



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Russ Mill Creek @ Union Rd

Date: 04/10/18
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0037

WBID: 199

Latitude: 30.8523

(Decimal Degrees)

County: Jackson

ORG ID: 21FLTLHR

Longitude: 85.3417

(Decimal Degrees)

Receiving Body of Water: Waddells Mill Creek

RQ-2018-04-09-52

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burchett J. Tolbert						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
											☐ Carboy	☒ Syringe			
											☐ Dipper	☐ Other			
											Depth Measured with Exo3				
											Equipment ID 1				
Collection Method															
☒ Wading						☐ Canoe/Kayak									
☐ From Shore						☐ Electric Motor									
☐ Other						☐ Gasoline Motor									
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# Exo3			Matrix: Fresh Marine/ DI						
Photos: Yes ☐ No ☒						Flow: No Flow / Intestinal / <u>Flowing</u> NA			Tide: Rising/ Falling/ Slack/ <u>NA</u>			Tide Times: High Low			
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	1135	0.4	0.2	0.4	7.97	84	7.50	0.11	234	17.60					
CEN				5											
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	SAT27501010/2/18			<2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				<2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice									
Chlorophyll	☒ CHL-SUITE-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					☐ Ice									
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other									
Notes: A-b															
Field/WIN ID →						Location ↓									
						G2TLHR0037									
						RUSS MILL CREEK @ UNION RD									
Signature: [Signature]						Date: 04/10/18									

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 4/13/18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

5034

Relinquished By: SPJ	Date/Time 4/10/18 1505	Shipping Method HD	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time 4-10-18/3605
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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 name

Meter ID: EX03

RQ- 2018 04-09-52

Project: smp 2018

- 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

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 12/17

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.	J. Burchett	4/6/18	402	21.7	8.74	8.74	100	-	1.06	P/F	L/F
ICV	↓	↓	812	21.8	8.78	8.78	100	-	-	P/F	L/F
CCV	↓	↓	1340	18.7		9.34	100	-	-	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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	4/6/18	804	180116B	01/19	1000	1000	P/F	L/F
ICV	↓	↓	814	2710781	09/19	100	95	P/F	L/F
CCV	↓	↓	1342	180116B	01/19	1000	998	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.	J. Burchett	4/10/18	406	171121A	06/19	7.0	7.0	-33.3	P/F	L/F
Calibr.	↓	↓	808	180116D	01/19	4.0	4.0	140.2	P/F	L/F
Calibr.	↓	↓	810	180221E	09/19	10.0	10.0	202.9	P/F	L/F
ICV	↓	↓	816	180221E	09/19	10.0	10.0	-206.0	P/F	L/F
CCV	↓	↓	1345	180116D	01/19	4.0	4.0	139.8	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 10 169.6, slope from 4 to 7 73.5 (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 12/17

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						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: