



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: 10/14/2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0037

WBID: 199

Latitude: 30.8523

County: Jackson

ORG ID: 21FTLHR

Longitude: 85.3417
(Decimal Degrees)

Receiving Body of Water: Waddells Mill Creek

RQ-2018- 10-08-19
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment					
Ben Harden Sue Bartlett					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole			
										☐ Carboy	☐ Syringe				
										☐ Dipper	☐ Other				
										Depth Measured with Equipment ID					
										Collection Method					
										☐ Wading	☐ Canoe/Kayak				
										☒ From Shore	☐ Electric Motor				
										☐ Other	☐ Gasoline Motor				
Water Level: Dry/ Pooled/ ☒ Normal / High / Flooded										Meter ID# 154178		Matrix: ☒ Fresh / Marine / DI			
Photos: Yes / ☒ No										Flow: No Flow / Intestinal / ☒ Flowing / NA		Tides: Rising/ Falling/ Slack/ ☒ NA		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 (umhos/cm)	Temp. (C°)					
EST	1203	0.3	0.15	0.35	7.5	87.6	7.91	0.13	276.8	23.2					
CEN															
Biological Samples Collected: ☒ None 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	SA81020	4/19	☒ <2						
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2						
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice									
Chlorophyll	☒ CHLSUITE-W					☒ Ice									
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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

Field/WIN ID →

Location ↓



G2TLHR0037



RUSS MILL CREEK @ UNION RD

Signature:

Date: 10/14/2018

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

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

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

Meter ID: 154177

RQ:

Project: SMP2018

- 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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 6/18

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Burckett	10/8/18	751	20.7	758.1	8.97	8.96	99.8	-	1.06	P/F	L/F
ICV	↓	↓	801	19.8	758.1	9.13	9.01	98.8	-	-	P/F	L/F
CCV	Ben Harden	↓	1511	22.1	757.2	7.93	8.09	101.6	-	-	P/F	L/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 (Pro DSS 0.75 to 1.50); 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.	J. Burckett	10/8/18	753	180621C	07/19	1000	1000	P/F	L/F
ICV	↓	↓	803	1805F81	5/20	100	101	P/F	L/F
CCV	Ben Harden	↓	1513	180621C	07/19	1000	1003	P/F	L/F
CCV	↓	↓	1519	1805F81	05/20	100	101	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burckett	10/8/18	755	180621C	07/20	7.01	26.0	7.02	-23.3	P/F	L/F
Calibr.	↓	↓	757	180510B	05/19	4.01	26.3	4.00	151.3	P/F	L/F
Calibr.	↓	↓	759	180403D	10/19	10.06	26.1	10.06	-181.1	P/F	L/F
ICV	↓	↓	805	180403D	10/19	10.05	26.5	10.07	-185.0	P/F	L/F
CCV	Ben Harden	↓	1515	180510B	5/19	4.00	21.8	4.03	147.7	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 10 157.8, slope from 4 to 7 174.6 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 7/18

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: ; Date of last 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	J. Burckett	10/8/18	749	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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: Sade Butcher

Field Report Prepared By: Ben Harden

Sampling Agency: 8034

Field/WIN ID → G2TLHR0009	Collection (comp begin or grab) Date 10/8/2018 Time 10:50	Composite end Date	Bottle Group(s) (See pg 2)
Location ↓ BLUE HOLE SPRING @ CAVERN	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 4.02	Total Res. Chlorine (mg/L)
Latitude	Temp (C) 23.5	pH 7.53	Sp. Conductance (umho/cm) 338.4
	Salinity (ppt) 0.16	Comments	
Field/WIN ID → G2TLHR0007	Collection (comp begin or grab) Date 10/8/2018 Time 11:35	Composite end Date	Bottle Group(s)
Location ↓ MARSHALL CREEK @ SR2	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.65	Total Res. Chlorine (mg/L)
Latitude	Temp (C) 23.3	pH 7.7	Sp. Conductance (umho/cm) 215.2
	Salinity (ppt) 0.1	Comments	
Field/WIN ID → G2TLHR0037	Collection (comp begin or grab) Date 10/8/2018 Time 12:05	Composite end Date	Bottle Group(s)
Location ↓ RUSS MILL CREEK @ UNION RD	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 7.5	Total Res. Chlorine (mg/L)
Latitude	Temp (C) 23.2	pH 7.91	Sp. Conductance (umho/cm) 276.9
	Salinity (ppt) 0.13	Comments	
Field/WIN ID → G2TLHR0016	Collection (comp begin or grab) Date 10/8/2018 Time 12:40	Composite end Date	Bottle Group(s)
Location ↓ CHIPOLA RIVER @ MAGNOLIA R	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 8.21	Total Res. Chlorine (mg/L)
Latitude	Temp (C) 23.9	pH 7.98	Sp. Conductance (umho/cm) 282.3
	Salinity (ppt) 0.13	Comments	

Relinquished By: Ben Harden

Date/Time 10/8/2018

Shipping Method Hand Delivered

Number of Coolers Shipped:

Received By: J.B.

Date/Time 10/8/18 3:03

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					4
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					4
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					4
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					4
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					4
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab

SA 8/10/20

Group: C	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab