



Advanced Environmental Laboratories, Inc
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June 21, 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: T1709697 TMDL/SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, June 06, 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: 491099 - 752022

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SAMPLE SUMMARY

Workorder: T1709697 TMDL/SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1709697001	G2SW0023	Water	6/6/2017 09:15	6/6/2017 12:55
T1709697002	G2SW0030	Water	6/6/2017 10:05	6/6/2017 12:55
T1709697003	G2SW0031	Water	6/6/2017 10:40	6/6/2017 12:55
T1709697004	G2SW0029	Water	6/6/2017 11:00	6/6/2017 12:55
T1709697005	G1SW0056	Water	6/6/2017 11:55	6/6/2017 12:55
T1709697006	G2SW0033	Water	6/6/2017 12:30	6/6/2017 12:55

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ANALYTICAL RESULTS

Workorder: T1709697 TMDL/SMP

Lab ID: **T1709697001**

Date Received: 06/06/17 12:55 Matrix: Water

Sample ID: **G2SW0023**

Date Collected: 06/06/17 09:15

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	600		#/100 mL	10	10	10	6/6/2017 15:55	T

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ANALYTICAL RESULTS

Workorder: T1709697 TMDL/SMP

Lab ID: **T1709697002**

Date Received: 06/06/17 12:55 Matrix: Water

Sample ID: **G2SW0030**

Date Collected: 06/06/17 10:05

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	360		#/100 mL	10	10	10	6/6/2017 15:55	T

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ANALYTICAL RESULTS

Workorder: T1709697 TMDL/SMP

Lab ID: **T1709697003**

Date Received: 06/06/17 12:55 Matrix: Water

Sample ID: **G2SW0031**

Date Collected: 06/06/17 10:40

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	440		#/100 mL	10	10	10	6/6/2017 15:55	T

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ANALYTICAL RESULTS

Workorder: T1709697 TMDL/SMP

Lab ID: **T1709697004**

Date Received: 06/06/17 12:55 Matrix: Water

Sample ID: **G2SW0029**

Date Collected: 06/06/17 11:00

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	3500		#/100 mL	100	100	100	6/6/2017 16:02	T

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ANALYTICAL RESULTS

Workorder: T1709697 TMDL/SMP

Lab ID: **T1709697005**

Date Received: 06/06/17 12:55 Matrix: Water

Sample ID: **G1SW0056**

Date Collected: 06/06/17 11:55

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	10	B	#/100 mL	10	10	10	6/6/2017 16:02	T

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ANALYTICAL RESULTS

Workorder: T1709697 TMDL/SMP

Lab ID: **T1709697006**

Date Received: 06/06/17 12:55 Matrix: Water

Sample ID: **G2SW0033**

Date Collected: 06/06/17 12:30

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	2400		#/100 mL	100	100	100	6/6/2017 15:55	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1709697 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: T1709697 TMDL/SMP

QC Batch: MICt/2993 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1709697001, T1709697002, T1709697003, T1709697006

METHOD BLANK: 2382397

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

QC Batch: MICt/3002 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1709697004, T1709697005

METHOD BLANK: 2382480

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

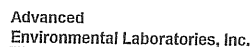
Workorder: T1709697 TMDL/SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1709697001	G2SW0023			EPA 1603	MICt/2993
T1709697002	G2SW0030			EPA 1603	MICt/2993
T1709697003	G2SW0031			EPA 1603	MICt/2993
T1709697006	G2SW0033			EPA 1603	MICt/2993
T1709697004	G2SW0029			SM 9230 C (MF)	MICt/3002
T1709697005	G1SW0056			SM 9230 C (MF)	MICt/3002

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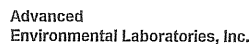
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T1709699
LAB NUMBER:

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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:																
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							A R									
☒ STANDARD													N E									
☐ RUSH _____													A Q									
													L U									
													Y I									
													S R									
													I E									
													S D									
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-2017-06-05-39 Date: 06/06/17 Time: ↓ STORET Field ID ↑ Lil Manatee River	G2SW0023					(Grab)	6-6-17	0915	(SW)	1			1						001			
RQ-2017-06-05-39 Date: 06/06/17 Time: ↓ STORET Field ID ↑ Gap Creek	G2SW0030					(Grab)	6-6-17	1005	(SW)	1			1						002			
RQ-2017-06-05-39 Date: 06/06/17 Time: ↓ STORET Field ID ↑ Wares Fresh	G2SW0031					Grab			SW										003			
RQ-2017-06-05-39 Date: 06/06/17 Time: ↓ STORET Field ID ↑ Wares Fresh	G2SW0031					(Grab)	6-6-17	1040	(SW)	1			1						004			
RQ-2017-06-05-40 Date: 06-06-2017 Time: ↑ STORET Field ID ↓ Wares Creek (Tidal)	G2SW0029					Grab			SW													
						(Grab)	6-6-17	1100	(SW)	1			1						00			
H=(HCl) S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)												Relinquish by: Date Time Received by: Date Time										
Shipment Out:		Method Via:		Sample Kit RB		Cooler # D/T		1 JASH/DN 6-6-17 1255 JASH/DN 6/6/17 1255														
Ret:		Via:		Trip Bl.		D/T		2														
Received on Ic		Yes No		QC sent		received																

revised 1/12



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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	Feet 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=soil SL=sludge																	
Field ID	SITE NAME						Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preserv	Ice, T				
							DATE	TIME									
RQ-2017-06-05-40 Date: 06-06-2017 Time: Sims Branch	G1SW0056 Field ID STORET [Barcode] G1SU0056						(Grab)	6-6-17	1155	(SW)	1						
RQ-2017-06-05-39 Date: 06/06/17 Time: Rice Creek	G2SW0033 ↓STORET Field ID ↑ [Barcode] G2SU0033						(Grab)	6-6-17	1230	(SW)	1						
							(Grab)			SW							
							Grab			SW							
							Grab			SW							
							Grab			SW							
Ice H=(HCl) S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)		Method		Sample Kit		Cooler #	Relinquish by: Date Time Received by: Date Time										
Shipment Out: _____		Via: _____		RB _____		D/T _____	1 J. Ashton 6-6-17 1255 Z. [Signature] 6/6/17 1255										
Ret: _____		Via: _____		AB _____		D/T _____	2 _____										
				Trip Bl.			3 _____										
							4 _____										

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