



Advanced Environmental Laboratories, Inc
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April 8, 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: T1902687 SMP

Dear Francis Moore:

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

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SAMPLE SUMMARY

Workorder: T1902687 SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1902687001	G2SW0031	Water	2/13/2019 11:30	2/13/2019 14:59
T1902687002	G2SW0031_DUP	Water	2/13/2019 11:35	2/13/2019 14:59
T1902687003	G2SW0109	Water	2/13/2019 11:00	2/13/2019 14:59
T1902687004	G2SW0111	Water	2/13/2019 09:50	2/13/2019 14:59
T1902687005	G3SW0052	Water	2/13/2019 12:30	2/13/2019 14:59
T1902687006	G2SW0029	Water	2/13/2019 10:10	2/13/2019 14:59
T1902687007	G2SW0108	Water	2/13/2019 10:35	2/13/2019 14:59

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ANALYTICAL RESULTS

Workorder: T1902687 SMP

Lab ID: **T1902687001** Date Received: 02/13/19 14:59 Matrix: Water
Sample ID: **G2SW0031** Date Collected: 02/13/19 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	2100	1	#/100 mL	100	100	100	2/13/2019 16:22	T

Lab ID: **T1902687002** Date Received: 02/13/19 14:59 Matrix: Water
Sample ID: **G2SW0031_DUP** Date Collected: 02/13/19 11:35

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	2/13/2019 16:22	T

Lab ID: **T1902687003** Date Received: 02/13/19 14:59 Matrix: Water
Sample ID: **G2SW0109** Date Collected: 02/13/19 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	2000	1	#/100 mL	100	100	100	2/13/2019 16:22	T

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ANALYTICAL RESULTS

Workorder: T1902687 SMP

Lab ID: **T1902687004**
Sample ID: **G2SW0111**

Date Received: 02/13/19 14:59 Matrix: Water
Date Collected: 02/13/19 09:50

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	470	2	#/100 mL	10	10	10	2/13/2019 16:50	T

Lab ID: **T1902687005**
Sample ID: **G3SW0052**

Date Received: 02/13/19 14:59 Matrix: Water
Date Collected: 02/13/19 12:30

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Fecal Coliform MF,SM9222D,Water		Analytical Method: SM 9222D						
Coliform Fecal	217	3,A	#/100 mL	6.43	6	6	2/13/2019 16:31	T
Analysis Desc: Enterococcus,9230C,Water		Analytical Method: SM 9230 C (MF)						
Enterococcus	210	2	#/100 mL	10	10	10	2/13/2019 16:50	T

Lab ID: **T1902687006**
Sample ID: **G2SW0029**

Date Received: 02/13/19 14:59 Matrix: Water
Date Collected: 02/13/19 10:10

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc:		Analytical Method: SM 9230 C (MF)						
Enterococcus,9230C,Water								
Enterococcus	2900	2	#/100 mL	100	100	100	2/13/2019 16:50	T

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ANALYTICAL RESULTS

Workorder: T1902687 SMP

Lab ID: **T1902687007**

Date Received: 02/13/19 14:59 Matrix: Water

Sample ID: **G2SW0108**

Date Collected: 02/13/19 10:35

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	4700	2	#/100 mL	100	100	100	2/13/2019 16:50	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1902687 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] Incubator 1- 2/13/19 16:22- 17:53 Incubator 2- 17:53- 2/14/19 14:58
- B Indicates that the analyte was detected in the method blank. The recorded result is associated with a contaminated blank.
- [3] Incubator 2/13/19 16:31- 2/14/19 14:32
- A Result is the arithmetic mean of two or more measurements.
- [2] Incubator 2/13/19 16:50- 2/14/19 14:56

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T1902687 SMP

QC Batch: MICt/3054 Analysis Method: SM 9222D
QC Batch Method: SM 9222D Prepared:
Associated Lab Samples: T1902687005

METHOD BLANK: 3004254

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

METHOD BLANK: 3004258

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

QC Batch: MICt/3055 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1902687001, T1902687002, T1902687003

METHOD BLANK: 3004265

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

QC Batch: MICt/3056 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1902687004, T1902687005, T1902687006, T1902687007

METHOD BLANK: 3004283

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: T1902687 SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1902687005	G3SW0052			SM 9222D	MICt/3054
T1902687001	G2SW0031			EPA 1603	MICt/3055
T1902687002	G2SW0031_DUP			EPA 1603	MICt/3055
T1902687003	G2SW0109			EPA 1603	MICt/3055
T1902687004	G2SW0111			SM 9230 C (MF)	MICt/3056
T1902687005	G3SW0052			SM 9230 C (MF)	MICt/3056
T1902687006	G2SW0029			SM 9230 C (MF)	MICt/3056
T1902687007	G2SW0108			SM 9230 C (MF)	MICt/3056

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☐ 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

77902687

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: B370AE													
Phone: 813-470-5770		Project Address:													
Contact: Judy Ashton 813-470-5772		Special Instructions:													
Sampled By:		RQ-2019-02-11-32													
Turn Around Time: ☒ STANDARD ☐ RUSH		☐ ADaPT ☐ EQUIS ☐ Other													
Page: 2 of 2															

SAMPLE ID	SAMPLE DESCRIPTION	Grab amp	SAMPLING		MATRIX	NO. COUNT	PRE- SER- VATI- ON	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. #
			DATE	TIME						
Field ID/WIN G2SW0111			02/13/19	0950	SW	1			ENTERO	004
Site Name: Braden River Below Ward Lake@ramp										
Field ID/WIN G3SW0052			2/13/19	1230	SW	2			ENTERO FECAL	005
Site Name: Longboat Key@Bishops Bayou										
Field ID/WIN G2SW0029			2/13/19	1010	SW	1				006
Site Name: Wares Crk @ 9th Ave										
Field ID/WIN G2SW0108			2/13/19	1035	SW	1				007
Site Name: Wares Creek Tidal by Watertower										
					SW					

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 _____ (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 Sarah Meyer	2/13/19	1459	[Signature]	2-13-19	1459

FOR DRINKING WATER USE:

PWS ID: _____



☐	Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639	792
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☐	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	

54 T7902687

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:		B370AE							
Phone:		813-470-5770	Project Address:									
Contact:		Judy Ashton 813-470-5772	Special Instructions:		RQ-2019-02-11-32		E. coli					
Sampled By:												
Turn Around Time:		☒ STANDARD ☐ RUSH										
Page: 1 of 2		☐ ADAPT ☐ EQUIS ☐ Other										
SAMPLE ID	SAMPLE DESCRIPTION	Grab 2mp	SAMPLING DATE TIME		MATRIX	NO. COUNT	PRESER- VATION	ON				
Field ID/WIN	G2SW0031		2/13/19	1130	SW	1			ICE			W1
Site Name:	Wares Crk @ 36th Ave											
Field ID:	G2SW0031_DUP		2/13/19	1135	SW	1						W2
Location:	Wares Creek @ 36th Ave											
WIN ID:	G2SW0031											
Field ID/WIN	G2SW0109		2/13/19	1100	SW	1						W3
Site Name:	Wares Creek Fresh@30th Ave West											
					SW							
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 _____ (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	FOR DRINKING WATER USE:				
1 Ash M...		2/13/19	1459	C...		2-13-19	1459	PWS ID:				