FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? (Yes) / No

WIN Station Name: Little Creek @ Ezell Rd **Date:** 01/08/2019 (mm/dd/yyyy)

WIN/ Field ID: G3TLHR0003 **WBID:** 80 **Latitude:** 30.953595932 (Decimal Degrees)

County: Jackson **ORG ID:** 21FLTLHR **Longitude:** -85.497193 23 (Decimal Degrees)

Receiving Body of Water: Holmes Creek **RQ-** 2018-12-31-32

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burtlett	✓		✓		
J. Woods		✓		✓	✓

Sampling Equipment

☑ 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/ Low / Normal / (High) / Flooded **Meter ID#** 154177 **Matrix:** (Fresh) / Marine / DI

Photos: (Yes) / No **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** 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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1200	0.7	0.3	0.3	7.71	77.9	6.84	0.06	117	15.4
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 ☐ H_2SO_4			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <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-BR-IC / 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-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Place Preservative Sticker(s) Here (If Available)

Notes: bottle group: B

Place Label Here

Signature: Gale **Date:** 01/08/19

LIMS EVENT ID: TLH-ROC-2019-01-08-02 **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 1/11/19 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** (Initials/Date)

Scan/Save Field Sheets JB 1/11/19 (Initials/Date) **Migrate Data to WIN:** (Initials/Date) **Verify Data In WIN:** (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:** SMP 2019

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 _____

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. Burtchett	V 8/19	810	19.7	762.3	9.15	9.17	100.3	–	0.99	P / F	L / F
ICV	↓	↓	820	18.4	762.4	9.39	9.41	100.2	–	–	P / F	L / F
CCV	↓	↓	1555	21.0	759.9	8.92	8.99	100.9	–	–	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	V 8/19	812	1806216	05/20	1000	1000	P / F	L / F
ICV	↓	↓	822	1805F81	07/19	100	101	P / F	L / F
CCV	↓	↓	1557	1805F81	07/19	100	102	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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. Burtchett	V 8/18	814	~~1806216~~ 1804036	10/19	7.02	18.4	7.03	-43.9	P / F	L / F
Calibr.	↓	↓	816	1806216	07/19	4.00	14.4	4.00	135.0	P / F	L / F
Calibr.	↓	↓	818	1804036	10/19	10.08	18.5	10.08	-195.6	P / F	L / F
ICV	↓	↓	824	1804036	10/19	10.08	19.4	~~10.08~~	-196.8	P / F	L / F
CCV	↓	↓	1559	1806216	07/19	4.00	14.0	10.00 4.00	135.3	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 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 151.7, slope from 4 to 7 178.9 (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: _____
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						P / F	L / F

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

COMMENTS:

Request Number: RQ-2018-12-31-32

Run 5

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: J.Woods, J.Burtchett

Field Report Prepared By: J.Burtchett

Sampling Agency: 8034

Location	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 1/8/19 Time 1200 Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)				
Field ID G3TLHR0003	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 7.71 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A				
WIN/STORET # G3TLHR0003	Temp (C) 15.9	pH 6.84	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 117				
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.06	Comments					
Location	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 1/8/19 Time 1310 Eastern Central	Composite end Date — Time —	Bottle Group(s)				
Field ID G3TLHR0004	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 7.23 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	A				
WIN/STORET # G3TLHR0004	Temp (C) 16.2	pH 6.54	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 65				
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.03	Comments					
Location	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 1/8/19 Time 1330 Eastern Central	Composite end Date — Time —	Bottle Group(s)				
Field ID G3TLHR0005	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 8.62 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	A				
WIN/STORET # G3TLHR0005	Temp (C) 15.1	pH 6.61	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 75				
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.03	Comments					
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)				
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)					
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)				
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, JW	1/8/19 1542	HD	1		1/8/19 1545

Group: A	Bottle Type:	P-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 11	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 11	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						