154			ENTEROLERT/ QUANTI-TRAY	MICt/1250
T2002972001	G5SW0053			SM 9222D	MICt/1253
T2002972002	G5SW0156			SM 9222D	MICt/1253
T2002972003	G5SW0157			SM 9222D	MICt/1253
T2002972004	G5SW0157 DUP			SM 9222D	MICt/1253
T2002972005	G5SW0155			SM 9222D	MICt/1253
T2002972006	G5SW0142			SM 9222D	MICt/1253
T2002972007	G5SW0154			SM 9222D	MICt/1253

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☒ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.96



* T 2 0 0 2 9 7 2 *

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	LABORATORY I.
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B5A496				
Phone: 813-470-5770		Project Address:				
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2020-02-10-25				
Sampled By:		Turn Around Time: ☒ STANDARD ☐ RUSH		☐ ADaPT ☐ EQulS ☐ Other		Entero Fecal
Page: 2 of 2						
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME	MATRIX	NO. COUNT	

Field ID/WIN

G5SW0053



Site Name: Gulf of Mexico (Withlacoochee) #24

Field ID/WIN

G5SW0156



Site Name: Gulf of Mexico (Withlacoochee) by Ramp

Field ID/WIN

G5SW0157



Site Name: Gulf of Mexico (Withlacoochee) by Bar

Field ID/WIN G5SW0157DUP



Site Name: Gulf of Mexico (Withlacoochee) by Bar

2/10/20	2/10/20	1300	2	1	1	81
1	1					
1	1	1335	2	1	1	22
1	1	1315	2	1	1	23
1	1	1320	2	1	1	24

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)

Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received 41 (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

Relinquished by:	Date	Time	Received by:	Date	Time
1	2/10/20	1650		2/10/20	1650

FOR DRINKING WATER USE:

PWS ID: _____



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☒ Tampa: 9810 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

T2002912

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE												LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B5A496		Analysis Required		Entero		Fecal								
Phone: 813-470-5770		Project Address:														
Contact: Judy Ashton 813-470-5772		Special Instructions:														
Sampled By:		RQ-2020-02-10-25														
Turn Around Time: ☒ STANDARD ☐ RUSH		☐ ADaPT ☐ EQUIS ☐ Other														
Page: 1 of 2																

SAMPLE ID	SAMPLE DESCRIPTION	Grab no	SAMPLING		MATRIX	NO. COUNT	PRE SER-	VAT	CN							
			DATE	TIME												
Field ID/WIN G5SW0155 Site Name: Crystal River 2			2/12/20	1100	SW	2										35
Field ID/WIN G5SW0142 Site Name: Crystal River at St. Martins Marsh				1045	SW	2										26
Field ID/WIN G5SW0154 Site Name: Crystal River 1				1115	SW	2										27

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)
Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☒ Temp from blank ☒ Where required, pH checked Temperature when received 8.1 (in degrees celcius)
DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

Relinquished by:	Date	Time	Received by:	Date	Time
	2/12/20			2/12/20	1630

PWS ID: _____

FOR DRINKING WATER USE: