FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

N Meridian Rd

Data Qualified? Yes / No

WIN Station Name: Lexington Creek @ ~~Donation Station~~ **Date:** 05/1/2019 (mm/dd/yyyy)

WIN/ Field ID: GITLHR0106 **WBID:** 752 **Latitude:** 30.49999 (Decimal Degrees)

County: Leon **ORG ID:** 21FLTLHR **Longitude:** 84.27202 (Decimal Degrees)

Receiving Body of Water: Lake Jackson **RQ-** 2019-04-29-39

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ben Hayden	✓		✓		
Jade Burtchett		✓			

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#** 15417 **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	0925	0.2	0.1	0.25	8.87	96.9	6.92	0.04	79.1	19.6
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: 3

GITLHR0106

Place Label Here

Signature: **Date:** 05/1/2019

LIMS EVENT ID: TLH-ROC-2019-05-01-02 **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: CC 5-3-19 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** BH 05/03/19 (Initials/Date)

Scan/Save Field Sheets (Initials/Date) **Migrate Data to WIN:** (Initials/Date) **Verify Data In WIN:** (Initials/Date)

Request Number: RQ-2019-04-29-39

Lexington Creek

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: Burtchett, Harden

Field Report Prepared By: Burtchett/Harden

Sampling Agency: 8034

Location: Lexington Creek @ Timberlane Rd	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 05/01/2019 Time 0900	Eastern / Central	Composite end Date — Time —	Bottle Group(s) (See pg 2): A					
Field ID: G1TLHR0086	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 8.53	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —						
WIN/STORET #: G1TLHR0086	Temp (C) 19.8	pH 7.37	Sample Depth 0.15	☐ ft ☑ m	Sp. Conductance (umho/cm) 86.6					
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.04	Comments							
Location: Unnamed Branch @ John Hancock Dr	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 05/01/2019 Time 0960	Eastern / Central	Composite end Date — Time —	Bottle Group(s): A					
Field ID: G1TLHR0105	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 3.13	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —						
WIN/STORET #: G1TLHR0105	Temp (C) 20.4	pH 5.88	Sample Depth 0.05	☐ ft ☑ m	Sp. Conductance (umho/cm) 108.2					
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.05	Comments							
Location: Lexington Creek @ N Meridian Rd ~~Donation Station~~	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 05/01/2019 Time 0925	Eastern / Central	Composite end Date — Time —	Bottle Group(s): A					
Field ID: G1TLHR0106	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 8.87	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —						
WIN/STORET #: ~~G1TLHR0106~~ G1TLHR0106	Temp (C) 19.6	pH 6.92	Sample Depth 0.1	☐ ft ☑ m	Sp. Conductance (umho/cm) 79.1					
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.04	Comments							
Location: Lexington Creek @ Powerline	☑ Comp ☑ Grab	Collection (comp begin or grab) Date 05/01/19 Time 940	Eastern / Central	Composite end Date → Time —	Bottle Group(s): A					
Field ID: GTTLHR0107	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen —	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —						
WIN/STORET #: GTTLHR0107	Temp (C) 26.2	pH 6.79	Sample Depth 0.05	☐ ft ☑ m	Sp. Conductance (umho/cm) 114.2					
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.05	Comments							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, BH	5/1/19 1237	HD	1		5/1/19 1240

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

2019-01-21-09

Meter ID: 154177 RQ- 2019-04-29-39 Project: 2019SMP

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

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 04/19

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.	Ben Harden	05/1/19	0752	20.6	762.1	9.0	9.00	100.3	84 87	0.9879	(P) / F	(P) / F
ICV	"	"	0805	19.5	762.3	9.2	9.24	100.7			(P) / F	(P) / F
CCV	"	"	1248	25.6	762.3	8.2	8.29	101.3			(P) / F	(P) / 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.	Ben Harden	05/1/19	0754	180621C	07/19	1000	1000	(P) / F	(P) / F
ICV	"	"	0755	2805684	07/20	100	100.4	(P) / F	(P) / F
CCV	"	"	1249	180621C	07/19	1000	997	(P) / F	(P) / 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.	Ben Harden	05/1/19	0758	180403C	10/19	7.02	19.8	7.02	-50.4	(P) / F	(P) / F
Calibr.	"	"	0800	180621D	07/19	4.00	19.7	4.00	178.7	(P) / F	(P) / F
Calibr.	"	"	0803	180621F	01/20	10.07	19.4	10.07	-213.8	(P) / F	(P) / F
ICV	"	"	0804	"	"	10.07	19.3	10.08	-214.5	(P) / F	(P) / F
CCV	"	"	1250	180621D	07/19	4.00	20.6	4.13	121.9	(P) / F	(P) / 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 10 163.9, slope from 4 to 7 179.1 (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: 04/19
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	Ben Harden	05/01/19	0750	0.000	0.000	(P) / F	(P) / F

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

COMMENTS: