



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Russ Mill Creek @ Union Rd

WIN/ Field ID: G2TLHR0037

WBID: 199

Latitude: 30.8523

Date: 11/20/2018
(mm/dd/yyyy)

County: Jackson

ORG ID: 21FLTLHR

Longitude: 85.3417
(Decimal Degrees)

Receiving Body of Water: Waddells Mill Creek

RQ-2018- 10-29-72
(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Paul Blair							X	X	X	X
Blake Spencer						X	X	X	X	X

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ Carboy	☒ Syringe								
☐ Dipper	☐ Other								
Depth Measured with <u>VSL (Biology #2)</u>									
Equipment ID									

Collection Method									
☒ Wading	☐ Canoe/Kayak								
☐ From Shore	☐ Electric Motor								
☐ Other	☐ Gasoline Motor								

Water Level: Dry/ Pooled/ Low / Normal <u>High</u> / Flooded										
Meter ID# <u>Biology #2</u> Matrix: <u>Fresh</u> / Marine / DI										
Photos: Yes / <u>No</u> Flow: No Flow / Intestinal / <u>Flowing</u> / NA Tide: Rising/ Falling/ Slack/ <u>NA</u> Tide Times: High <u>NA</u> Low <u>NA</u>										
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1105	0.9	0.3	100B	6.23	62.7	7.21	0.10	206	15.63
CEN										

Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other:									
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:									
Parameter Suite	Parameter Methods					Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP					☒ Ice ☒ H2SO4	5A8274050	10/01/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice			
Chlorophyll	☒ CHLSUITE-W					☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS					☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY					☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC					☐ Formalin			
Periphyton	☐ ALGAE-ID					☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci					☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD					☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA					☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Ice ☐ Other			

Notes:

A-b
Group A

Signature: [Signature]

Field/WIN ID →

Location ↓



G2TLHR0037



RUSS MILL CREEK @ UNION RD

Date: 11/20/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 11/21/18
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: 11-32-18
(Initials/Date)

Scan/Save Field Sheets 12-14-18
(Initials/Date)

Migrate Data to WIN: [Signature]
(Initials/Date)

Verify Data In WIN: [Signature]
(Initials/Date)

(Initials/Date)

Request Number: RA-2018-10-29-72
G2 Run 6

Florida Department of Environmental Protection
Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: TLH-ROC

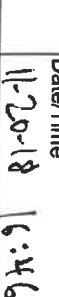
Requester: Michael Eckles

Field Report Prepared By: Blake Spencer

Project ID: SMP

Collected By: Paul Blair & Blake Spencer

Sampling Agency: FDEP

Location	Field/WIN ID →	☐ Comp		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	Location ↓	☒ Grab	Date	Time	Central	Date	(See pg 2)
WIN/STORET		Matrix (type, e.g., Salt, Fresh, etc)		11/05	Dis. Oxygen		
Latitude	30.6575 30.9533	Temp	15.63	pH	7.21	Sample Depth	0.3
Longitude	84.7443 -89.3417	Salinity	0.10	Comments			
Location	Field/WIN ID →	☐ Comp		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	Location ↓	☐ Grab	Date	Time	Central	Date	
WIN/STORET		Matrix (type, e.g., Salt, Fresh, etc)			Dis. Oxygen		
Latitude	TENMILE CREEK @ CR274	Temp		pH		Sample Depth	
Longitude		Salinity		Comments	NOT COLLECTED		
Location	Field/WIN ID →	☐ Comp		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	Location ↓	☐ Grab	Date	Time	Central	Date	
WIN/STORET		Matrix (type, e.g., Salt, Fresh, etc)			Dis. Oxygen		
Latitude		Temp		pH		Sample Depth	
Longitude		Salinity		Comments			
Location	Field/WIN ID →	☐ Comp		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	Location ↓	☐ Grab	Date	Time	Central	Date	
WIN/STORET		Matrix (type, e.g., Salt, Fresh, etc)			Dis. Oxygen		
Latitude		Temp		pH		Sample Depth	
Longitude		Salinity		Comments			
Location	Field/WIN ID →	☐ Comp		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	Location ↓	☐ Grab	Date	Time	Central	Date	
WIN/STORET		Matrix (type, e.g., Salt, Fresh, etc)			Dis. Oxygen		
Latitude		Temp		pH		Sample Depth	
Longitude		Salinity		Comments			
Location	Field/WIN ID →	☐ Comp		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	Location ↓	☐ Grab	Date	Time	Central	Date	
WIN/STORET		Matrix (type, e.g., Salt, Fresh, etc)			Dis. Oxygen		
Latitude		Temp		pH		Sample Depth	
Longitude		Salinity		Comments			
Location	Field/WIN ID →	☐ Comp		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	Location ↓	☐ Grab	Date	Time	Central	Date	
WIN/STORET		Matrix (type, e.g., Salt, Fresh, etc)			Dis. Oxygen		
Latitude		Temp		pH		Sample Depth	
Longitude		Salinity		Comments			

Reinquired By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	11-20-18 16:46				11-20-18 04:50

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this page.

Meter ID: BioLogV#2

RQ: 2018-10-08-17
2018-09-10-63
2018-10-29-72

Project: SMP

- Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or

Calibration/Verification on Site 6/26/18

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 6/26/18

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Blake Spencer	11/20/18	0905	20.42	9.021	9.02	100	71.7	—	P / F	L / F
ICV	Blake Spencer	11/20/18	0907	20.41	9.021	9.02	100	71.7	—	P / F	L / F
CCV	Blake Spencer	11/20/18	1650	20.50	9.003	9.03	100.3	64.5	—	P / F	L / F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Blake Spencer	11/20/18	913	180621C	07/2019	1000	1000	P / F	L / F
ICV	Blake Spencer	11/20/18	0914	180621C	07/2019	1000	1001	P / F	L / F
CCV	Blake Spencer	11/20/18	1654	1905F91	05/2020	100	103	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Blake Spencer	11/20/18	0919	180621E	01/2020	7.0	7.0	-6.5	P / F	L / F
Calibr.	Blake Spencer	11/20/18	0922	180621D	07/2019	4.0	4.0	167.0	P / F	L / F
Calibr.	Blake Spencer	11/20/18	0926	180403D	10/2019	10.0	9.96	-167.4	P / F	L / F
ICV	Blake Spencer	11/20/18	0927	180403D	10/2019	10.0	9.96	-167.4	P / F	L / F
CCV	Blake Spencer	11/20/18	1655	180621D	07/2019	4.0	3.95	167.8	P / F	L / F
CCV									P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air	Blake Spencer	11/20/18	0929	0.00	0.00	P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: