



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Flat Creek @ Duncan Community Rd

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

WIN/ Field ID: G3TLHR0007

WBID: 337

Latitude: 30.73687

County: Washington

ORG ID: 21FTLHR

Longitude: 85.58394
(Decimal Degrees)

Receiving Body of Water: Hard Labor Creek

RQ: 2019-04-15-49
(Decimal Degrees)

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# 153484

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 (umhos/cm)	Temp. (C°)
EST	1210	0.7	0.3	0.2	2.11	22.1	5.47	0.02	44.0	17.3
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	SA834420	12/10/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um 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:

G3TLHR0007

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

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

Requester: Michael Eckles

Field Report Prepared By: Blair/Harden

Project ID: SMP

Collected By: Blair/HardenSampling Agency: 8034

Field/WIN ID →

Location →

Flat Creek @ Duncan Community Rd

Latitude

☐ dd ☐ dms Longitude
☐ dd ☐ dms


Field/WIN ID →

Location →



FLAT CREEK @ GAINER RD

Latitude

☐ dd ☐ dms Longitude
☐ dd ☐ dms

Location

Field ID

WIN/STORET #

Latitude

☐ dd ☐ dms Longitude
☐ dd ☐ dms

Location

Field ID

WIN/STORET #

Latitude

☐ dd ☐ dms Longitude
☐ dd ☐ dms
Relinquished By: Blair

Date/Time

04/16/2019 1423

Shipping Method

Hand Delivered

Number of Coolers Shipped:

Received By: [Signature]

Date/Time

04-16-19 1412

Field/WIN ID		Collection (comp begin or grab)		Time		Composite end		Bottle Group(s)	
Comp	Grab	Date	Time	mg/L	% sat	mg/L	% sat	mg/L	% sat
☒	☐	04/16/2019	1210	2.11		0.3		44.0	
Matrix (type, e.g., Salt, Fresh, etc)		pH		Sample Depth		Sp. Conductance			
Fresh		5.47		0.3		44.0			
Temp (C)		Salinity (ppt)		Comments					
17.3		0.02							
☐ dd ☐ dms		☐ dd ☐ dms							
Field/WIN ID		Collection (comp begin or grab)		Time		Composite end		Bottle Group(s)	
☒	☐	04/16/2019	1230	8.48		0.3		39.2	
Matrix (type, e.g., Salt, Fresh, etc)		pH		Sample Depth		Sp. Conductance			
Fresh		6.10		0.3		39.2			
Temp (C)		Salinity (ppt)		Comments					
17.1		0.02							
☐ dd ☐ dms		☐ dd ☐ dms							
Field ID		Collection (comp begin or grab)		Time		Composite end		Bottle Group(s)	
☐	☐								
Matrix (type, e.g., Salt, Fresh, etc)		pH		Sample Depth		Sp. Conductance			
Temp (C)		Salinity (ppt)		Comments					
☐ dd ☐ dms		☐ dd ☐ dms							
Field ID		Collection (comp begin or grab)		Time		Composite end		Bottle Group(s)	
☐	☐								
Matrix (type, e.g., Salt, Fresh, etc)		pH		Sample Depth		Sp. Conductance			
Temp (C)		Salinity (ppt)		Comments					
☐ dd ☐ dms		☐ dd ☐ dms							

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	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	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	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	1
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						

SA8314072

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	☒ / ☒ F
ICV	"	"	0804	20.1	7623	9.1	9.02	99.4			☒ P / ☒ F	☒ / ☒ F
CCV	"	"	1435	22.4	761.7	8.7	8.73	100.6			☒ P / ☒ F	☒ / ☒ 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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Harden	04/16/19	0752	180621C	07/19	1000	1001	☒ P / ☒ F	☒ / ☒ F
ICV	"	"	0753	1805F81	05/20	100	101.9	☒ P / ☒ F	☒ / ☒ F
CCV	"	"	1437	180621C	07/19	1000	999	☒ P / ☒ F	☒ / ☒ 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	☒ / ☒ F
Calibr.	"	"	0828	180621D	07/19	4.06	18.3	4.00	145.4	☒ P / ☒ F	☒ / ☒ F
Calibr.	"	"	0801	180621F	01/20	10.09	17.7	10.09	-197.9	☒ P / ☒ F	☒ / ☒ F
ICV	"	"	0802	"	"	10.09	17.5	10.09	-198.1	☒ P / ☒ F	☒ / ☒ F
CCV	"	"	1439	180621D	07/19	4.00	19.3	4.14	136.0	☒ P / ☒ F	☒ / ☒ 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	☒ / ☒ F

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

COMMENTS:

