



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Econfina River @ No Name Rd - Cabbage Grove Salt Rd Date: 2-13-18
WIN/ Field ID: G1TLHR0089 WBID: 3402 Latitude: 30.232717 30.1711
County: Taylor ORG ID: 21FLTLHR Longitude: 83.745344 83.8235
Receiving Body of Water: Gulf of Mexico RQ-2018- 02-12-48

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 <u>YSI</u>		
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# <u>12 YSI 600 XLM</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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>12:20</u>	<u>0.6</u>	<u>0.3</u>	<u>0.3</u>	<u>6.44</u>	<u>68.4</u>	<u>7.13</u>	<u>0.13</u>	<u>277</u>	<u>18.24</u>
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	<u>SA 7163030</u>	<u>6-12-18</u>	☒ <2	
Metals	☒ W-ICPMS ☐ W-ICP				☒ Ice ☐ HNO3	<u>NA 7261120</u>	<u>9-18-18</u>	☒ <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-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 Coll ☐ F Coll ☐ 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:		Place Label Here	
Signature: <u>Ch S</u>		Date: <u>2-13-18</u>	

Enter Field Parameters, Verify Station ID in LIMS DMT: CG 2-19-18 QC Station ID, Field Parameters in LIMS DMT: CG 4-4-18
Scan/Save Field Sheets CG 4-4-18 Migrate Data to WIN: CG 4-4-18 Verify Data in WIN: CG 4-4-18

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Field Report Prepared By: C. Green

Collected By: Chris Green / Mike Eckels

Sampling Agency: 21FLTLHR/8034

Location		Econfin River @ Cabbage Grove S&H		Collection (comp begin or grab)		Time 12:20		Eastern Central		Composite end Date		Time		Bottle Group(s) (See pg 2)		
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.44		Total Res. Chlorine		☒ mg/L ☐ % sat		Sp. Conductance (umho/cm)		277		A		
WIN/STORET #																
Latitude	dd dms		Longitude		dd dms		pH 7.13		Sample Depth 0.3		ft m					
Locator																
Field/WIN ID																
Location																
Field ID																
WIN/STORET #																
Latitude	dd dms		Longitude		dd dms		pH 7.26		Sample Depth 0.15		ft m				A	
Location																
Field ID																
WIN/STORET #																
Latitude	dd dms		Longitude		dd dms		pH		Sample Depth		ft m					
Location																
Field ID																
WIN/STORET #																
Latitude	dd dms		Longitude		dd dms		pH		Sample Depth		ft m					
Location																
Field ID																
WIN/STORET #																
Latitude	dd dms		Longitude		dd dms		pH		Sample Depth		ft m					
Location																

Relinquished By: C. Green	Date/Time: 2-13-18	Shipping Method: Hand	Number of Coolers Shipped:	Received By: [Signature]	Date/Time: 2/13/18
---------------------------	--------------------	-----------------------	----------------------------	--------------------------	--------------------

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: USE 600 X/A #12

RQ:

Project: 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.

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

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 1/17

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.	Michael Eckles	2/13/18	8:40	19.7	9.147	9.26	101.2	52.3	0.748	P/F	L/F
ICV	Michael Eckles	2/13/18	8:45	19.7	9.147	9.19	100.4	52.2	—	P/F	L/F
CCV	Chris Green	11	16:00	20.35	9.03	9.04	100.1	—	—	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Michael Eckles	2/13/18	8:58	180116B	4/19	1000	1000	P/F	L/F
ICV	Michael Eckles	2/13/18	8:57	2710781	9/19	100	96	P/F	L/F
CCV	Chris Green	11	16:05	170630A	7/18	100,000	—	P/F	L/F
CCV				170630L	7/18	50,000	48,719	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.	Michael Eckles	2/13/18	8:55	171121A	4/19	7.0	7.0	-29.1	P/F	L/F
Calibr.	Michael Eckles	2/13/18	8:50	180116D	4/19	4.0	4.0	143.1	P/F	L/F
Calibr.	Michael Eckles	2/13/18	9:05	171121B	4/19	10.0	10.0	-99.7	P/F	L/F
ICV	Michael Eckles	2/13/18	9:08	171121B	4/19	10.0	10.0	-98.8	P/F	L/F
CCV	Chris Green	11	16:10	180116D	1/19	4.0	4.0	—	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 10 172.5, slope from 4 to 7 172.2 (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

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: