



Advanced Environmental Laboratories, Inc
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November 16, 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: T1719211 TMDL/SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, November 07, 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: 519576 - 1492699

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SAMPLE SUMMARY

Workorder: T1719211 TMDL/SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1719211001	G2SW0016	Water	11/7/2017 11:40	11/7/2017 14:48
T1719211002	G2SW0015	Water	11/7/2017 12:20	11/7/2017 14:48
T1719211003	G2SW0018	Water	11/7/2017 12:45	11/7/2017 14:48
T1719211004	G2SW0017	Water	11/7/2017 13:00	11/7/2017 14:48
T1719211005	G2SW0029	Water	11/7/2017 13:40	11/7/2017 14:48

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ANALYTICAL RESULTS

Workorder: T1719211 TMDL/SMP

Lab ID: **T1719211001** Date Received: 11/07/17 14:48 Matrix: Water
Sample ID: **G2SW0016** Date Collected: 11/07/17 11:40

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	120	1,B	#/100 mL	10	10	10	11/7/2017 16:00	T

Lab ID: **T1719211002** Date Received: 11/07/17 14:48 Matrix: Water
Sample ID: **G2SW0015** Date Collected: 11/07/17 12:20

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	2000	1,B	#/100 mL	1000	1000	1000	11/7/2017 16:00	T

Lab ID: **T1719211003** Date Received: 11/07/17 14:48 Matrix: Water
Sample ID: **G2SW0018** Date Collected: 11/07/17 12:45

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	11/7/2017 16:00	T

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ANALYTICAL RESULTS

Workorder: T1719211 TMDL/SMP

Lab ID: **T1719211004**

Date Received: 11/07/17 14:48 Matrix: Water

Sample ID: **G2SW0017**

Date Collected: 11/07/17 13:00

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	3200	1	#/100 mL	100	100	100	11/7/2017 16:00	T

Lab ID: **T1719211005**

Date Received: 11/07/17 14:48 Matrix: Water

Sample ID: **G2SW0029**

Date Collected: 11/07/17 13:40

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	90	B,2	#/100 mL	10	10	10	11/7/2017 16:00	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1719211 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.
- [1] Incubator #1: 11/7/17 16:00-1800 Incubator #2: 11/7/17 18:00- 11/8/17 16:00
- [2] Incubator: 11/7/17 16:00-11/8/17 14:00

LAB QUALIFIERS

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

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QUALITY CONTROL DATA

Workorder: T1719211 TMDL/SMP

QC Batch: MICt/3766 Analysis Method: SM 9230 C (MF)
QC Batch Method: SM 9230 C (MF) Prepared:
Associated Lab Samples: T1719211005

METHOD BLANK: 2529578

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

QC Batch: MICt/3780 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1719211001, T1719211002, T1719211003, T1719211004

METHOD BLANK: 2529651

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1719211 TMDL/SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1719211005	G2SW0029			SM 9230 C (MF)	MICt/3766
T1719211001	G2SW0016			EPA 1603	MICt/3780
T1719211002	G2SW0015			EPA 1603	MICt/3780
T1719211003	G2SW0018			EPA 1603	MICt/3780
T1719211004	G2SW0017			EPA 1603	MICt/3780

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LAB NUMBER:

771921

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CLIENT NAME:								
PROJECT NAME:								
P.O. NUMBER/PROJECT NUMBER:								
PROJECT LOCATION:								
FAC:								
SAMPLED BY:								
TURN AROUND TIME:								
REMARKS/SPECIAL INSTRUCTIONS:								
PO AF315E								
BOTTLE SIZE & TYPE								
STERILE PLASTIC BOTTLES								
A R N E A Q L U Y I S R I E S D								
FECAL COLIFORMS								
E. coli								
Waste water SW=surface water GW=ground water DW=drinking water DM=dredged material SO=soil SL=sediment								
FIELD ID SITE NAME Grab Comp DATE TIME MATRIX NO. COUNT Preserv Inc T								
RQ-2017-11-06-34 Date: 11-07-2017 Time: Field ID G2SW0016 STORET G2SW0016 Braden River	(Grab)	11-7-17	1140	SW	1			
RQ-2017-11-06-34 Date: 11-07-2017 Time: Field ID G2SW0015 STORET G2SW0015 Nonsense Crk	(Grab)	11-7-17	1220	SW	1			
RQ-2017-11-06-34 Date: 11-07-2017 Time: Field ID G2SW0018 STORET G2SW0018 Cedar Crk	(Grab)	11-7-17	1245	SW	1			
RQ-2017-11-06-34 Date: 11-07-2017 Time: Field ID G2SW0017 STORET G2SW0017 Rattlesnake Slough	(Grab)	11-7-17	1300	SW	1			
H=(HCl) S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)								
Shipment Out Via Method Sample Kit Cooler # Trip BL								
Retain by: Date Time Received by: Date Time								
1 ASHAW 11-7-17 1448 JH 11-7-17 1448								

revised 1/12