



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: 5-17-2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0037

WBID: 199

Latitude: 30.8523

(Decimal Degrees)

County: Jackson

ORG ID: 21FTLHR

Longitude: 85.3417

(Decimal Degrees)

Receiving Body of Water: Waddells Mill Creek

RQ-2018- 05-14-31

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
										☒ Sample Container	☐ Van Dorn	☐ Pole		
										☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>Secchi</u>				
										Equipment ID <u>42</u>				
										Collection Method				
										☒ Wading	☐ Canoe/Kayak			
										☐ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# <u>EXO 3</u>					Matrix: Fresh / Marine / DI				
Photos: Yes / No <u>No</u>		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	13:15	0.2	0.1	0.25	7.60	87.7	7.76	0.13	272.4	22.46				
CEN				VOB										
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		<u>547163030</u>	<u>6-12-18</u>	☒ <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

Field/WIN ID →

Location ↓



G2TLHR0037



RUSS MILL CREEK @ UNION RD

Signature: Ch S

Date:

5-17-2018

Enter Field Parameters, Verify Station ID in LIMS DMT: Ch 6-11-18

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets Ch 6-11-18

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

kit A w/ bacteria

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Field Report Prepared By:

Collected By:

Sampling Agency:

Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field		Date 5-17-2018		Time 13:15		Date		Time	
Location ↓		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		Chlorine	
WIN		Temp (C) 22.46		pH 7.76		Sample Depth 0.1		Sp. Conductance (umho/cm) 272.4	
Latitude		Salinity (ppt) 0.13		Comments					
Location		Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		Chlorine	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					
Location		Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		Chlorine	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					
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Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					
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Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					

Relinquished By: <i>L. Green</i>	Date/Time <i>5-17-18 / 15:20</i>	Shipping Method <i>Hand</i>	Number of Coolers Shipped:	Received By: <i>SR</i>	Date/Time <i>5-17-18 3:21</i>
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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: EXO 3

RQ:

Project: SMP 1405

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 4/2017

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.	Jon Woods	5/17/14	8:04	22.4	6.66	8.62	99.3	—	1.06	<u>P</u> /F	<u>L</u> /F
ICV	"	"	8:21	23.4	6.51	8.44	99.2	—	—	<u>P</u> /F	<u>L</u> /F
CCV	Chris Green	"	15:37	20.87	8.94	8.88	99.3	—	—	<u>P</u> /F	<u>L</u> /F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

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

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

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.	Jon Woods	5/17/14	8:10	180403A	4/2019	1000	1000	<u>P</u> /F	<u>L</u> /F
ICV	"	"	8:19	2802633	1/2020	100	99.6	<u>P</u> /F	<u>L</u> /F
CCV	Chris Green	"	15:35	2802833	1/20	100	99.2	<u>P</u> /F	<u>L</u> /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.	Jon Woods	5/17/14	8:12	171121A	6/2019	7.0	7.0	-36.9	<u>P</u> /F	<u>L</u> /F
Calibr.	"	"	8:13	180116D	1/2019	4.0	4.0	139.3	<u>P</u> /F	<u>L</u> /F
Calibr.	"	"	8:15	180221E	9/2019	10.0	10.0	-207.0	<u>P</u> /F	<u>L</u> /F
ICV	"	"	8:17	"	"	10.0	10.0	-206.9	<u>P</u> /F	<u>L</u> /F
CCV	Chris Green	"	15:30	180116D	1/19	4.0	4.0	—	<u>P</u> /F	<u>L</u> /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 10 170.1, slope from 4 to 7 176.2 (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						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: