



Advanced Environmental Laboratories, Inc
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April 2, 2018

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: T1804153 SMP

Dear Francis Moore:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, March 13, 2018. 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: 543101 - 424065

Page 1 of 11

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SAMPLE SUMMARY

Workorder: T1804153 SMP

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1804153001	G2SW0050	Water	3/13/2018 10:55	3/13/2018 14:12
T1804153002	G2SW0050	Water	3/13/2018 11:00	3/13/2018 14:12
T1804153003	Blank	Water	3/13/2018 12:00	3/13/2018 14:12
T1804153004	G2SW0049	Water	3/13/2018 12:30	3/13/2018 14:12
T1804153005	G2SW0014	Water	3/13/2018 12:50	3/13/2018 14:12
T1804153006	G2SW0006	Water	3/13/2018 11:40	3/13/2018 14:12
T1804153007	G2SW0048	Water	3/13/2018 12:20	3/13/2018 14:12
T1804153008	G2SW0025	Water	3/13/2018 09:50	3/13/2018 14:12
T1804153009	G2SW0051	Water	3/13/2018 10:10	3/13/2018 14:12
T1804153010	G2SW0026	Water	3/13/2018 10:40	3/13/2018 14:12

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ANALYTICAL RESULTS

Workorder: T1804153 SMP

Lab ID: **T1804153001**
Sample ID: **G2SW0050**

Date Received: 03/13/18 14:12 Matrix: Water
Date Collected: 03/13/18 10:55

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	1400	1,B	#/100 mL	100	100	100	3/13/2018 15:50	T

Lab ID: **T1804153002**
Sample ID: **G2SW0050**

Date Received: 03/13/18 14:12 Matrix: Water
Date Collected: 03/13/18 11:00

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	830	1,B	#/100 mL	10	10	10	3/13/2018 15:50	T

Lab ID: **T1804153003**
Sample ID: **Blank**

Date Received: 03/13/18 14:12 Matrix: Water
Date Collected: 03/13/18 12:00

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	4	U,1	#/100 mL	4	4	4	3/13/2018 15:50	T

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ANALYTICAL RESULTS

Workorder: T1804153 SMP

Lab ID: **T1804153004**

Date Received: 03/13/18 14:12 Matrix: Water

Sample ID: **G2SW0049**

Date Collected: 03/13/18 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	560	1	#/100 mL	10	10	10	3/13/2018 15:50	T

Lab ID: **T1804153005**

Date Received: 03/13/18 14:12 Matrix: Water

Sample ID: **G2SW0014**

Date Collected: 03/13/18 12:50

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	400	1	#/100 mL	10	10	10	3/13/2018 15:50	T

Lab ID: **T1804153006**

Date Received: 03/13/18 14:12 Matrix: Water

Sample ID: **G2SW0006**

Date Collected: 03/13/18 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	380	1	#/100 mL	10	10	10	3/13/2018 15:50	T

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ANALYTICAL RESULTS

Workorder: T1804153 SMP

Lab ID: **T1804153007**

Date Received: 03/13/18 14:12 Matrix: Water

Sample ID: **G2SW0048**

Date Collected: 03/13/18 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	490	1	#/100 mL	10	10	10	3/13/2018 15:50	T

Lab ID: **T1804153008**

Date Received: 03/13/18 14:12 Matrix: Water

Sample ID: **G2SW0025**

Date Collected: 03/13/18 09:50

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	3/13/2018 15:50	T

Lab ID: **T1804153009**

Date Received: 03/13/18 14:12 Matrix: Water

Sample ID: **G2SW0051**

Date Collected: 03/13/18 10:10

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	1	#/100 mL	10	10	10	3/13/2018 15:50	T

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ANALYTICAL RESULTS

Workorder: T1804153 SMP

Lab ID: **T1804153010**

Date Received: 03/13/18 14:12 Matrix: Water

Sample ID: **G2SW0026**

Date Collected: 03/13/18 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	3400	1	#/100 mL	100	100	100	3/13/2018 15:50	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1804153 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.
- [1] Incubator 1 3/13/18 15:50-17:50 In incubator 2 3/13/18 17:50- 3/14/18 15:50
- 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: T1804153 SMP

