



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 10, 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.
18-2240	9/10/18	11:40	MD	9/10/18	AQ	Surface Water	G2CE0120
18-2241	9/10/18	11:56	MD	9/10/18	AQ	Surface Water	G2CE0074
18-2242	9/10/18	12:45	MD	9/10/18	AQ	Surface Water	G2CE0071
18-2243	9/10/18	13:00	MD	9/10/18	AQ	Surface Water	G2CE0162
18-2244	9/10/18	13:03	MD	9/10/18	AQ	Surface Water	G2CE0162-Dup

*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
18-2240	G2CE0120	229	--	1	1	cfu/100 ml	9/10/18	9/10/18	9/11/18
18-2241	G2CE0074	211	--	1	1	cfu/100 ml	9/10/18	9/10/18	9/11/18
18-2242	G2CE0071	223	--	1	1	cfu/100 ml	9/10/18	9/10/18	9/11/18
18-2243	G2CE0162	197	--	1	1	cfu/100 ml	9/10/18	9/10/18	9/11/18
18-2244	G2CE0162-Dup	190	--	1	1	cfu/100 ml	9/10/18	9/10/18	9/11/18

*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- Project #:																		
Containers Accepted By: Andrew																		
Samples Collected By: Mike Drennan																		
Sample I.D.	*Matrix	**IPC	ERD Sample I.D. No.	Date Collected	Time Collected													
GZCE0120	S	A	18-2240	9/10/18	1140	1											12a	
GZCE0074	S	A	18-2241	9/10/18	1156	1											12a	
GZCE0071	S	A	18-2242	9/10/18	1245	1											12a	
GZCE0162	S	A	18-2243	9/10/18	1300	1											12a	
GZCE0162-DUP	S	A	18-2244	9/10/18	1303	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	pH Checked in Laboratory (< 2 s.u.): ☐ Y ☒ N
RELINQUISHED BY	RECEIVED BY	DATE	TIME	Delivered Directly to Lab: ☒ X	Cooler Temp. verification: <u>4°C</u>	pH Lot #: _____
1. Mike Drennan	ALH	9/10/18	1408	Shipped By FedEx: _____	Temp. Blank Provided ☐ Y ☒ N	Sulfuric Acid: Lot # _____
2.				UPS: _____	Temperature Blank Cooler #1: _____ °C	Chlorine Check (< 0.1 mg/l): ☐ Y ☒ N
				Other: _____	Temperature Blank Cooler #2: _____ °C	
					Temperature Blank Cooler #3: _____ °C	

COMMENTS:	B39585