



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: **Bailey Mill Creek @ Wilson Rd**

Date: **02/27/2019**
(mm/dd/yyyy)

WIN/ Field ID: **G1TLHR0081**

WBID: **3419A**

Latitude: **30.2749**

County: **JEFFERSON**

ORG ID: **21FLTLHR**

Longitude: **83.96666667**

Receiving Body of Water: **Wacissa River**

RQ: **2018-12-31-30**

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burdett					☒	☒	☒	☒	☒
C. Green					☒	☒	☒	☒	☒

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# **155075**

Matrix: ☒ Fresh / Marine / DI

Photos: ☒ Yes / ☐ No

Flow: No Flow / Intestinal / ☒ 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	1000	1.3	0.3	0.5	5.81	60.7	7.04	0.05	117	17.5
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	A822050	10/1/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <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-CH-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 Coll ☐ 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: **bottle group: C**

Field/WIN ID → **G1TLHR0081**

Location ↓ **Bailey Mill Creek @ Wilson Rd**

Signature: *[Signature]* Date: **2/27/19**

LIMS EVENT ID: **TLH-ROL-2019-02-27-02** WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: **CG 3-12-19** QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets **CG 3-12-19** 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

Requester: Michael Eckles

Field Report Prepared By: J. Butcher

Project ID: SMP

Collected By: J. Butcher

C. Green

Sampling Agency: 8034

Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	→		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	(See pg 2)
WIN/STORE	Location ↓		Temp (C)	pH	% sat		
Latitude	Bailey Mill Creek @ Wilson Rd		Salinity (ppt)	Sample Depth	ft	Sp. Conductance (umho/cm)	
Location			dd dms	Comments	m		
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	
WIN/STORE #			Temp (C)	pH	% sat		
Latitude			Salinity (ppt)	Sample Depth	ft	Sp. Conductance (umho/cm)	
Location			dd dms	Comments	m		
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	
WIN/STORE #			Temp (C)	pH	% sat		
Latitude			Salinity (ppt)	Sample Depth	ft	Sp. Conductance (umho/cm)	
Location			dd dms	Comments	m		
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	
WIN/STORE #			Temp (C)	pH	% sat		
Latitude			Salinity (ppt)	Sample Depth	ft	Sp. Conductance (umho/cm)	
Location			dd dms	Comments	m		
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	
WIN/STORE #			Temp (C)	pH	% sat		
Latitude			Salinity (ppt)	Sample Depth	ft	Sp. Conductance (umho/cm)	
Location			dd dms	Comments	m		

Relinquished By: JB, CG	Date/Time: 2/27/19 1417	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 2-27-19 1417
-------------------------	-------------------------	---------------------	------------------------------	--------------------------	-------------------------

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: 145079

RQ:

Project: SMP 2019

- 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 12/18

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.	J. Burtchett	2/27/19	802	19.7	761.2	9.15	9.16	100.2	-	1.03	P/F	F
ICV	↓	↓	812	19.1	761.2	9.26	9.22	99.6	-	-	P/F	F
CCV	↓	↓	1450	22.1	759.9	8.73	8.73	100.1	-	-	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	2/27/19	804	80621C	07/19	1000	1000	P/F	F
ICV	↓	↓	814	1805F81	05/20	100	99	P/F	F
CCV	↓	↓	1452	1805F81	05/20	100	101	P/F	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.	J. Burtchett	2/27/19	806	180403C	10/19	7.02	19.3	7.03	14.6	P/F	F
Calibr.	↓	↓	808	140621D	07/19	4.00	19.2	4.00	159.7	P/F	F
Calibr.	↓	↓	810	180621F	01/20	10.08	19.3	10.07	143.4	P/F	F
ICV	↓	↓	816	180621F	01/20	10.08	18.9	10.11	186.5	P/F	F
CCV	↓	↓	1454	180621D	07/19	4.01	20.1	4.06	155.8	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 ± 50;

mV pH 10 Range -180 ± 50;

If mV are recorded: slope from 7 to 10 168.8, slope from 4 to 7 174.3 (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: 12/18

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	J. Burtchett	2/27/19	800	0.00	0.00	P/F	F

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

COMMENTS: