

October 23, 2017

Jordan Skaggs
Florida Department of Environmental Assessment & Restoration
2199 S Rock Road
Fort Pierce, FL 34945

RE: Workorder: M1704036 Bro Blue

Dear Jordan Skaggs:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, October 16, 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,



Tiffany Mackie - Client Services Manager
TMackie@AELLab.com

Enclosures

Report ID: 515239 - 1379092

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SAMPLE SUMMARY

Workorder: M1704036 Bro Blue

Lab ID	Sample ID	Matrix	Date Collected	Date Received
M1704036001	28030546	Water	10/16/2017 09:55	10/16/2017 12:30
M1704036002	G4SE0047	Water	10/16/2017 10:30	10/16/2017 12:30
M1704036003	28030552	Water	10/16/2017 10:45	10/16/2017 12:30
M1704036004	G4SE0036	Water	10/16/2017 11:15	10/16/2017 12:30
M1704036005	G4SE0037	Water	10/16/2017 12:00	10/16/2017 12:30

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ANALYTICAL RESULTS

Workorder: M1704036 Bro Blue

Lab ID: **M1704036001** Date Received: 10/16/17 12:30 Matrix: Water
Sample ID: **28030546** Date Collected: 10/16/17 09:55

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	85	B	#/100 mL	20	20	20	10/16/2017 17:39	M^

Lab ID: **M1704036002** Date Received: 10/16/17 12:30 Matrix: Water
Sample ID: **G4SE0047** Date Collected: 10/16/17 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	90	B	#/100 mL	20	20	20	10/16/2017 17:39	M^

Lab ID: **M1704036003** Date Received: 10/16/17 12:30 Matrix: Water
Sample ID: **28030552** Date Collected: 10/16/17 10:45

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus,EPA 1600,Water			Analytical Method: EPA 1600 (MF)					
Enterococcus	48		#/100 mL	2	2	2	10/16/2017 17:39	M

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ANALYTICAL RESULTS

Workorder: M1704036 Bro Blue

Lab ID: **M1704036004**

Date Received: 10/16/17 12:30 Matrix: Water

Sample ID: **G4SE0036**

Date Collected: 10/16/17 11:15

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus,EPA 1600,Water			Analytical Method: EPA 1600 (MF)					
Enterococcus	50		#/100 mL	2	2	2	10/16/2017 18:33	M

Lab ID: **M1704036005**

Date Received: 10/16/17 12:30 Matrix: Water

Sample ID: **G4SE0037**

Date Collected: 10/16/17 12:00

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Microbiology								
Analysis Desc: Enterococcus,EPA 1600,Water			Analytical Method: EPA 1600 (MF)					
Enterococcus	28	B	#/100 mL	2	2	2	10/16/2017 18:33	M

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ANALYTICAL RESULTS QUALIFIERS

Workorder: M1704036 Bro Blue

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

- M DOH Certification #E82535(AEL-M)(FL NELAC Certification)
- M^ Not Certified

INCUBATION DATES & TIMES

E Coli (EPA1603) 10/16/17

M1704036 (setup 10/16/17; readback 10/17/17) (inc. = incubator)

in inc. 1: 17:39, at 35.4 C;

out inc. 1: 19:43, at 35.2 C;

in inc. 2: 19:46, at 44.6 C;

out inc 2 and readback: 19:13, at 44.6 C.

Enterococci (EPA 1600) 10/16/17

M1704036 (setup 10/16/17; readback 10/17/17) (inc. = incubator)

in inc.: 1833, at 41 C;

out inc and readback: 1915, at 40.5 C.

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QUALITY CONTROL DATA

Workorder: M1704036 Bro Blue

QC Batch: MICm/2106 Analysis Method: EPA 1600 (MF)
QC Batch Method: EPA 1600 (MF) Prepared:
Associated Lab Samples: M1704036003, M1704036004, M1704036005

METHOD BLANK: 2507437

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

METHOD BLANK: 2507438

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

QC Batch: MICm/2107 Analysis Method: EPA 1603
QC Batch Method: EPA 1603 Prepared:
Associated Lab Samples: M1704036001, M1704036002

METHOD BLANK: 2507449

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

METHOD BLANK: 2507450

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: M1704036 Bro Blue

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
M1704036003	28030552			EPA 1600 (MF)	MICm/2106
M1704036004	G4SE0036			EPA 1600 (MF)	MICm/2106
M1704036005	G4SE0037			EPA 1600 (MF)	MICm/2106
M1704036001	28030546			EPA 1603	MICm/2107
M1704036002	G4SE0047			EPA 1603	MICm/2107

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Miramar: 10200 USA Today Way, Miramar, FL 33025
Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee
Tampa: 9810 Pinellas Palm Ave. • Tampa, FL 33619 • 813.630.4616 • Fax 813.630.4327

M1704036

Client Name: FDEP		Project Name: BMD B100		BOTTLE SIZE & TYPE			
Address: 2199 S. Rock Rd.		P.O. Number or Project Number: 60-2017-10-18031					
Phone: 941-984-6327		FDEP Facility No:					
FAX:		Project Address:					
Contact:		Special Instructions:					
Sampled By:							
Turn Around Time: ☐ STANDARD ☐ RUSH							
Page: of		☐ ADAPT ☐ EQUIS ☐ Other		ANALYSIS REQUIRED			
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	MATRIX	NO. COUNT	PRESERVATION	LABORATORY I.D. NUMBER
28030516		5	10/16	0955 SW	1		B01
64563047		5	10/16	1030 SW	1	✓	002
28030552		6	10/16	1045 SW	1	✓	003
64560036		5	10/16	1115 SW	1	✓	004
64560037		6	10/16	1100 SW	1	✓	005
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge		Preservation Code: 1 = 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					
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					
Name of Rec'd By: Laine		Received by: R. Kelly					
Date: 10-16-17 12:30							
PWS ID:		Contact Person:					
Supplier of Water:		Phone:					
Site Address:							
FOR DRINKING WATER USE:							