FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Middle Warrior Creek **Date:** 9-26-2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0007 **WBID:** 3556 **Latitude:** 30.00033 (Decimal Degrees)

County: Taylor **ORG ID:** 21FLTLHR **Longitude:** 83.50672 (Decimal Degrees)

Receiving Body of Water: Weaver Warrior Creek **RQ-2018-** 05-14-54

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Chris Green		✓	✓		
Mike Eckles		✓	✓	✓	

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#

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)	10:25	0.5	0.25	0.2	0.75	9.1	6.43	0.05	112.6	25.4
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 ☐ H_2SO_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-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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here (If Available)

Notes:

A-b

Field/WIN ID → G1TLHR0007

Location ↓ MIDDLE WARRIOR CREEK

Signature: [signature] **Date:** 9-26-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: CG 10-8-18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets CG 10-8-18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2018-05-14-54

kit A w/ bacteria

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Chris Green / Mike Eckles

Field Report Prepared By: C. Green

Sampling Agency: 8034

Location / Field ID / WIN/STORET # / Latitude: Field/WIN ID → G1TLHR0007; Location ↓ MIDDLE WARRIOR CREEK ☐ dms; ☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9-26-2018 Time 10:25 — (Eastern) circled / Central	Composite end Date — Time —
	Matrix (type, e.g., Salt, (Fresh) circled, etc)	Diss. Oxygen 0.75 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
	Temp (C) 25.4	pH 6.43	Sample Depth 0.25 ☐ ft ☒ m
	Sp. Conductance (umho/cm) 112.6		
	Salinity (ppt) 0.05	Comments	
Bottle Group(s) (See pg 2): A			

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments	Bottle Group(s)

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments	Bottle Group(s)

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments	Bottle Group(s)

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
C. Green	9-26-18 / 11:39	Hand		Tyler R.	09/26/18 @ 11:46

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: Pro DSS 153484 **RQ-** _____ **Project:** SMP 2018

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 9/18

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.	Chris Green	9-26-18	7:30	21.2	759.0	8.88	8.87	99.9	—	1.03	(P) / F	(L) / F
ICV	↓	↓	7:50	22.7	759.2	8.62	8.59	99.5	—	—	(P) / F	(L) / F
CCV	↓	↓	12:00	27.3	758.9	7.92	7.93	100.0	—	—	(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.	Chris Green	9-26-18	7:38	180403A	04/19	1000	1000	(P) / F	(L) / F
ICV	↓	↓	7:48	2802833	10/20	100	101.2	(P) / F	(L) / F
CCV	↓	↓	12:05	180403A	04/19	1000	1002	(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.	Chris Green	9-26-18	7:40	180621E	01/20	7.02	21.8	7.15	-4.4	(P) / F	(L) / F
Calibr.	↓	↓	7:42	180510B	05/19	4.00	22.0	4.09	166.2	(P) / F	(L) / F
Calibr.	↓	↓	7:44	180403D	10/19	10.04	22.0	10.05	-185.0	(P) / F	(L) / F
ICV	↓	↓	7:46	11	11	10.00	22.0	10.01	—	(P) / F	(L) / F
CCV	↓	↓	12:08	180510B	05/19	4.00	22.2	4.07	—	(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 10 180.6, slope from 4 to 7 170.6 (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: _____
If **NO**, what will be used? (circle one) **Secchi Disk Line / Sonar** Unique ID: 2; 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						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: