



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: September 26, 2018

DATE REPORT PREPARED: October 15, 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.
18-2469	9/26/18	9:23	ML, MD	9/26/18	AQ	Surface Water	G2CE0062
18-2470	9/26/18	9:36	ML, MD	9/26/18	AQ	Surface Water	G2CE0170
18-2471	9/26/18	10:29	ML, MD	9/26/18	AQ	Surface Water	G2CE0099
18-2472	9/26/18	10:44	ML, MD	9/26/18	AQ	Surface Water	G2CE0174
18-2473	9/26/18	11:21	ML, MD	9/26/18	AQ	Surface Water	G2CE0162
18-2474	9/26/18	11:29	ML, MD	9/26/18	AQ	Surface Water	G2CE0071
18-2475	9/26/18	11:52	ML, MD	9/26/18	AQ	Surface Water	G2CE0161
18-2476	9/26/18	12:04	ML, MD	9/26/18	AQ	Surface Water	G2CE0075
18-2477	9/26/18	10:10	AH, SB	9/26/18	AQ	Surface Water	G2CE0086

*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
18-2469	G2CE0062	19	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18
18-2470	G2CE0170	13	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18
18-2471	G2CE0099	17	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18
18-2472	G2CE0174	21	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18
18-2473	G2CE0162	104	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18
18-2474	G2CE0071	106	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18
18-2475	G2CE0161	104	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18
18-2476	G2CE0075	84	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18
18-2477	G2CE0086	73	--	1	1	cfu/100 ml	9/26/18	9/26/18	9/27/18

*B: < 20 cfu/100 ml

U = Result is < MDL

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:		250 mL Plastic (Preserved with HNO ₃)	Whirlpak	Other	Other
Project Contact: Michael Linger													UF	F				
Project Contact Phone: 407-897-4180																		
Project Name: RQ-2018-09-24-50 Project #:																		
Containers Accepted By: Andrew																		
Samples Collected By: Mike Linger / Mike Drennon																		
Sample I.D.	*Matrix	**IPC	ERD Sample I.D. No.	Date Collected	Time Collected													
G2CE0062	S	A	18-2469	9/26/18	923													
G2CE0170		A	18-2470		936												12a	
G2CE0099		A	18-2471		1029													
G2CE0174		A	18-2472		1044													
G2CE0162		A	18-2473		1121													
G2CE0071		A	18-2474		1129													
G2CE0161		A	18-2475		1152													
G2CE0075		A	18-2476		1204													
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		pH Checked in Laboratory (< 2 s.u.): ☐ Y ☒ N	
RELINQUISHED BY	RECEIVED BY	DATE	TIME	Delivered Directly to Lab: ☒ X	Temp. Blank Provided ☐ Y ☒ N	Cooler Temp. verification: <u>5</u>		pH Lot #: _____	
1. Mike Linger	Mike Drennon	9-26-18	13:35	Shipped By FedEx: _____	Temperature Blank Cooler #1: _____ °C	Temperature Blank Cooler #2: _____ °C		Sulfuric Acid: Lot # _____	
2.				UPS: _____	Temperature Blank Cooler #3: _____ °C			Chlorine Check (< 0.1 mg/l): ☐ Y ☒ N	
				Other: _____					

COMMENTS:	B39585