



ENVIRONMENTAL RESEARCH & DESIGN, INC.

Engineering • Science • Chemistry • Research
3419 Trentwood Blvd. • Suite 102 • Belle Isle (Orlando), FL 32812-4864
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TECHNICAL REPORT FOR THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

CLIENT PROJECT: RQ-2018-07-30-37

ERD JOB #: 18-008

SAMPLE COLLECTION DATE: October 29, 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
(DEP-overflowmicro@dep.state.fl)

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.
18-2882	10/29/18	10:37	TR	10/29/18	AQ	Surface Water	G1CE0063
18-2883	10/29/18	10:25	TR	10/29/18	AQ	Surface Water	G1CE0023

*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
18-2882	G1CE0063	31	--	1	1	cfu/100 ml	10/29/18	10/29/18	10/30/18
18-2883	G1CE0023	32	--	1	1	cfu/100 ml	10/29/18	10/29/18	10/30/18

*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
18-2882	10/29/18	G1CE0063	10/29/18	14:35	16:35	16:35	14:45	10/30/18
18-2883	10/29/18	G1CE0023	10/29/18	14:35	16:35	16:35	14:45	10/30/18

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

Client Name: Florida Department of Environmental Protection						Total Number of Bottles	ANALYSIS CODE										
Address: 3319 Maguire Blvd, Orlando, FL 32803							2-Liter Plastic	60 mL Plastic (filtered, F)	60 mL Plastic (Filtered/ Preserved with H ₂ SO ₄ , FP)	60 mL Plastic (Unfiltered) (Preserved with H ₂ SO ₄ , P)	500 mL Plastic	Glass (Preserved with HCl)	Metals:		Whirlpak	Other	Other
Project Contact: Michael Linger													UF	F			
Project Contact Phone: 407-897-4180																	
Project Name: RQ-2018-10-29-36 Project #: BMAP																	
Containers Accepted By: Andrew																	
Samples Collected By: Terry Riordan																	
Sample I.D.	*Matrix	**IPC	ERD Sample I.D. No.	Date Collected	Time Collected												
GICR0063	S	A	18-2882	10/29/18	1037	1										12a	
GICE0023	S	A	18-2883	10/29/18	1025	1										12a	
DISPOSAL DATE:																	
*MATRIX: SW = Stormwater SP = Seepage S = Surface Water BF = Baseflow GW = Groundwater BP = Bulk Precipitation G = Grab C = Composite																	
**ICE PRESERVATION CODES (IPC): A = Transported in ice, ice present when received B = Transported in ice, ice not present when received C = Not transported in ice																	

CUSTODY TRANSFERS				Method of Shipment:	Received in Cooler: ☒ Y ☐ N Cooler Temp. verification: <u>60°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. Terry Riordan	<i>Ah [Signature]</i>	10/29/18	13:05	Delivered Directly to Lab: ☒ Shipped By FedEx: _____ UPS: _____ Other: _____	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.						

COMMENTS:	B39585
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