FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / No

WIN Station Name: Camp Branch @ US90 **Date:** 04/16/2019 (mm/dd/yyyy)

WIN/ Field ID: G3TLHR0005 **WBID:** 251 **Latitude:** 30.7828 (Decimal Degrees)

County: Holmes **ORG ID:** 21FLTLHR **Longitude:** 85.6481 (Decimal Degrees)

Receiving Body of Water: Open Creek **RQ-** 2019-04-15-49

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ben Harden	✓		✓		
Paul Blair		✓		✓	✓

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#** 153484 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1145	0.7	0.3	0.3	6.45	87.0	6.43	0.03	72.4	16.8
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 ☑ H_2SO_4	SA 8244070	12/10/19	☑ <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			

Place Preservative Sticker(s) Here (If Available)

Notes:

G3TLHR0005
Place Label Here

Signature: **Date:** 04/16/2019

LIMS EVENT ID: TLH-ROC-04-16-01 **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: BH 04/19/19 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** (Initials/Date)

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

Request Number: RQ-2019-04-15-49

Run 5

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: Blair/Harden

Field Report Prepared By: Blair/Harden

Sampling Agency: 8034

Field/WIN ID → G3TLHR0003

Location → LITTLE CREEK @ EZELL RD

Latitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 04/16/19 Time 1025 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 7.24 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 15.8 | pH: 6.92 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 185.7

Salinity (ppt): 0.09 ☐dd ☐dms | Comments:

Field/WIN ID → G3TLHR0002

Location → Little Creek @ Treatment Plant Rd

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 04/16/19 Time 1050 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 5.12 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 16.4 | pH: 6.63 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 272.5

Salinity (ppt): 0.13 ☐dd ☐dms | Comments:

Field/WIN ID → G3TLHR0004

Location → CAMP BRANCH @ CR173

Latitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 04/16/19 Time 1135 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 5.58 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 17.0 | pH: 6.23 | Sample Depth: 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm): 78.4

Salinity (ppt): 0.04 ☐dd ☐dms | Comments:

Field/WIN ID → G3TLHR0005

Location → CAMP BRANCH @ US90

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 04/16/19 Time 1145 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 8.45 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 16.8 | pH: 6.43 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 72.4

Salinity (ppt): 0.03 ☐dd ☐dms | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Blair	04/16/2019 1423	Hand Delivered		[illegible]	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

SA8344070

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

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	762.3	9.1	9.15	100.4		1.035	(P) / F	(L) / F
ICV	"	"	0804	20.1	762.3	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 µmhos/cm	Meter Reading µmhos/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 ± 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	1804036	10/19	7.03	19.9	7.03	-33.6	(P) / F	(L) / F
Calibr.	"	"	0758	180621D	07/19	4.06	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 ± 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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: