FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Big Creek @ CR2224 **Date:** 6/14/18 (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-** 06-11-38

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
M.A. Eckles Michael A. Eckles	Y		Y		
Paul M. Blair		X			

Sampling Equipment

- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [ ] Syringe
- [ ] Dipper
- [ ] Other

Depth Measured with ______

Equipment ID ______

Collection Method

- [ ] Wading
- [ ] Canoe/Kayak
- [x] From Shore
- [ ] Electric Motor
- [ ] Other 615348Y
- [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal (circled) / High / Flooded

Meter ID# YSI ... PRO DSS 14H...

Matrix: Fresh / Marine / DI

Photos: Yes / No (circled)

Flow: No Flow / Intestitial / Flowing (circled) / NA

Tide: Rising/ Falling/ Slack/ NA (circled)

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	11:15	1.4	0.3	0.5	8.15	93.4	4.26	0.02	42.5	22.1
CEN										

Biological Samples Collected: None (circled) 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-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			

Place Preservative Sticker(s) Here (If Available)

Notes: A-b/t/m

Field/WIN ID → G1TLHR0057

Location ↓ BIG CREEK @ CR 2224

Date: 6/14/18

Signature: [signature]

Enter Field Parameters, Verify Station ID In LIMS DMT: CG 7-24-18 (Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: ______ (Initials/Date)

Scan/Save Field Sheets CG 7-24-18 (Initials/Date)

Migrate Data to WIN: ______ (Initials/Date)

Verify Data In WIN: ______ (Initials/Date)

Request Number: RQ-2018-06-11-38

Bacteria Freshwater Suite ECOLI-18QT (Escherichia coli)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Ekke / Blair

Field Report Prepared By: M. A. Eckler

Sampling Agency: 8034

Sample 1

Field/WIN ID → G1TLHR0057

Location ↓ BIG CREEK @ CR 2224

Field	Value
Comp / Grab	☒ Grab
Collection (comp begin or grab) Date	06/14/18
Time	11:15
Time zone	~~Eastern~~ Central
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	Fresh
Diss. Oxygen	8.15 ☒ mg/L ☐ % sat
Total Res. Chlorine (mg/L)	
Temp (C)	22.1
pH	4.26
Sample Depth	0.3 ☐ ft ☒ m
Sp. Conductance (umho/cm)	42.5
Salinity (ppt)	0.02
Comments	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
Bottle Group(s) (See pg 2)	A

Sample 2

Field/WIN ID → G1TLHR0055

Location ↓ Polk Creek @ End of Merry Robin Rd

Field	Value
Comp / Grab	☒ Grab
Collection (comp begin or grab) Date	6/14/18
Time	11:50
Time zone	~~Eastern~~ Central
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	Fresh
Diss. Oxygen	8.94 ☒ mg/L ☐ % sat
Total Res. Chlorine (mg/L)	
Temp (C)	23.0 (~~37~~)
pH	3.92 (~~3.~~)
Sample Depth	0.2 ☐ ft ☒ m
Sp. Conductance (umho/cm)	66.6
Salinity (ppt)	0.03
Comments	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
Bottle Group(s)	A

Sample 3

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
Comp / Grab	☐ Comp ☐ Grab
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen ☐ mg/L ☐ % sat	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth ☐ ft ☐ m	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Sample 4

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude ☐ dd ☐ dms	
Longitude ☐ dd ☐ dms	
Comp / Grab	☐ Comp ☐ Grab
Collection (comp begin or grab) Date / Time	
Eastern / Central	
Composite end Date / Time	
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen ☐ mg/L ☐ % sat	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth ☐ ft ☐ m	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Eckler	6/14/18 15:37	HD			

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: Pro DSS 154177 **RQ-** _____ **Project:** SMP

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 4-18

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.	Paul Blair	6-14-18	8:22	23.3	8.53	8.51	99.8	/	1.1	P / F	L / F
ICV	"	"	8:23	23.4	8.53	8.50	99.9	/	"	P / F	L / F
CCV	"	"	16:00	22.6	8.64	8.64	100.1	/	"	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.	Paul Blair	6-14-18	8:28	184403A	4-19	1000	997	P / F	L / F
ICV	"	"	8:30	28028B3	1-20	100	102	P / F	L / F
CCV	"	"	16:01	180403A	4-19	1000	1001	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	Meter reading SU 7.0	mV	Pass / Fail	Lab / Field
Calibr.	Paul Blair	6-14-18	8:32	171121A	6-19	7.0	7.0	-18.9	P / F	L / F
Calibr.	"	"	8:33	118116D	1-19	4.0	4.0	130.1	P / F	L / F
Calibr.	"	"	8:35	170221E	9-19	10.0	10.0	-164.5	P / F	L / F
ICV	"	"	8:49	"	9-19	10.0	10.0	-165.9	P / F	L / F
CCV	"	"	16:03	118116D	1-19	4.0	4.1	122.2	P / F	L / F
CCV	"	"	16:05	170630H	1-19	1.0	1.1	279.1	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 _____, slope from 4 to 7 _____ (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	Paul Blair	6-14-18	8:50	0	6	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