



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Unnamed Branch 500m north of SW FR13

Date: 4/11/18
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0005

WBID: 1153

Latitude: 30.1442552

County: Liberty

ORG ID: 21FLTLHR

Longitude: 84.9284563

Receiving Body of Water: Carrabelle River

RQ-2018- 01-29-48
(Decimal Degrees)

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Jessie Tolbert Jade Burkett				☒	☒	☒	☒	☒	☒ 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# 751EX03				Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / NA		Tide: Rising/ Falling/ Slack/ <u>NA</u>		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	13:30	0.3	0.15	0.35	6.94	77.1	4.11	0.02	42	20.5		
CEN												
Biological Samples Collected: <u>None</u> 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		7341020	12-1-18	☒ <2		
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <2		
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice						
Chlorophyll		☒ CHL SUITE-W				☒ Ice						
Physical/Aggregate (Fresh)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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				☐ Ice						
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Other						

Notes:
kit: A-b

Secchi visible on bottom

Field/WIN ID

Location



G2TLHR0005

Unnamed Branch 500m North of SW FR13

Signature:

Date:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

Kit A w/ bacteria

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By:

Project ID: SMP

Collected By:

Jesse Tolbert, Wade Butcher

Sampling Agency:

Tolbert
8034

G2TLHR0005

Lo	Field/WIN ID	☐ Comp		Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Fi	Location	☐ Grab		Date	4/4/18	Central	Date	13:30	(See pg 2)
W	Unnamed Branch 500m North of SW FR13	Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen		6.94	
Latitude		Temp (C)	20.5	pH	4.11	Sample Depth	0.15	Sp. Conductance (umho/cm)	412
Longitude		Salinity (ppt)		102		Comments			
Location		☐ Comp		Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID		☐ Grab		Date		Central	Date		
WINSTORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)				Comments			
Location		☐ Comp		Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID		☐ Grab		Date		Central	Date		
WINSTORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)				Comments			
Location		☐ Comp		Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID		☐ Grab		Date		Central	Date		
WINSTORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)				Comments			
Location		☐ Comp		Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID		☐ Grab		Date		Central	Date		
WINSTORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)				Comments			
Location		☐ Comp		Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID		☐ Grab		Date		Central	Date		
WINSTORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)				Comments			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Tolbert/Butcher 4/4/18: 1532 HD 1

4/4/18 1533

Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	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: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this page.

Meter ID:

EX03

RQ:

Project:

SMP 2014

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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 12/17

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	4/4/18	805	21.5	8.83	8.83	100	-	1.08	P/F	L/F
ICV	↓	↓	815	21.3	8.86	8.87	100	-	-	P/F	L/F
CCV	↓	↓	1537	21.1	8.90	8.91	100	-	-	P/F	L/F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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.	J. Burtchett	4/4/18	807	180168	01/19	1000	1000	P/F	L/F
ICV	↓	↓	818	270781	09/19	100	95	P/F	L/F
CCV	↓	↓	1539	270781	09/19	100	95	P/F	L/F
CCV			1541	180168	01/19	1000	996	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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	4/4/18	809	171121A	06/19	7.0	7.0	-30.9	P/F	L/F
Calibr.		↓	811	180160	01/19	4.0	4.0	145.9	P/F	L/F
Calibr.	↓	↓	813	180221E	09/19	10.0	10.0	-202.3	P/F	L/F
ICV	↓	↓	819	180221E	09/19	10.0	10.0	-202.3	P/F	L/F
CCV	↓	↓	1543	180160	01/19	4.0	4.0	146.0	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 $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 171.4, slope from 4 to 7 1 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification 12/17

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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

