FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Lexington Creek @ ~~John Hancock Dr~~ Timberlane rd **Date:** 02/28/2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0088 **WBID:** 75X **Latitude:** ~~30.499514~~ 30.50643 (Decimal Degrees)

County: Leon **ORG ID:** 21FLTLHR **Longitude:** ~~84.27823~~ 84.28374 (Decimal Degrees)

Receiving Body of Water: Lake Jackson **RQ-2018-** 02-26-69

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Butchett	✓	✓			
C. Green	✓	✓		✓	✓

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#** 11 & 157 **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	935	0.3	0.15	0.3 (S)	8.81	91	6.33	0.04	88	16.65
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	SA 7163030	6/12/18	☐ <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 ☑ 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
Location

G1TLHR0088

Lexington Creek @ John Hancock Dr

Signature: **Date:** 02/28/18

Enter Field Parameters, Verify Station ID In LIMS DMT: CG 4-17-18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets CG 4-17-18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

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

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

Meter ID: 118157 RQ- Project: TMP 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. Buckley	2/26/18	815	15.9	9.89	9.93	100	-	1.02	(P) / F	(L) / F
ICV	↓	↓	825	16.3	9.41	9.49	100	-	-	(P) / F	(L) / F
CCV	↓	↓	1414	21.3	8.86	8.87	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. Buckley	2/26/18	817	1401168	01/19	1000	1000	(P) / F	(L) F
ICV	↓	↓	827	2710781	09/19	100	96	(P) F	(L) F
CCV	↓	↓	1416	2710781	09/19	100	96	(P) F	L (F)
CCV			1418	1401168	01/19	1000	1000	(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. Buckley	2/26/18	819	171121A	06/19	7.0	7.0	-36.4	(P) / F	(L) F
Calibr.			821	1401160	01/19	4.0	4.0	175.6	(P) F	(L) F
Calibr.	↓	↓	823	171121B	06/19	10.0	10.0	-208.9	(P) F	(L) F
ICV	↓	↓	829	171121B	06/19	10.0	10.0	-209.4	(P) F	(L) F
CCV			1420	1401160	01/19	4.0	4.0	175.9	(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 10 170.5, slope from 4 to 7 176 (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

Request Number: RQ-2018-02-26-64

A-b/t/m

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: J. Burtchett, C. Green

Field Report Prepared By: J. Burtchett

Sampling Agency: SOS4

Location: Lexington Creek @ John Hancock Dr

Field ID / Field/WIN ID: G1TLHR0088

WIN/STORE / Location:

Latitude: ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/28/18 Time 935 | Eastern / Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 8.81 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 16.65 | pH ~~6.4~~ 6.33 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 86

Salinity (ppt) 0.04 | Comments

Location: Lake Overstreet Drain @ N Meridian Rd

Field ID / Field/WIN ID: G1TLHR0069

WIN/STO / Location:

Latitude: ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/28/18 Time 1005 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 6.53 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 16.46 | pH 6.85 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 183

Salinity (ppt) 0.09 | Comments

Location: BEAR CREEK @ SR267

Field ID / Field/WIN ID: G1TLHR0052

WIN/STOR / Location:

Latitude: ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/28/18 Time 1055 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 9.38 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 17.42 | pH 6.00 | Sample Depth 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm) 32

Salinity (ppt) 0.01 | Comments

Location: OCKLAWAHA CREEK @ SR267

Field ID / Field/WIN ID: G1TLHR0053

WIN/S / Location:

Latitude: ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/28/18 Time 1115 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 8.97 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 17.51 | pH 4.48 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 21

Salinity (ppt) 0.01 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, CG	2/28/18: 1550	HD	2	Tyler R	02/28/18 @ 3:55p