



Advanced Environmental Laboratories, Inc
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July 24, 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: T1712011 TMDL/SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, July 17, 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: 498413 - 920915

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SAMPLE SUMMARY

Workorder: T1712011 TMDL/SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1712011001	G2SW0023	Water	7/17/2017 09:20	7/17/2017 13:40
T1712011002	G2SW0030	Water	7/17/2017 10:15	7/17/2017 13:40
T1712011003	G2SW0031	Water	7/17/2017 11:05	7/17/2017 13:40
T1712011004	G2SW0029	Water	7/17/2017 11:25	7/17/2017 13:40
T1712011005	G1SW0056	Water	7/17/2017 12:30	7/17/2017 13:40
T1712011006	G2SW0033	Water	7/17/2017 13:05	7/17/2017 13:40

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ANALYTICAL RESULTS

Workorder: T1712011 TMDL/SMP

Lab ID: **T1712011001** Date Received: 07/17/17 13:40 Matrix: Water
Sample ID: **G2SW0023** Date Collected: 07/17/17 09:20

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	180	B	#/100 mL	10	10	10	7/17/2017 17:00	T

Lab ID: **T1712011002** Date Received: 07/17/17 13:40 Matrix: Water
Sample ID: **G2SW0030** Date Collected: 07/17/17 10:15

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	800	B	#/100 mL	100	100	100	7/17/2017 17:00	T

Lab ID: **T1712011003** Date Received: 07/17/17 13:40 Matrix: Water
Sample ID: **G2SW0031** Date Collected: 07/17/17 11:05

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	800	B	#/100 mL	100	100	100	7/17/2017 17:00	T

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ANALYTICAL RESULTS

Workorder: T1712011 TMDL/SMP

Lab ID: **T1712011004**

Date Received: 07/17/17 13:40 Matrix: Water

Sample ID: **G2SW0029**

Date Collected: 07/17/17 11:25

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	1600	B	#/100 mL	100	100	100	7/17/2017 17:00	T

Lab ID: **T1712011005**

Date Received: 07/17/17 13:40 Matrix: Water

Sample ID: **G1SW0056**

Date Collected: 07/17/17 12:30

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	140	B	#/100 mL	10	10	10	7/17/2017 17:00	T

Lab ID: **T1712011006**

Date Received: 07/17/17 13:40 Matrix: Water

Sample ID: **G2SW0033**

Date Collected: 07/17/17 13:05

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	500	B	#/100 mL	100	100	100	7/17/2017 17:00	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1712011 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.

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T1712011 TMDL/SMP

QC Batch: MICt/3154 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1712011001, T1712011002, T1712011003, T1712011006

METHOD BLANK: 2415865

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

QC Batch: MICt/3169 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1712011004, T1712011005

METHOD BLANK: 2415951

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

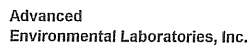
Workorder: T1712011 TMDL/SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1712011001	G2SW0023			EPA 1603	MICt/3154
T1712011002	G2SW0030			EPA 1603	MICt/3154
T1712011003	G2SW0031			EPA 1603	MICt/3154
T1712011006	G2SW0033			EPA 1603	MICt/3154
T1712011004	G2SW0029			SM 9230 C (MF)	MICt/3169
T1712011005	G1SW0056			SM 9230 C (MF)	MICt/3169

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T 17/2011

LAB NUMBER:

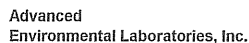
Page 1 of 2

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE	Sterile Plastic Bottle								L A B N U M B E R
ADDRESS: 13051 N. Telecom Pkwy Temple Terrace, FL 33637		P.O. NUMBER/PROJECT NUMBER:		A R N E A Q L U Y I S R I E S D	Fecal Coliforms	E. coli	Enterococcus						
PHONE: 813-470-5700		PROJECT LOCATION: Florida											
CONTACT: Matthew Bearden Sarah Ernst		FAX: 813-470-5996											
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS: PO AF315E											
☒ STANDARD ☐ RUSH													
Samples are ambient water and not suspected to contain chlorine													
WW=waste water		SW=surface water		GW=ground water		DW=drinking water		O=oil	A=air	SO=soil	SL=sludge		
Field ID	SITE NAME			Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preserv	Ice, T			
					DATE	TIME							
RQ-2017-07-17-27 Date: 07/17/17 Time: Lil Manatee R.	G2SW0023 ↓STORET Field ID ↑ G2SU0023			Grab	7/17/17	0920	SW	1			1		
RQ-2017-07-17-27 Date: 07/17/17 Time: Gap Creek	G2SW0030 ↓STORET Field ID ↑ G2SU0030			Grab	7/17/17	1015	SW	1			1		
RQ-2017-07-17-27 Date: 07/17/17 Time: Wares Fresh	G2SW0031 ↓STORET Field ID ↑ G2SU0031			Grab	7/17/17	1105	SW	1			1		
RQ-2017-07-17-26 Date: 07/17/17 Time: Wares Tidal	G2SW0029 ↓STORET Field ID ↑ G2SU0029			Grab	(b)(4)		SW						
				Grab	7/17/17	1125	SW	1			1		
I=Ice H=(HCl) S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)													
Shipment Out:		Method		Sample Kit		Cooler #		Relinquish by: Date Time Received by: Date Time					
Via:		Via:		RB		D/T		1 L. Bachler 7/17/17 1340 Z. Lee 7/17/17 1340					
Ret:		Via:		AB		D/T		2					
				Trip Bl.				4					

Received on 1c

☒ Yes ☐ NoQC ☐ sent☐ received

revised 1/12



LAB NUMBER:

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CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE	Sterile Plastic Bottle											L A B N U M B E R
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:		A R N E A Q L U Y I S R I E S D	Fecal Coliforms	E. coli	Enteroc									
Temple Terrace, FL 33637		PROJECT LOCATION: Florida														
PHONE: 813-470-5700		FAX: 813-470-5996														
CONTACT: Matthew Bearden Sarah Ernst		SAMPLED BY:														
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS: PO AF315E														
☒ STANDARD ☐ RUSH																
Samples are ambient water and not suspected to contain chlorine																
WW=waste water		SW=surface water		GW=ground water		DW=drinking water		O=oil	A=air	SO=soli	SL=sludge					
Field ID	SITE NAME			Grab Comp	SAMPLING DATE TIME		MATRIX	NO. COUNT	Preserv	Ice, T						
RQ-2017-07-17-26 Date: 07/17/17 Time: Sims Branch	G1SW0056 ↓STORET Field ID ↑ G1SW0056			Grab	7/17/17	1230	SW	1								
				Grab			SW									
RQ-2017-07-17-27 Date: 07/17/17 Time: Rice Creek	G2SW0033 ↓STORET Field ID ↑ G2SW0033			Grab	7/17/17	1305	SW	1								
				Grab			SW									
				Grab			SW									
				Grab			SW									
I-Ice H=(HCl) S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)																
Shipment		Method		Sample Kit		Cooler #		Relinquish by: Date Time Received by: Date Time								
Out: _____		Via: _____		RB _____		D/T _____		1 Libacher 7/17/17 1340 Z. [Signature] 7/17/17 1340								
Ret: _____		Via: _____		AB _____		D/T _____		2 _____								
				Trip Bl.				3 _____								
								4 _____								

Received on 1c

Yes ☒ No ☐

QC ☐ sent☐ received

revised 1/12