



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: 04/18/2019
(mm/dd/yyyy)

WIN ID/ Field ID: G1TLHR0081

WBID: 3419A

Latitude: 30.2749

County: JEFFERSON

ORG ID: 21FLTLHR

(Decimal Degrees)

Longitude: 83.96666667

(Decimal Degrees)

Receiving Body of Water: Wacissa River

RQ - 2019-01-21-12

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Ben Harden Paul Blair									☒ 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/ <u>Normal</u> / High/ Flooded		Meter ID# 153484				Matrix: <u>Fresh</u> Marine / DI					
Photos: Yes <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / NA		Tide: Rising/ Falling/ Slack/ NA		Tide Times: High Low					

Field Sample

(Bracket Sample Time)

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>EST</u>	1410	0.6	0.3	0.1	6.36	716	7.66	0.06	137.2	21.0
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	SA8344030	12/10/19	☒ <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-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-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Time: 1413	Field ID: G1TLHR0081_DUP	
(WIN ID_DUP)				
WIN DMT Activity ID:				
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	SA834407	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		Place Preservative Sticker(s) Here (If Available)
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		
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice		
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice		
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice		
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA	☐ Ice		

Blank

Time Zone: EST CEN		Time: 1417	Field ID: _____	
(Blank Type_DDDMMYYYY)				
DI Source: _____		Location: Bailey Mill Creek @ Wilson Rd		
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____		
WIN DMT Blank Batch ID:				
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		Place Preservative Sticker(s) Here (If Available)
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		
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice		
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other		
Microbiology	☐ E.coli ☐ F. Coliform ☐ Enterococci			
Notes:				
Signature: 		Date: 04/18/2019		

LIMS EVENT ID: _____	WIN Import ID: _____
Enter Field Parameters, Verify Station ID In LIMS DMT: _____	QC Station ID, Field Parameters In LIMS DMT: _____
(Initials/Date)	(Initials/Date)
Scan/Save Field Sheets _____	Migrate Data to WIN: _____
(Initials/Date)	(Initials/Date)
Verify Data In WIN: _____	(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:



Field/WIN ID →

Location ↓

Bailey Mill Creek @ Wilson Rd

Latitude

☐ dd ☐ dms Longitude


Field ID →

Location → Bailey Mill Creek @ Wilson Rd



WIN ID →

Latitude

☐ dd ☐ dms Longitude

Location

Field ID

WIN/STORET #

Latitude

☐ dd ☐ dms Longitude

Location

Field ID

WIN/STORET #

Latitude

☐ dd ☐ dms Longitude

Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc)	Time	mg/L	% sat	Total Res. Chlorine (mg/L)	Time	(See pg 2)	
Fresh	1410	6.36				D	
Temp (C)	pH	Sample Depth		Sp. Conductance (umho/cm)			
21.0	7.66	0.3		137.2			
Salinity (ppt)	Comments						
☐ dd ☐ dms	0.06						
Field ID		Collection (comp begin or grab) <td colspan="2">Composite end <td colspan="2">Bottle Group(s)</td> </td>		Composite end <td colspan="2">Bottle Group(s)</td>		Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc) <td>Time <td>mg/L <td>% sat <td>Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td></td></td></td></td>	Time <td>mg/L <td>% sat <td>Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td></td></td></td>	mg/L <td>% sat <td>Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td></td></td>	% sat <td>Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td></td>	Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td>	Time <td colspan="2">(See pg 2)</td>	(See pg 2)	
Fresh	1413	6.36				D	
Temp (C)	pH	Sample Depth		Sp. Conductance (umho/cm)			
21.0	7.66	0.3		137.2			
Salinity (ppt)	Comments						
☐ dd ☐ dms	0.06						
Field ID		Collection (comp begin or grab) <td colspan="2">Composite end <td colspan="2">Bottle Group(s)</td> </td>		Composite end <td colspan="2">Bottle Group(s)</td>		Bottle Group(s)	
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Temp (C)	pH	Sample Depth		Sp. Conductance (umho/cm)			
Salinity (ppt)	Comments						
☐ dd ☐ dms							
Field ID		Collection (comp begin or grab) <td colspan="2">Composite end <td colspan="2">Bottle Group(s)</td> </td>		Composite end <td colspan="2">Bottle Group(s)</td>		Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc) <td>Time <td>mg/L <td>% sat <td>Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td></td></td></td></td>	Time <td>mg/L <td>% sat <td>Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td></td></td></td>	mg/L <td>% sat <td>Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td></td></td>	% sat <td>Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td></td>	Total Res. Chlorine (mg/L) <td>Time <td colspan="2">(See pg 2)</td> </td>	Time <td colspan="2">(See pg 2)</td>	(See pg 2)	
Temp (C)	pH	Sample Depth		Sp. Conductance (umho/cm)			
Salinity (ppt)	Comments						
☐ dd ☐ dms							

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Blair
4/18/19
190417

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-BR-IC					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ENT-24-QT					
Group: B	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					

Group: B	Bottle Type: W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 5	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: ENT-24-QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: FCOLI-MF	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab 1

Group: D	Bottle Type:	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	W-SO4-IC				
	W-TDS				
	W-TSS				

Group: D	Bottle Type:	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W				

Group: D	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT				

Group: D	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				

SA8349670

Group: D	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				

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: 2019-01-21-11

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	04/18/19	0751	20.1	755.7	9.0	9.02	99.5		1.0307	P/F	D/F
ICV	"	"	0805	19.5	755.7	9.1	9.12	99.3			P/F	D/F
CCV	"	"	1624	22.3	754.2	8.6	8.66	99.6			P/F	D/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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Harden	04/18/19	0754	180621C	07/19	1000	1000	P/F	D/F
ICV	"	"	0755	1805F81	05/20	100	101.0	P/F	D/F
CCV	"	"	1627	180621C	07/19	50000	51286	P/F	D/F
CCV				180621B				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	04/18/19	0757	180603	10/19	7.02	19.7	7.02	-37.2	P/F	D/F
Calibr.	"	"	0806	180621D	07/19	4.00	18.8	4.00	143.1	P/F	D/F
Calibr.	"	"	0802	180621F	07/20	10.02	19.2	10.02	-198.9	P/F	D/F
ICV	"	"	0803	"	"	10.06	20.3	10.06	-199.0	P/F	D/F
CCV	"	"	1628	180621D	07/19	4.00	19.7	4.00	143.2	P/F	D/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 10 161.7, slope from 4 to 7 180.3 (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: 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	04/18/19	0747	0.272	0.272	P/F	D/F

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

COMMENTS:

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100