



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2019

WIN Station Name: Camp Branch @ CR173Date: 04/16/2019
(mm/dd/yyyy)WIN/ Field ID: G3TLHR0004WBID: 251Latitude: 30.802County: HolmesORG ID: 21FTLHRLongitude: 85.674Receiving Body of Water: Open CreekRQ: 2019-04-15-49
(Decimal Degrees)

Sampling Team Members

Ben Harden
Paul BlairWQ Measurements
Sample Collection
Documentation
Preservation
Preservation CheckSampling Equipment
☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☐ Syringe
☐ Dipper ☐ OtherDepth Measured with
Equipment IDCollection Method
☒ Wading ☐ Canoe/Kayak
☐ From Shore ☐ Electric Motor
☐ Other ☐ Gasoline MotorWater Level: Dry/ Pooled/ Low / Normal / High / FloodedMeter ID# 15314Matrix: Fresh / Marine / DIPhotos: Yes / NoFlow: 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°)
<u>PS</u> CEN	<u>1135</u>	<u>0.3</u>	<u>0.15</u>	<u>0.35</u>	<u>5.58</u>	<u>57.9</u>	<u>11.84</u> <u>6.23</u>	<u>0.04</u>	<u>78.4</u>	<u>17.0</u>

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 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-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-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:

G3TLHR0004

Place Label Here

Signature: [Signature]Date: 04/16/2019LIMS EVENT ID: TLH-ROC-2019-04-16-01

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: SH04/19/19

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: Blair/HadenField Report Prepared 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
☐ dms

Field/WIN ID →

Location ↓

G3TLHR0004



Latitude

CAMP BRANCH @ CR173

☐ dms

Field/WIN ID →

Location ↓

G3TLHR0005



Latitude

CAMP BRANCH @ US90

☐ dd
☐ 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)		Sample Depth		Sp. Conductance	
15.8		0.3		(umho/cm)	
pH		Comments		85.7	
Salinity (ppt)		0.09		B	
dd		dms			
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)		Sample Depth		Sp. Conductance	
16.4		0.3		(umho/cm)	
pH		Comments		77.5	
Salinity (ppt)		0.13		A	
dd		dms			
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)		Sample Depth		Sp. Conductance	
17.0		0.15		(umho/cm)	
pH		Comments		88.4	
Salinity (ppt)		0.04		B	
dd		dms			
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)		Sample Depth		Sp. Conductance	
16.8		0.3		(umho/cm)	
pH		Comments		72.4	
Salinity (ppt)		0.03		A	
dd		dms			

Relinquished By: Blair

Date/Time

04/16/2019 1423

Shipping Method

Hand Delivered

Number of Coolers Shipped:

Received By: ATB

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
	CHLSUTE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOL-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
	ECOL-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- <u>E</u>	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	<u>D</u> /F	<u>D</u> /F
ICV	"	"	0804	20.1	7623	9.1	9.02	99.4			<u>D</u> /F	<u>D</u> /F
CCV	"	"	1435	22.4	7617	8.7	8.73	100.6			<u>D</u> /F	<u>D</u> /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- <u>E</u>	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Harden	04/16/19	0752	180621C	07/19	1000	1001	<u>D</u> /F	<u>D</u> /F
ICV	"	"	0753	1805F81	05/20	100	101.9	<u>D</u> /F	<u>D</u> /F
CCV	"	"	1437	180621C	07/19	1000	999	<u>D</u> /F	<u>D</u> /F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT- <u>E</u>	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	<u>D</u> /F	<u>D</u> /F
Calibr.	"	"	0758	180621D	07/19	4.00	18.3	4.00	145.4	<u>D</u> /F	<u>D</u> /F
Calibr.	"	"	0801	180621F	01/20	10.09	17.7	10.09	197.9	<u>D</u> /F	<u>D</u> /F
ICV	"	"	0802	"	"	10.09	17.5	10.09	198.0	<u>D</u> /F	<u>D</u> /F
CCV	"	"	1439	180621D	07/19	4.00	19.3	4.14	136.0	<u>D</u> /F	<u>D</u> /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- <u>E</u>	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	<u>D</u> /F	<u>D</u> /F

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

COMMENTS:

