



ENVIRONMENTAL RESEARCH & DESIGN, INC.

Engineering • Science • Chemistry • Research
3419 Trentwood Blvd. • Suite 102 • Belle Isle (Orlando), FL 32812-4864
Telephone: 407-855-9465 • Fax: 407-826-0419

TECHNICAL REPORT FOR THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

CLIENT PROJECT: RQ-2018-07-30-37
ERD JOB #: 18-008
SAMPLE COLLECTION DATE: October 31, 2018
DATE REPORT PREPARED: November 6, 2018
CLIENT SERVICE CONTACT: Chip Harper
(charper@erd.org)

Report To:

DEP-Overflow Micro
Florida Department of Environmental Protection
Biology Section
Twin Towers / Lab Complex A, Rm 216, MS 6515
Tallahassee, FL 32399
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cc: Frances.Moore@dep.state.fl.us; Avril.Wood-McGrath@dep.state.fl.us

Total Number of Pages in Report: 2

Analytical results presented in this report have been reviewed for compliance with the ENVIRONMENTAL RESEARCH & DESIGN, INC. (ERD) Quality Systems Manual and have been determined to meet applicable method guidelines and standards referenced in the 2003/2009 National Environmental laboratory Accreditation Program (NELAP) Quality Manual unless otherwise noted. The Analytical Results within these report pages reflect the values obtained from tests performed on samples as received by the laboratory on the date(s) listed unless indicated differently.

Cassie Revell
Lab Director



SAMPLE SUMMARY

Client: FDEP
Project Name: RQ-2018-07-30-37
ERD Job #: 18-008

Lab Sample I.D.	Date Collected	Time Collected	Sampler	Date Received	Matrix Code*	Type	Client Sample I.D.
18-2921	10/31/18	12:43	ML, MD	10/31/18	AQ	Surface Water	G2CE0169
18-2922	10/31/18	12:12	ML, MD	10/31/18	AQ	Surface Water	G2CE0168
18-2923	10/31/18	11:30	SB, KY	10/31/18	AQ	Surface Water	G2CE0173

*Matrix Code: AQ = Aqueous SED = Sediment

SUMMARY OF ANALYSES

Analyte: E. coli

Method: EPA 1603

Analyst: AF

Lab Sample I.D.	Client Sample I.D.	Result	Qualifier*	PQL	MDL	Units	Date Collected	Date Received	Date Analyzed
18-2921	G2CE0169	183	--	1	1	cfu/100 ml	10/31/18	10/31/18	11/1/18
18-2922	G2CE0168	190	--	1	1	cfu/100 ml	10/31/18	10/31/18	11/1/18
18-2923	G2CE0173	3	--	1	1	cfu/100 ml	10/31/18	10/31/18	11/1/18

*B: < 20 or >80 cfu/100 ml

U = Result is < MDL

INCUBATION TIMES

ERD SAMPLE I.D.	DATE COLLECTED	CLIENT FIELD I.D.	INCUBATION PERIOD 1 (minimum of 2 hours)			INCUBATION PERIOD 2 (minimum of 22 hours)		
			Date Prepared	Time Started	Time Ended	Time Started	Time Ended	Date Analyzed
18-2921	10/31/18	G2CE0169	10/31/18	14:15	16:15	16:15	15:00	11/1/18
18-2922	10/31/18	G2CE0168	10/31/18	14:15	16:15	16:15	15:00	11/1/18
18-2923	10/31/18	G2CE0173	10/31/18	14:15	16:15	16:15	15:00	11/1/18

END OF REPORT



ENVIRONMENTAL RESEARCH & DESIGN, INC. --- CHAIN-OF-CUSTODY RECORD

3419 Trentwood Blvd., Suite 102 – Belle Isle (Orlando), FL 32812-4864 --- Phone: (407) 855-9465 --- Fax: (407) 826-0419

[illegible]

CUSTODY TRANSFERS				Method of Shipment:		Received in Cooler: ☒ Y ☐ N		pH Checked in Laboratory	
RELINQUISHED BY	RECEIVED BY	DATE	TIME	Delivered Directly to Lab: ☐ X	Cooler Temp. verification: <u>6</u> °C	Temp. Blank Provided ☐ Y ☒ N	(< 2 s.u.): ☐ Y ☒ N		
1. Kelly Young	[Signature]	10-31-18	AF 10/31/18 13:49 1306	Shipped By FedEx: _____	Temperature Blank Cooler #1: _____°C	Sulfuric Acid: Lot # _____			
2.				UPS: _____	Temperature Blank Cooler #2: _____°C	Chlorine Check			
				Other: _____	Temperature Blank Cooler #3: _____°C	(< 0.1 mg/l): ☐ Y ☒ N			

COMMENTS:	B39585
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[illegible]

CUSTODY TRANSFERS				Method of Shipment:	Received in Cooler: ☒ Y ☐ N Cooler Temp. verification: <u>6°C</u> Temp. Blank Provided ☐ Y ☒ N	pH Checked in Laboratory (< 2 s.u.): ☐ Y ☒ N pH Lot #: _____
RELINQUISHED BY	RECEIVED BY	DATE	TIME			
1. <i>Dr. P. L. L.</i>	<i>Dr. F. L.</i>	10-31-18	13:20	Delivered Directly to Lab: ☒ X	Temperature Blank Cooler #1: _____ °C Temperature Blank Cooler #2: _____ °C Temperature Blank Cooler #3: _____ °C	Sulfuric Acid: Lot # _____ Chlorine Check (< 0.1 mg/l): ☐ Y ☒ N
2.				Shipped By FedEx: _____ UPS: _____ Other: _____		

COMMENTS:	B39585
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