



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Econfina River @ US19/27

Date: 9/27/2016
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0089

WBID: 3402

Latitude: 30.2516

County: Jefferson

ORG ID: 21FTLHR

Longitude: 83.7006

Receiving Body of Water: Gulf of Mexico

RQ-2018-07.09-59
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jon Woods					X	X			
Side Butchett						X	X	X	

Sampling Equipment									
☐ Sample Container	☒ Van Dorn	☐ Pole							
☐ Carboy	☒ Syringe								
☐ Dipper	☐ Other								
Depth Measured with: YSI									
Equipment ID: 154177									

Collection Method									
☐ Wading	☐ Canoe/Kayak								
☐ From Shore	☐ Electric Motor								
☒ Other Bridge	☐ Gasoline Motor								

Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded					Meter ID# 154177					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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)	
EST	9:25	1.0	0.3	0.1	3.35	40.4	4.04	0.03	60	24.9	
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	8101020		☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	8099110		☒ <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			

Place Preservative Sticker(s) Here
(If Available)

Notes:

Kit: C
Group: E

Field/WIN ID →

Location ↓



G1TLHR0089



ECONFINA RIVER @ US19/27

Signature: *[Signature]*

Date: 9/27/16

Enter Field Parameters, Verify Station ID In LIMS DMT: *[Signature]* 9/28/16
(Initials/Date)

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

Scan/Save Field Sheets _____
(Initial/Date)

Migrate Data to WIN: _____
(Initial/Date)

Verify Data In WIN: _____
(Initial/Date)

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: 154177

RQ-

Project: Smp2018

- 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 6/18

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	9/27/18	804	26.4	757.6	9.02	9.00	99.7	-	1.00	P/F	C/F
ICV	↓	↓	814	19.3	757.6	9.22	9.14	99.2	-	-	P/F	C/F
CCV	↓	↓	1412	26.9	756.9	7.93	7.99	100.2	-	-	P/F	C/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	9/27/18	806	80403A	09/19	1000	1000	P/F	C/F
ICV	↓	↓	816	2502833	01/20	100	102	P/F	C/F
CCV	↓	↓	1414	2502833	01/20	100	103	P/F	C/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	9/27/18	808	1506216	09/20	7.01	19.8	7.02	-26.6	P/F	C/F
Calibr.	↓	↓	810	1502216	06/19	4.01	20.1	4.00	149.9	P/F	C/F
Calibr.	↓	↓	812	1505108	09/19	10.08	19.2	10.08	-183.4	P/F	C/F
ICV	↓	↓	818	1505108	09/19	10.05	20.9	10.03	-185.8	P/F	C/F
CCV	↓	↓	1416	1502216	09/17	4.01	21.6	3.97	149.6	P/F	C/F
CCV									149.6	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 1, slope from 4 to 7 1 (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: 7/18

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	9/27/18	820	0.00	0.00	P/F	C/F

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

COMMENTS:

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Woods

Project ID: SMP

Collected By: Woods/Burtecht

Sampling Agency: 8034

Location	Field/WIN ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Diss. Oxygen	Total Res. Chlorine
WIN/STOI		Temp (C)	pH	Sample Depth	Sp. Conductance
Latitude		Salinity (ppt)	Comments		
Econfina River @ US19/27					
Location	Field/WIN ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Diss. Oxygen	Total Res. Chlorine
WIN/STOR		Temp (C)	pH	Sample Depth	Sp. Conductance
Latitude		Salinity (ppt)	Comments		
Econfina River @ Fulford Bridge Rd					
Location	Field/WIN ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Diss. Oxygen	Total Res. Chlorine
WIN/STC		Temp (C)	pH	Sample Depth	Sp. Conductance
Latitude		Salinity (ppt)	Comments		
Econfina River @ Cabbage Grove Salt Rd					
Location	Field/WIN ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Diss. Oxygen	Total Res. Chlorine
WIN/STO		Temp (C)	pH	Sample Depth	Sp. Conductance
Latitude		Salinity (ppt)	Comments		
Econfina River 100m upstream of US98					

Relinquished By: SW	Date/Time: 9/27/18	Shipping Method: HD	Number of Coolers Shipped: 1402	Received By: [Signature]	Date/Time: 9/27/18
---------------------	--------------------	---------------------	---------------------------------	--------------------------	--------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

8099110 4/9/19

H2SO4
LOT# S00101020
EXP: 04/11/2019