



Advanced Environmental Laboratories, Inc
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April 20, 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: T1706561 TMDL/SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, April 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: 482343 - 478337

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SAMPLE SUMMARY

Workorder: T1706561 TMDL/SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1706561001	G2SW0006	Water	4/17/2017 09:15	4/17/2017 14:45
T1706561002	G1SW0046	Water	4/17/2017 10:15	4/17/2017 14:45
T1706561003	G1SW0066	Water	4/17/2017 10:30	4/17/2017 14:45
T1706561004	G2SW0016	Water	4/17/2017 11:55	4/17/2017 14:45
T1706561005	G2SW0015	Water	4/17/2017 12:15	4/17/2017 14:45
T1706561006	G1SW0056	Water	4/17/2017 14:10	4/17/2017 14:45

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ANALYTICAL RESULTS

Workorder: T1706561 TMDL/SMP

Lab ID: **T1706561001** Date Received: 04/17/17 14:45 Matrix: Water
Sample ID: **G2SW0006** Date Collected: 04/17/17 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	360		#/100 mL	10	10	10	4/17/2017 16:25	T^

Lab ID: **T1706561002** Date Received: 04/17/17 14:45 Matrix: Water
Sample ID: **G1SW0046** Date Collected: 04/17/17 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	4000		#/100 mL	100	100	100	4/17/2017 16:25	T^

Lab ID: **T1706561003** Date Received: 04/17/17 14:45 Matrix: Water
Sample ID: **G1SW0066** Date Collected: 04/17/17 10:30

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	5600		#/100 mL	100	100	100	4/17/2017 16:25	T^

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ANALYTICAL RESULTS

Workorder: T1706561 TMDL/SMP

Lab ID: **T1706561004**

Date Received: 04/17/17 14:45 Matrix: Water

Sample ID: **G2SW0016**

Date Collected: 04/17/17 11:55

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	1	U	#/100 mL	1	1	1	4/17/2017 16:25	T^

Lab ID: **T1706561005**

Date Received: 04/17/17 14:45 Matrix: Water

Sample ID: **G2SW0015**

Date Collected: 04/17/17 12:15

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	280		#/100 mL	10	10	10	4/17/2017 16:25	T^

Lab ID: **T1706561006**

Date Received: 04/17/17 14:45 Matrix: Water

Sample ID: **G1SW0056**

Date Collected: 04/17/17 14:10

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	1	U	#/100 mL	1	1	1	4/17/2017 16:46	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1706561 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.

LAB QUALIFIERS

- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)
- T^ Not Certified

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QUALITY CONTROL DATA

Workorder: T1706561 TMDL/SMP

QC Batch: MICt/2745 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1706561001, T1706561002, T1706561003, T1706561004, T1706561005

METHOD BLANK: 2329530

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

QC Batch: MICt/2746 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1706561006

METHOD BLANK: 2330933

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: T1706561 TMDL/SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1706561001	G2SW0006			EPA 1603	MICt/2745
T1706561002	G1SW0046			EPA 1603	MICt/2745
T1706561003	G1SW0066			EPA 1603	MICt/2745
T1706561004	G2SW0016			EPA 1603	MICt/2745
T1706561005	G2SW0015			EPA 1603	MICt/2745
T1706561006	G1SW0056			SM 9230 C (MF)	MICt/2746

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LAB NUMBER:

Page 1 of 2

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Sterile Plastic Bottle														LAB NUMBER	
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER		A R																	
Temple Terrace, FL 33637		PROJECT LOCATION: Florida		N E																	
PHONE: 813-470-5700		FAX: 813-470-5995		A Q																	
CONTACT: Matthew Bearden		SAMPLED BY:		L U																	
TURN AROUND TIME:				Y I																	
☒ STANDARD				S R																	
☐ RUSH				I E																	
				S D																	
REMARKS/SPECIAL INSTRUCTIONS: PO AF315E																					
Samples are ambient water and not suspected to contain chlorine																					
WW=waste water		SW=surface water		GW=ground water		DW=drinking water		Grab		SAMPLING		DATE		TIME		MATRIX		NO. COUNT		Preserv	
Field ID		SITE NAME		Grab Camp																Ice, Y	
RQ-2017-04-17-27		English Crk		Grab		4/17/17		0915		SW		1								1	
Date: 04/17/17		G2SW0046																			
Time:		↓STORET Field ID ↑																			
		G2SW0046																			
RQ-2017-04-17-27		Delany Creek		Grab		4/17/17		1015		SW		1								1	
Date: 04/17/17		G1SW0046																			
Time:		↓STORET Field ID ↑																			
		G1SW0046																			
RQ-2017-04-17-27		Delany Crk @ Maydell		Grab		4/17/17		1030		SW		1								1	
Date: 04/17/17		G1SW0066																			
Time:		↓STORET Field ID ↑																			
		G1SW0066																			
RQ-2017-04-17-27		BRADEN R		Grab		4/17/17		1155		SW		1								1	
Date: 04/17/17		G2SW0016																			
Time:		↓STORET Field ID ↑																			
		G2SW0016																			
Ice		H(HCl)		S(H ₂ SO ₄)		N(HNO ₃)		T(Sodium Thiosulfate)		Sample Kit		Cooler #		Retain/ush by:		Date		Time		Received by:	
Shipment		Via:		Via:		Via:		Via:		RB		D/T		1		4-17-17		1445		4/17/17	
Out:										AB		D/T		2							
Ret:										Trip Bl				3							
														4							

Received on ☐ Yes ☐ No ☐ sent ☐ received

revised 1/12



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LAB NUMBER:

TR06561 Page 2 of 2

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Sterile Plastic Bottle												LAB	
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:																NUM	
Temple Terrace, FL 33637		PROJECT LOCATION: Florida																BER	
PHONE: 813-470-5700		FAX: 813-470-5008																	
CONTACT: Matthew Bearden Sarah Smith		SAMPLED BY:																	
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS:																	
☒ STANDARD		PO AF315E																	
☐ 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		SD=sediment		SL=sediment					
Field ID		SITE NAME		Grab Comp		SAMPLING		MATRIX		NO. COUNT		Preserv		Ice, T		Ice		Ice	
						DATE		TIME											
RQ-2017-04-17-27		G2SW0015		Grab		4/17/17		1215		SW		1						WS	
Date: 04/17/17		↓STORET Field ID ↑																	
Time:		62500015																	
NONSENSE																			
1																			
RQ-2017-04-17-27		G1SW0056		Grab		4/17/17		1410		SW		1						WB	
Date: 04/17/17		↓STORET Field ID ↑																	
Time:		61500056																	
SIMMS BRCH																			
				Grab						SW									
				Grab						SW									
				Grab						SW									
				Grab						SW									

H=HCl		S=H ₂ SO ₄		N=HNO ₃		T=Sodium Thiosulfate				Relinquish by:		Date		Time		Received by:		Date		Time			
Shipment		Method		Sample ID		Cooler #				1		J. Asifrom		4-17-17		1445		2/24/18		4/17/17		1445	
Out:		Via:		RB		CVT				2													
Ret:		Via:		AB		CVT				3													
				Trip Bl.						4													

Received on 1c

☒ Yes ☐ No

QC ☒ sent

☐ received

revised 1/12