QC Batch: MICt/1359 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1804153001, T1804153002, T1804153003, T1804153004, T1804153005, T1804153006, T1804153007, T1804153008

METHOD BLANK: 2648879

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

QC Batch: MICt/1363 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: T1804153009, T1804153010

METHOD BLANK: 2648948

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: T1804153 SMP

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1804153001	G2SW0050			EPA 1603	MICt/1359
T1804153002	G2SW0050			EPA 1603	MICt/1359
T1804153003	Blank			EPA 1603	MICt/1359
T1804153004	G2SW0049			EPA 1603	MICt/1359
T1804153005	G2SW0014			EPA 1603	MICt/1359
T1804153006	G2SW0006			EPA 1603	MICt/1359
T1804153007	G2SW0048			EPA 1603	MICt/1359
T1804153008	G2SW0025			EPA 1603	MICt/1359
T1804153009	G2SW0051			EPA 1603	MICt/1363
T1804153010	G2SW0026			EPA 1603	MICt/1363

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☐ Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
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71804153

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE												LABORATORY I.D. #								
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: AF315E																						
Phone: 813-470-5770		Project Address:																						
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-03-12-12																						
Sampled By:				Analysis Required																				
Turn Around Time: ☒ STANDARD ☐ RUSH																								
Page: 1 of 2		☐ ADaPT ☐ EQULS ☐ Other																						
SAMPLE ID		SAMPLE DESCRIPTION		Grab Comp		SAMPLING DATE TIME		MATRIX		NO. COUNT		TYPES ER-VATI-ON												
Field ID/WIN		G2SW0050				3-13-18 1055		SW		1		1												01
Site Name:		Mustang Ranch @ CR 39				3-13-18 1100		"		1		1												02
Field ID/WIN		G2SW0050				3-13-18 1200		"		1		1												03
Site Name:		Mustang Rch @ CR 39_DUP				3-13-18 1230		"		1		1												04
Field ID/WIN		BLANK				3-13-18 1250		"		1		1												05
Site Name:		BLANK																						
Field ID/WIN		G2SW0049																						
Site Name:		Poley Creek @ SR60																						
Field ID/WIN		G2SW0014																						
Site Name:		Poley Creek @ Shepard Rd																						

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked Temperature when received 4.2 (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 (T: 10A) A: 3A M: 3A S: 1V

Relinquished by:		Date		Time		Received by:		Date		Time	
J. Ashton		3-13-18		1412		[Signature]		3/13/18		1412	

FOR DRINKING WATER USE:

PWS ID:



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T/1804153

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE												LABORATORY I.D. #	
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: AF315E		Analysis Required		E. coli											
Phone: 813-470-5770		Project Address:															
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-03-12-12															
Sampled By:																	
Turn Around Time: ☒ STANDARD ☐ RUSH																	
Page: 2 of 2																	
SAMPLE ID		SAMPLE DESCRIPTION		Grab Comp		SAMPLING DATE TIME		MATRIX		NO. COUNT		ER- VATT ON					
Field ID/WIN		G2SW0006				3-13-18 1140		SW		1		1				01	
Site Name:		English Creek above SR 60															
Field ID/WIN		G2SW0048				3-13-18 1220		"		1		1				07	
Site Name:		English Creek @ Old Mulberry Rd															
Field ID/WIN		G2SW0025				3-13-18 0950		"		1		1				08	
Site Name:		Turkey Creek @ Sydney Rd															
Field ID/WIN		G2SW0051				3-13-18 1010		"		1		1				09	
Site Name:		Turkey Creek @ SR 60															
Field ID/WIN		G2SW0026				3-13-18 1040		"		1		1				10	
Site Name:		Mustang Ranch Creek @ Hopewell															

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received 4.0 (in degrees celsius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

Relinquished by:	Date	Time	Received by:	Date	Time
J. Ashton	3-13-18	1412	Joshua Pittman	3/13/18	1412

FOR DRINKING WATER USE:

PWS ID: