



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes / No

WIN Station Name: Lexington Creek @ Timberlane Rd Date: 6/14/18
(mm/dd/yyyy)
WIN/ Field ID: G1TLHR0088 WBID: 758 Latitude: 30.50643
(Decimal Degrees)
County: Leon ORG ID: 21FTLHR Longitude: -84.28378
(Decimal Degrees)
Receiving Body of Water: Lake Jackson RQ-2018- 06-11-38

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
						☒ Sample Container	☐ Van Dorn	☐ Pole
<u>Michael Ecker</u>	☒	☒	☐	☐	☐	☐ Carboy	☐ Syringe	☐ Other
<u>Paul Blair</u>	☐	☒	☐	☐	☐	☐ Dipper	☐ Other	
Depth Measured with <u>Secchi</u>								
Equipment ID								
Collection Method								
☐ Wading ☐ Canoe/Kayak								
☒ From Shore ☐ Electric Motor								
☐ Other <u>153484</u> ☐ Gasoline Motor								

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# <u>P10 DSS 153484</u>		Matrix: <u>Fresh</u> / Marine / DI		
Photos: Yes / No		Flow: No Flow / Intestinal / Flowing / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>9:40</u>	<u>0.2</u>	<u>0.1</u>	<u>0.2</u>	<u>8.18</u>	<u>94.3</u>	<u>6.94</u>	<u>0.03</u>	<u>65.0</u>	<u>22.4</u>
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-S-A-TP					☐ Ice ☐ H ₂ SO 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-CH-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					☐ Ice				
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other				

Notes: <u>A-b/t/m</u>	Field/WIN ID →	
	Location ↓	
Signature: _____	Date: <u>6/14/18</u>	

Enter Field Parameters, Verify Station ID In LIMS DMT: 26 7-24-2018 QC Station ID, Field Parameters In LIMS DMT: _____
(Initials/Date) (Initials/Date)
Scan/Save Field Sheets 26 7-24-18 Migrate Data to WIN: _____ Verify Data In WIN: _____
(Initials/Date) (Initials/Date) (Initials/Date)

Bacteria Freshwater Suite ECOLI-18QT (Escherichia coli)

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Eckles, M.A.

Project ID: SMP

Collected By: Eckles/BlaivSampling Agency: 8034

Lo	Field/WIN ID →		Collection (comp begin or grab)		Composite end	Bottle Group(s)
Fi	Location ↓		Date 6/14/18	Time 9:40	Date	(See pg 2)
W			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L Total Res. Chlorine	
Latitude			Temp (C) 22.4	Sample Depth 0.1	% sat	A
			Salinity (ppt) 0.03	pH 6.94	Sp. Conductance (umho/cm) 65.0	
Loc	Field/WIN ID →		Collection (comp begin or grab)		Composite end	Bottle Group(s)
Fi	Location ↓		Date 6/14/18	Time 9:50	Date	4
W			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L Total Res. Chlorine	
Latitude			Temp (C) 23.8	Sample Depth 0.1	% sat	
			Salinity (ppt) 0.10	pH 7.39	Sp. Conductance (umho/cm) 219	
Location			Collection (comp begin or grab)		Composite end	Bottle Group(s)
Field	Field/WIN ID →		Date 6/14/18	Time 10:35	Date	A
WIN	Location ↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L Total Res. Chlorine	
Latitude			Temp (C) 22.1	Sample Depth 0.2	% sat	
			Salinity (ppt) 0.05	pH 6.38	Sp. Conductance (umho/cm) 32.3	
Loc	Field/WIN ID →		Collection (comp begin or grab)		Composite end	Bottle Group(s)
Field	Location ↓		Date 6/14/18	Time 10:50	Date	A
WIN			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L Total Res. Chlorine	
Latitude			Temp (C) 21.9	Sample Depth 4.22	% sat	
			Salinity (ppt) 0.02	pH 8.14	Sp. Conductance (umho/cm) 36.2	

Number of Coolers Shipped:

Received By:

Shipping Method

Relinquished By:

Date/Time

6/14/18 5:37

AS PD

Date/Time

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 name.

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.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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.	Paul Blair	6-14-18	8:28	18403A	4-19	1000	997	P/F	L/F
ICV	"	"	8:30	2802833	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 $\pm 5\%$

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	120221E	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	"	"	16:23	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 $+180 \pm 50$;

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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: