



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Econfina River @ US19/27

Date: 4/2/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0089

WBID: 3402

Latitude: 30.2516

(Decimal Degrees)

County: Jefferson

ORG ID: 21FLTLHR

Longitude: 83.7006

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018- 12-04-50

Sampling Team Members

Jasie Tolbert
Jake Butcher

Sampling Equipment

- ☐ Sample Container ☒ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☐ Dipper ☐ Other

Depth Measured with
Equipment ID

Collection Method

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# VS1EX03

Matrix: Fresh / Marine / DI

Photos: Yes / No Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

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	10:20	1.1	0.3	0.4	6.13	64.3	4.50	0.2	51.5	17.6
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	SA 7341020	12/7/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA 7341020	12/7/18	☒ <2
Filtered Nutrients	☒ W-P04-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-S04-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:

C

Field/WIN ID →

Location ↓



G1TLHR0089



ECONFINA RIVER @ US19/27

Signature:

Date: 4/2/2018

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:

Sampling Agency:

Relinquished By: Tolbert/Burthe	Date/Time 4/2/2018	Shipping Method HD	Number of Coolers Shipped: 1	Received By: 	Date/Time 4/2/18	1413
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Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 10	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 10	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 10	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	W-AHERB-AA						
	W-GLYPH						
	W-PYR-AA-R						
	W-SUC-AA-R						
	W-UHERB-AA						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 22	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	W-CT-Cl-R						
	W-PCL-SQ-R						
Group: B	Bottle Type:	BG-1L	# of Bottles: 22	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	W-PSNP-TQ						

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: Evo 3

RQ-

Project: SMP 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 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	4/2/14	700	21.0	8.91	8.91	100	-	1.05	P/F	L/F
ICV	↓	↓	710	19.1	9.26	9.25	100	-	-	P/F	L/F
CCV	↓	↓	1413	25.1	8.25	8.24	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	4/2/18	702	18016B	04/19	1000	1000	P/F	L/F
ICV	↓	↓	712	2710781	09/19	100	95	P/F	L/F
CCV	↓	↓	1415	2710781	09/19	100	95	P/F	L/F
CCV			1419	18016B	04/19	1000	997	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	4/2/18	704	171121A	06/19	7.0	7.0	-34.1	P/F	L/F
Calibr.	↓	↓	706	180116D	04/19	4.0	4.0	139.5	P/F	L/F
Calibr.	↓	↓	708	180221E	09/19	10.0	10.0	-204.3	P/F	L/F
ICV	↓	↓	714	180221E	09/19	10.0	10.0	-206.3	P/F	L/F
CCV	↓	↓	1417	180116D	04/19	4.0	4.0	135.7	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 1, 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:

