Advanced Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

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,

Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

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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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ACCREDITED IN ACCORDANCE WITH nelac

3004.1.0.0

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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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☐ 528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597• E53076

T1712011

LAB NUMBER:

CLIENT NAME: FDEP - SW District	PROJECT NAME: TMDL / SMP		
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: ☑ STANDARD ☐ RUSH ____	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 O=oil A=air SO=soil SL=sludge

Field ID	SITE NAME	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preserv	Ice, T	BOTTLE SIZE & TYPE: Sterile Plastic Bottle							LAB NUMBER
									ARNEAQLUYISRIESD	Fecal Coliforms	E. Coli	Enterco				
RQ-2017-07-17-27 Date: 07/17/17 Time:	G2SW0023 ↓STORET Field ID ↑ G2SW0023 Lil Manatee R.	Grab	7/17/17	0920	SW	1				1						001
RQ-2017-07-17-27 Date: 07/17/17 Time:	G2SW0030 ↓STORET Field ID ↑ G2SW0030 Gap Creek	Grab	7/17/17	1015	SW	1				1						002
RQ-2017-07-17-27 Date: 07/17/17 Time:	G2SW0031 ↓STORET Field ID ↑ G2SW0031 Wares Fresh	Grab	7/17/17	1105	SW	1				1						003
RQ-2017-07-17-26 Date: 07/17/17 Time:	G2SW0029 ↓STORET Field ID ↑ G2SW0029 Wares Tidal	Grab		(b) 4	SW											
		Grab	7/17/17	1125	SW	1				1						004

I-Ice H=(HCl) S=(H_2SO_4) N=(HNO_3) T=(Sodium Thiosulfate)

Shipment Out: ____ Ret: ____	Method Via: ____ Via: ____	Sample Kit RB ____ D/T ____ AB ____ D/T ____ Trip Bl.	Cooler # ____ ____ ____

	Relinquish by:	Date	Time	Received by:	Date	Time
1	L. Bachler	7/17/17	1340		7/17/17	1340
2						
3						
4						

Received on Ice ☑ Yes ☐ No QC ☐ sent ☐ received

3°C

revised 1/12

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T 1 7(2011

LAB NUMBER:

CLIENT NAME: FDEP - SW District	PROJECT NAME: TMDL / SMP		
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: ☑ STANDARD ☐ RUSH _____	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 O=oil A=air SO=soil SL=sludge

Field ID	SITE NAME	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preserv	Ice, T	BOTTLE SIZE & TYPE: Sterile Plastic Bottle							LAB NUMBER
									AR NE AQ LU YI SR IE SD: Fecal Coliforms	E. Coli	Entero					
RQ-2017-07-17-26 Date: 07/17/17 Time:	G1SW0056 ↓STORET Field ID ↑ Sims Branch G1SW0056	Grab	7/17/17	1230	SW	1					1					005
		Grab			SW											
RQ-2017-07-17-27 Date: 07/17/17 Time:	G2SW0033 ↓STORET Field ID ↑ Rice Creek G2SW0033	Grab	7/17/17	1305	SW	1				1						006
		Grab			SW											
		Grab			SW											
		Grab			SW											

I-Ice H=(HCl) S=(H_2SO_4) N=(HNO_3) T=(Sodium Thiosulfate)

Shipment Out: _____ Ret: _____	Method Via: _____ Via: _____	Sample Kit Cooler # _____ RB _____ D/T _____ AB _____ D/T _____ Trip Bl.	

	Relinquish by:	Date	Time	Received by:	Date	Time
1	L Bachler	7/17/17	1340	[signature]	7/17/17	1340
2						
3						
4						

Received on Ic ☑ Yes ☐ No QC ☐ sent ☐ received

revised 1/12