



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Little Creek @ Treatment Plant Rd

Date: 04/16/2019
(mm/dd/yyyy)

WIN/ Field ID: G3TLHR0002

WBID: 80

Latitude: 30.95227

County: Jackson

ORG ID: 21FTLHR

Longitude: 85.5267

Receiving Body of Water: Holmes Creek

RQ- 2019-04-15-49

Sampling Team Members

Ben Harden
Paul Blair

WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check

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# 159184

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intertidal / 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°)
EST	1050	0.6	0.3	0.65	5.12	52.4	6.63	0.13	272.5	16.4
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	4A 8344070	12/10/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHL SUITE-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-P5NP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

Bill Dustin 850 326-0837

G3TLHR0002

Place Label Here

Signature:

Date: 04/16/2019

LIMS EVENT ID: TLH-Roc-04-16-01

Enter Field Parameters, Verify Station ID In LIMS DMT: 84

WIN Import ID:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Ekles

Field Report Prepared By: Blair/HadenCollected By: Blair/HadenSampling Agency: 8034

Field/WIN ID →

Location →

G3TLHR0003

Latitude

LITTLE CREEK @ EZELL RD

☐ dms

Field/WIN ID →

Location →

G3TLHR0002

Little Creek @ Treatment Plant Rd

Latitude

☐ dd ☐ Longitude
☐ dms

Field/WIN ID →

Location →

G3TLHR0004

Latitude

CAMP BRANCH @ CR173

☐ dms

Field/WIN ID →

Location →

G3TLHR0005

Latitude

CAMP BRANCH @ US90

☐ dd ☐ Longitude
☐ dms

Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	Date	Time
☒	☐	04/16/19	1025	04/16/19	1025
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Fresh		7.24		(mg/L)	
Temp (C)		pH		Sp. Conductance	
15.8		6.92		(umho/cm)	
Salinity (ppt)		Comments		85.7	
☐ dd ☐ dms		0.09			
Bottle Group(s)		B			
Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	Date	Time
☒	☐	04/16/19	1050	04/16/19	1050
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Fresh		5.12		(mg/L)	
Temp (C)		pH		Sp. Conductance	
16.4		6.63		(umho/cm)	
Salinity (ppt)		Comments		77.5	
☐ dd ☐ dms		0.13			
Bottle Group(s)		A			
Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	Date	Time
☒	☐	04/16/19	1135	04/16/19	1135
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Fresh		5.58		(mg/L)	
Temp (C)		pH		Sp. Conductance	
17.0		6.23		(umho/cm)	
Salinity (ppt)		Comments		78.4	
☐ dd ☐ dms		0.04			
Bottle Group(s)		B			
Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	Date	Time
☒	☐	04/16/19	1145	04/16/19	1145
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Fresh		8.45		(mg/L)	
Temp (C)		pH		Sp. Conductance	
16.8		6.43		(umho/cm)	
Salinity (ppt)		Comments		72.4	
☐ dd ☐ dms		0.03			
Bottle Group(s)		A			

Relinquished By: Blair

Date/Time

04/16/2019 1423

Shipping Method

Hand Delivered

Number of Coolers Shipped:

Received By: PHB

Date/Time

04-16-19 14:23

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOLI-18QT						

SA 8344070

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: 153484

RQ: 2019-04-15-49

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	04/16/19	0749	19.9	7623	9.1	9.15	100.4		1.0359	☒ P / ☐ F	☒ L / ☐ F
ICV	"	"	0804	20.1	7623	9.1	9.02	99.4			☐ P / ☐ F	☐ L / ☐ F
CCV	"	"	1435	22.4	761.7	8.7	8.73	100.6			☒ 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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Harden	04/16/19	0752	180621C	07/19	1000	1001	☒ P / ☐ F	☒ L / ☐ F
ICV	"	"	0753	1805F81	05/20	100	101.9	☐ P / ☐ F	☐ L / ☐ F
CCV	"	"	1437	180621C	07/19	1000	999	☒ 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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Ben Harden	04/16/19	0756	180403C	10/19	7.03	18.8	2.03	33.6	☒ P / ☐ F	☒ L / ☐ F
Calibr.	"	"	0758	180621D	07/19	4.00	18.3	4.00	145.4	☐ P / ☐ F	☐ L / ☐ F
Calibr.	"	"	0801	180621F	01/20	10.09	17.7	10.09	197.9	☐ P / ☐ F	☐ L / ☐ F
ICV	"	"	0802	"	"	10.09	17.5	10.09	198.0	☐ P / ☐ F	☐ L / ☐ F
CCV	"	"	1439	180621D	07/19	4.00	19.3	4.14	136.0	☒ 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 $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 164.3, slope from 4 to 7 177.0 (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	04/16/19	0748	0.272	0.272	☒ 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:

