FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Big Creek @ CR2224 **Date:** 4/4/18 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0057 **WBID:** 913 **Latitude:** 30.3767 (Decimal Degrees)

County: Liberty **ORG ID:** 21FLTLHR **Longitude:** -84.7949 (Decimal Degrees)

Receiving Body of Water: Telogia Creek **RQ-2018-** 02-26-64

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jessie Tolbert	✓		✓		
Jade Burtchett		✓		✓	✓

Sampling Equipment
- ☑ Sample Container ☑ ~~Van Dorn~~ J.T. ☐ Pole
- ☐ Carboy ☑ Syringe
- ☐ Dipper ☐ Other
- Depth Measured with
- Equipment ID Van Dorn # 1

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

Water Level: Dry/ Pooled/ Low / ~~Normal~~ / High / Flooded **Meter ID#** YSI EXO 3 **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~~	14:10	0.5	0.3	0.55	8.02	87.1	5.78	0.01	26	19.4
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	7341020	12/7/18	☑ <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-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ ~~E.Coli~~ ☑ 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 W-EB321	☑ 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			

Place Preservative Sticker(s) Here (If Available)

Notes: A-b/t/m

Field/WIN ID G1TLHR0057

Location BIG CREEK @ CR2224

Signature: **Date:**

Enter Field Parameters, Verify Station ID In LIMS DMT: JTB 4/11/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets JTB 4/11/18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2018-02-26-64
A-b/t/m

last revised Jan 25, 2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC
Project ID: SMP

Requester: Chris Green
Collected By: Jade Butchett, Jessie Tolbert
Field Report Prepared By: Tolbert
Sampling Agency: 8034

Location / Field ID / WIN/STOR	Field/WIN ID: G1TLHR0057; Location: BIG CREEK @ CR2224	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/4/18 Time 14:10 Eastern (circled) / Central	Composite end Date Time	Bottle Group(s) (See pg 2): A
		Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 8.02 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
		Temp (C): 19.4	pH: 5.78	Sample Depth: 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm): 26
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): .01	Comments		

Blank sample block (appears 3 times):

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
Tolbert / Butchett	4/4/18 1532	HD	1	[signature]	4/4/18 1533

Group: A	Bottle Type:	P-1L	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-OC	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	FCOLI-MF						
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 30	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	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: 15	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						

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: Exo3 RQ- 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. Burtchett	4/4/18	805	21.5	8.83	8.83	100	-	1.08	(P) / F	(L) / F
ICV	↓	↓	815	21.3	8.86	8.87	100	-	-	(P) / F	(L) / F
CCV	↓	↓	1537	21.1	8.90	8.91	100	-	-	(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; 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	4/4/18	807	180116B	01/19	1000	1000	(P) F	(L) / F
ICV	↓	↓	818	2710781	09/19	100	95	(P) F	(L) F
CCV	↓	↓	1539	2710781	09/19	100	95	(P) F	(L) / F
CCV			1541	180116B	01/19	1000	996	(P) / F	(L) F

Conductivity Acceptance criteria ± 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. Burtchett	4/4/18	809	171121A	06/19	7.0	7.0	-30.9	(P) F	(L) F
Calibr.	↓	↓	811	K0116D	01/19	4.0	4.0	145.9	(P) / F	(L) / F
Calibr.	↓	↓	813	K0221E	09/19	10.0	10.0	-202.3	(P) / F	(L) / F
ICV	↓	↓	819	K0221E	09/19	10.0	10.0	-202.3	(P) / F	(L) / F
CCV	↓	↓	1543	K0116D	01/19	4.0	4.0	146.0	P / F	L / F
CCV									P / F	L / F

202.3 30.9 71.4

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 10 171.4, slope from 4 to 7 1 (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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

Form effective October 1, 2017