



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: 4/30/2016
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0005

WBID: 1153

Latitude: 30.1442552

(Decimal Degrees)

County: Liberty

ORG ID: 21FLTLHR

Longitude: 84.9284563

(Decimal Degrees)

Receiving Body of Water: Carrabelle River

RQ-2018-04-09-52

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
<u>Jon Woods</u> <u>Sade Butcher</u>					☒	☒	☒	☒	☒	☒ 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/ <u>Low</u> / Normal / High / Flooded					Meter ID# <u>Exo 3</u>					Matrix: <u>Fresh</u> Marine / DI									
Photos: Yes/ No					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	1153	0.2	0.1	0.2	7.60	82.1	4.12	0.02	40.3	19.19									
CEN				5															
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		7275010		10/2/16		☒ <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-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												

Notes:
kit: A-b

Field/WIN ID →



Location ↓

G2TLHR0005

Unnamed Branch 500m North of FR13

Signature: [Signature]

Date: 4/30/16

Enter Field Parameters, Verify Station ID In LIMS DMT: JA 5/4/18
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: _____
(Initials/Date)

Scan/Save Field Sheets JA 5/4/18
(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: Chris Green

Field Report Prepared By: J. Woods

Project ID: SMP

Collected By:

J. Burkett, J. Woods

Sampling Agency: SCB34

Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		G2TLHR0004		Date 4/30/18 Time 1110		Date		(See pg 2)	
Location		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
WIN/STC		Fresh		6.79		%		%	
Latitude		Temp (C)		pH		Sp. Conductance (umho/cm)		A	
		17.45		3.90		0.25		507	
		Salinity (ppt)		Comments					
		0.02							
Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		G2TLHR0005		Date 4/30/18 Time 1155		Date		A	
Location		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
WIN/STC		Fresh		7.60		%		%	
Latitude		Temp (C)		pH		Sp. Conductance (umho/cm)		A	
		19.19		4.12		0.1		40.3	
		Salinity (ppt)		Comments					
		0.02							
Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		G2TLHR00038		Date 4/30/18 Time 1330		Date		A	
Location		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
WIN/STC		Fresh		5.09		%		%	
Latitude		Temp (C)		pH		Sp. Conductance (umho/cm)		A	
		24.91		6.39		0.3		193	
		Salinity (ppt)		Comments					
		0.09							
Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		G2TLHR00038		Date 4/30/18 Time 1330		Date		A	
Location		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
WIN/STC		Fresh		5.09		%		%	
Latitude		Temp (C)		pH		Sp. Conductance (umho/cm)		A	
		24.91		6.39		0.3		193	
		Salinity (ppt)		Comments					
		0.09							
Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		G2TLHR00038		Date 4/30/18 Time 1330		Date		A	
Location		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
WIN/STC		Fresh		5.09		%		%	
Latitude		Temp (C)		pH		Sp. Conductance (umho/cm)		A	
		24.91		6.39		0.3		193	
		Salinity (ppt)		Comments					
		0.09							

Relinquished By: SW	Date/Time: 4/30/18 1511	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: J. J.	Date/Time: 4/30/18 3:12
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Group: A	Bottle Type: P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY				3
	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
	CHLSUITE-W				3
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT				3
Group: A	Bottle Type: P-500ML	# of Bottles: 25	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab
	W-NH3				3
	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
	W-PO4-F				3

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: E~~x~~03 RQ: Project: 5 mp 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.

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

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 4/17

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. Burdett	4/30/18	754	21.0	8.92	8.91	100	-	1.06	☒ P / ☒ F	☒ B / ☒ F
ICV	↓	↓	804	19.8	9.13	9.11	100	-	-	☒ P / ☒ F	☒ B / ☒ F
CCV	↓	↓	1518	23.4	8.51	8.52	100	-	-	☒ P / ☒ F	☒ B / ☒ 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; 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.	J. Burdett	4/30/18	756	140116B	01/19	1000	1000	☒ P / ☒ F	☒ B / ☒ F
ICV	↓	↓	806	2710781	09/19	100	96	☒ P / ☒ F	☒ B / ☒ F
CCV	↓	↓	1520	2710781	09/19	100	95	☒ P / ☒ F	☒ B / ☒ 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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burdett	4/30/18	754	171121A	06/19	7.0	7.0	-33.3	☒ P / ☒ F	☒ B / ☒ F
Calibr.	↓	↓	800	180116D	01/19	4.0	4.0	139.8	☒ P / ☒ F	☒ B / ☒ F
Calibr.	↓	↓	802	180221E	09/19	10.0	10.0	-263.7	☒ P / ☒ F	☒ B / ☒ F
ICV	↓	↓	408	180221E	09/19	10.0	10.0	-263.4	☒ P / ☒ F	☒ B / ☒ F
CCV			1522	180116D	01/19	4.0	4.0	139.6	☒ P / ☒ F	☒ B / ☒ 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 10 170.9, slope from 4 to 7 173.1 (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 4/17

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: