



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Lexington Creek @ Timberlane Rd Date: 05/01/2019

WIN/ Field ID: G1TLHR0088 WBID: 758 Latitude: 30.50643

County: Leon ORG ID: 21FLTLHR Longitude: -84.28278

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

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ben Harden									
Tade									
Chris 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# 154177 Matrix: Fresh / Marine / DI

Photos: Yes / No Flow: No Flow / Intestinal / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>0900</u>	<u>0.3</u>	<u>0.15</u>	<u>0.35</u>	<u>8.53</u>	<u>93.5</u>	<u>7.37</u>	<u>0.04</u>	<u>86.6</u>	<u>19.8</u>
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 ☐ H2SO4			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <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-CH-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			

Notes: 1

G1TLHR0088
Place Label Here

Signature: [Signature] Date: 05/01/2019

LIMS EVENT ID: TLH-ROC-05-01-02 WIN Import ID: BH 05/03/19

Enter Field Parameters, Verify Station ID in LIMS DMT: 26 5-3-19 QC Station ID, Field Parameters in LIMS DMT: BH 05/03/19

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

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: Burtchett/Auden

Project ID: SMP

Collected By: Burtchett/AudenSampling Agency: S034

Location <u>Lexington Creek @ Timberlake Rd</u>		Collection (comp begin or grab) Date <u>05/01/2019</u> Time <u>0900</u>		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) <u>A</u>
Field ID <u>G1TLH20086</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>8.53</u>	Total Res. Chlorine (mg/L) _____			
WIN/STORET # <u>G1TLH20086</u>	Temp (C) <u>19.8</u>	pH <u>7.37</u>	Sample Depth <u>0.15</u>	Sp. Conductance (umho/cm) <u>46.6</u>		
Latitude <u>dd dms</u>	Longitude <u>dd dms</u>	Salinity (ppt) <u>0.04</u>	Comments			
Location <u>Unamed Branch @ John Hancock Dr</u>		Collection (comp begin or grab) Date <u>05/01/2019</u> Time <u>0910</u>		Composite end Date _____ Time _____		Bottle Group(s) <u>A</u>
Field ID <u>G1TLH20105</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>3.13</u>	Total Res. Chlorine (mg/L) _____			
WIN/STORET # <u>G1TLH20105</u>	Temp (C) <u>20.4</u>	pH <u>5.88</u>	Sample Depth <u>0.05</u>	Sp. Conductance (umho/cm) <u>106.2</u>		
Latitude <u>dd dms</u>	Longitude <u>dd dms</u>	Salinity (ppt) <u>0.05</u>	Comments			
Location <u>Lexington Creek @ Dorection Station</u>		Collection (comp begin or grab) Date <u>05/01/2019</u> Time <u>0925</u>		Composite end Date _____ Time _____		Bottle Group(s) <u>A</u>
Field ID <u>G1TLH20106</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>8.87</u>	Total Res. Chlorine (mg/L) _____			
WIN/STORET # <u>G1TLH20106</u>	Temp (C) <u>19.6</u>	pH <u>6.92</u>	Sample Depth <u>0.1</u>	Sp. Conductance (umho/cm) <u>79.1</u>		
Latitude <u>dd dms</u>	Longitude <u>dd dms</u>	Salinity (ppt) <u>0.04</u>	Comments			
Location <u>Lexington Creek @ Powderloe</u>		Collection (comp begin or grab) Date <u>05/01/2019</u> Time <u>0940</u>		Composite end Date _____ Time _____		Bottle Group(s) <u>A</u>
Field ID <u>G1TLH20107</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>8.87</u>	Total Res. Chlorine (mg/L) _____			
WIN/STORET # <u>G1TLH20107</u>	Temp (C) <u>20.2</u>	pH <u>6.79</u>	Sample Depth <u>0.05</u>	Sp. Conductance (umho/cm) <u>114.2</u>		
Latitude <u>dd dms</u>	Longitude <u>dd dms</u>	Salinity (ppt) <u>0.05</u>	Comments			

Relinquished By: <u>JB, BH</u>	Date/Time <u>5/1/19:12:37</u>	Shipping Method <u>HD</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>[Signature]</u>	Date/Time <u>5/1/19</u>
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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: 2019-04-29-39

Project: 2019 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.

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	87	0.9879	Ⓟ / F	Ⓟ / F
ICV	"	"	0805	19.5	762.3	9.2	9.24	100.7			Ⓟ / F	Ⓟ / F
CCV	"	"	1248	25.6	762.3	8.2	8.29	101.3			Ⓟ / F	Ⓟ / 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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Harden	05/1/19	0754	180621C	07/19	1000	1000	Ⓟ / F	Ⓟ / F
ICV	"	"	0755	2808884	07/20	100	100.4	Ⓟ / F	Ⓟ / F
CCV	"	"	1249	180621C	07/19	1000	997	Ⓟ / F	Ⓟ / F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

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	Ⓟ / F	Ⓟ / F
Calibr.	"	"	0800	180621D	07/19	4.00	19.7	4.00	128.7	Ⓟ / F	Ⓟ / F
Calibr.	"	"	0803	180621F	01/20	10.07	19.4	10.07	-213.8	Ⓟ / F	Ⓟ / F
ICV	"	"	0804	"	"	10.07	19.3	10.08	-214.5	Ⓟ / F	Ⓟ / F
CCV	"	"	1250	180621D	07/19	4.00	20.6	4.13	121.9	Ⓟ / F	Ⓟ / F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 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	Ⓟ / F	Ⓟ / F

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

COMMENTS: