



Advanced Environmental Laboratories, Inc
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November 6, 2019

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: T1918955 SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, October 24, 2019. 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: 913812 - 1658934

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SAMPLE SUMMARY

Workorder: T1918955 SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1918955001	G2SW0046	Water	10/24/2019 10:00	10/24/2019 12:53
T1918955002	G2SW0047	Water	10/24/2019 09:30	10/24/2019 12:53
T1918955003	G2SW0091	Water	10/24/2019 11:30	10/24/2019 12:53
T1918955004	Blank	Water	10/24/2019 11:10	10/24/2019 12:53
T1918955005	G2SW0045_Dup	Water	10/24/2019 11:05	10/24/2019 12:53
T1918955006	G2SW0045	Water	10/24/2019 11:00	10/24/2019 12:53
T1918955007	G2SW0093	Water	10/24/2019 10:20	10/24/2019 12:53

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ANALYTICAL RESULTS

Workorder: T1918955 SMP

Lab ID: **T1918955001**
Sample ID: **G2SW0046**

Date Received: 10/24/19 12:53 Matrix: Water
Date Collected: 10/24/19 10:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: EColi, Quanti-tray, SM9223B, NPW			Analytical Method: SM 9223 B /QUANTI-TRAY					
E. Coli	280	1	MPN/100 mL	2	2	2	10/24/2019 15:35	T

Lab ID: **T1918955002**
Sample ID: **G2SW0047**

Date Received: 10/24/19 12:53 Matrix: Water
Date Collected: 10/24/19 09:30

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: EColi, Quanti-tray, SM9223B, NPW			Analytical Method: SM 9223 B /QUANTI-TRAY					
E. Coli	402	1	MPN/100 mL	10	10	10	10/24/2019 15:35	T

Lab ID: **T1918955003**
Sample ID: **G2SW0091**

Date Received: 10/24/19 12:53 Matrix: Water
Date Collected: 10/24/19 11:30

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	512	2	MPN/100 mL	10	10	10	10/24/2019 15:39	T

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ANALYTICAL RESULTS

Workorder: T1918955 SMP

Lab ID: **T1918955004**

Date Received: 10/24/19 12:53 Matrix: Water

Sample ID: **Blank**

Date Collected: 10/24/19 11:10

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: EColi, Quanti-tray, SM9223B, NPW			Analytical Method: SM 9223 B /QUANTI-TRAY					
E. Coli	2	U,1	MPN/100 mL	2	2	2	10/24/2019 15:35	T

Lab ID: **T1918955005**

Date Received: 10/24/19 12:53 Matrix: Water

Sample ID: **G2SW0045_Dup**

Date Collected: 10/24/19 11:05

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: EColi, Quanti-tray, SM9223B, NPW			Analytical Method: SM 9223 B /QUANTI-TRAY					
E. Coli	85	1	MPN/100 mL	2	2	2	10/24/2019 15:35	T

Lab ID: **T1918955006**

Date Received: 10/24/19 12:53 Matrix: Water

Sample ID: **G2SW0045**

Date Collected: 10/24/19 11:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: EColi, Quanti-tray, SM9223B, NPW			Analytical Method: SM 9223 B /QUANTI-TRAY					
E. Coli	74	1	MPN/100 mL	10	10	10	10/24/2019 15:35	T

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ANALYTICAL RESULTS

Workorder: T1918955 SMP

Lab ID: **T1918955007**

Date Received: 10/24/19 12:53 Matrix: Water

Sample ID: **G2SW0093**

Date Collected: 10/24/19 10:20

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: EColi, Quanti-tray, SM9223B, NPW			Analytical Method: SM 9223 B /QUANTI-TRAY					
E. Coli	708	1	MPN/100 mL	10	10	10	10/24/2019 15:35	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1918955 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.
- [1] In 10/24/19 @ 15:35; Out 10/25/19 @ 9:41
- [2] In 10/24/19 @ 15:39; Out 10/25/19 @ 15:39

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T1918955 SMP

QC Batch: MICt/4437 Analysis Method: SM 9223 B /QUANTI-TRAY
QC Batch Method: SM 9223 B /QUANTI-TRAY Prepared:
Associated Lab Samples: T1918955001, T1918955002, T1918955004, T1918955005, T1918955006, T1918955007

METHOD BLANK: 3268545

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

QC Batch: MICt/4438 Analysis Method: ENTEROLERT/ QUANTI-TRAY
QC Batch Method: ENTEROLERT/ QUANTI-TRAY Prepared:
Associated Lab Samples: T1918955003

METHOD BLANK: 3268564

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

QUALITY CONTROL DATA QUALIFIERS

Workorder: T1918955 SMP

QUALITY CONTROL 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.
- [1] In 10/24/19 @ 15:35; Out 10/25/19 @ 9:41

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1918955 SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1918955001	G2SW0046			SM 9223 B /QUANTI-TRAY	MICt/4437
T1918955002	G2SW0047			SM 9223 B /QUANTI-TRAY	MICt/4437
T1918955004	Blank			SM 9223 B /QUANTI-TRAY	MICt/4437
T1918955005	G2SW0045_Dup			SM 9223 B /QUANTI-TRAY	MICt/4437
T1918955006	G2SW0045			SM 9223 B /QUANTI-TRAY	MICt/4437
T1918955007	G2SW0093			SM 9223 B /QUANTI-TRAY	MICt/4437
T1918955003	G2SW0091			ENTEROLERT/ QUANTI-TRAY	MICt/4438

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☐ Jacksonville: 6881 Southpoint Pkwy. • Jacksonville, FL 32216
☐ Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee
☒ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.1



LABORATORY I.D.

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE									
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B5A496		Analysis Required		E-Coli		Enterco					
Phone: 813-470-5770		Project Address:											
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2019-10-28-07											
Sampled By:													
Turn Around Time: ☒ STANDARD ☐ RUSH													
Page: 1 of 2		☐ ADaPT ☐ EQuIS ☐ Other											

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRE-SER. VATION	CN					
			DATE	TIME									
Field ID/WIN G2SW0046			10/24/19	1000	SW	1							201
Site Name: Thirtymile Creek @ Nichols Rd.													
Field ID/WIN G2SW0047				930		1							202
Site Name: Thirtymile Creek @ Train Tracks Mosiac													
Field ID/WIN G2SW0091				1130		1							203
Site Name: Alafia R. @ Boat Ramp Dock													

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 7.2 (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
<i>[Signature]</i>	10/24/19	12:53	Dayan Smith	10/24/19	12:53

PWS ID: _____

FOR DRINKING WATER USE:



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71918455
☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☒ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	EColi				LABORATORY I.D. #	
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-2019-10-28-07									
Turn Around Time: ☒ STANDARD ☐ RUSH		☐ ADaPT ☐ EQulS ☐ Other									
Page: 2 of 2											
SAMPLE ID	SAMPLE DESCRIPTION	Grab Temp	SAMPLING DATE	TIME	MATRIX	NO. COUNT	PRE SER. VATI ON				
Field ID/WIN	BLANK		10/24/19	1110	SW	1		1 BP			24
Site Name: Field Blank											25
Field ID:	G2SW0045_DUP										
Location: Alafia River @ Center Ave											
WIN ID:											
Field ID/WIN	G2SW0045										26
Site Name: Alafia R. @ Center Ave.											
Field ID/WIN	G2SW0093										27
Site Name: McDonald Branch @ Thompson Rd											
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 7.2 (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: 10/24/19	Time: 12:53	Received by:		Date: 10/24/19	Time: 12:53	FOR DRINKING WATER USE:			
1		PWS ID:									