



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Lexington Creek @ Timberlane Rd

Date: 09/24/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0088

WBID: 758

Latitude: 30.50643

(Decimal Degrees)

County: Leon

ORG ID: 21FLTLHR

Longitude: -84.28378

(Decimal Degrees)

Receiving Body of Water: Lake Jackson

RQ-2018-09-10-64

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Chris Green											☒ Sample Container	☐ Van Dorn	☐ Pole		
Ben Harden											☐ 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/ <u>Low</u> / Normal / High / Flooded						Meter ID# EX03				Matrix: <u>Fresh</u> Marine / DI					
Photos: Yes / <u>No</u> / Flow: No Flow / Intestinal / <u>Flowing</u> / NA						Tide: Rising/ Falling/ Slack/ <u>NA</u>				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	1100	0.1	0.05	0.15	7.02	83.6	6.85	0.04	88.8	24.143					
CEN															
Biological Samples Collected: <u>None</u> 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-SA-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		☐ CHLSUTE-W				☐ Ice									
Physical/Aggregate (Fresh)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-C-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-E8321-DI ☐ ☒ W-E8321-MS				☒ 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									

Notes:

b/t/m

Place Label Here

Signature:

Date: 09/24/2018

Enter Field Parameters, Verify Station ID In LIMS DMT: CB 10-08-18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets CB 10-08-18 (Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

G1 Run 5

Requester: Michael Eckles

Field Report Prepared By:

Sampling Agency:

Location	Lexington Creek @ Timberlane Rd					Bottle Group(s) (See pg 2)	A
Field ID	G1TLHR0088	Comp ☒ Grab	Collection (comp begin or grab) Date 9/24/88	Time 1100	Composite end Date / /	Time / /	
WIN/STORET #	G1TLHR0088	Matrix (type, e.g., Salt, Fresh etc)		Diss. Oxygen 7.02	☒ mg/L ☐ % sat	Total Res. Chlorine	
		Temp (C) 24.143	pH 6.85	Sample Depth 0.05	☐ ft ☒ m	Sp. Conductance (umho/cm) 88.8	

Location	Collection (comp begin or grab)		Composite end	Bottle Group(s)
	Comp ☐ Comp ☐ Grab	Date Time		
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) ☐ m

Latitude	dd ☐	Longitude	dd ☐	Salinity (ppt)	dd ☐	dms ☐	Comments	Bottle Group(s)
Location								
Field ID							Collection (comp begin or grab) Comp Grab Eastern Central Composite end Date Time Time	Diss. Oxygen mg/L Total Res. Chlorine mg/L

[illegible]

WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
			☐ mg/L ☐ % sat		
Latitude	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
				☐ ft ☐ m	
Longitude	Salinity (ppt)	Comments			
☐ dd ☐ dms	☐ dd ☐ dms				

Relinquished By: Ben Harden	Date/Time 9/24/18	Shipping Method Hand delivered	Number of Coolers Shipped:	Received By: 	Date/Time 9/24/18/2:47
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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: EX03

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 9/10

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.	Chris Green	9-24-18	9:15	22.0	759.2	8.74	8.79	99.9			P/F	L/F
ICV	↓	↓	9:33	21.5	—	8.82	8.73	98.9			P/F	L/F
CCV	↓	↓	14:58	28.78		7.70	9	99.7			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 (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.	Chris Green	9-24-18	9:20	180403A	04/19	1000	1000	P/F	L/F
ICV	↓	↓	9:30	2802833	01/20	100	102.0	P/F	L/F
CCV	↓	↓	15:00	11	11	100	101.0	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Chris Green	9-24-18	9:22	2802833	01/20	7.01	22.0	7.18	51.2	P/F	L/F
Calibr.	↓	↓	9:24	180501B	05/19	4.00	22.2	4.11	121.9	P/F	L/F
Calibr.	↓	↓	9:26	180403D	10/19	10.03	22.2	10.03	204.1	P/F	L/F
ICV	↓	↓	9:28	11	11	10.00	22.2	10.00	—	P/F	L/F
CCV			15:03	180501B	05/19	4.00	22.6	4.03	—	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 10 152.9, slope from 4 to 7 173.1 (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:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: #2; 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						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: