



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Econfina River @ Power Line Rd

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

WIN/ Field ID: G1TLHR0090

WBID: 3402

Latitude: 30.132434

(Decimal Degrees)

County: Jefferson

ORG ID: 21FLTLHR

Longitude: 83.875369

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018- 12-04-50

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jessie Tabert Jade Barlett										

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	☐ Gasoline Motor								

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded				Meter ID# <u>YS603</u>		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 (umhos/cm)	Temp. (C°)
EST	12:05	0.21	0.20	0.45	5.33	57.8	7.16	13	275	19.3
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	12/7/18	X <2	
Metals	☒ W-ICPMS ☒ W-ICP				☐ Ice ☐ HNO3	7341018	12/7/18	X <2	
Filtered Nutrients	☐ W-PD4-F ☐ Field Filtered 0.45 um 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 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				☐ Ice				
					☐ Other				

Notes:

C

Field/WIN ID →

Location ↓



G1TLHR0090



ECONFINARIVER@POWERLINERD

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:

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Requester: Chris Green

Project ID: SMP

Field Report Prepared By: Tolbert

Collected By: Jessie Tolbert, Jake Rutledge

Sampling Agency: 834

Location	Field/WIN ID →	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field ID	Location ↓	Date 4/12/2018 Time 10:20	Date	(See pg 2)
STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.13	Total Res. Chlorine (mg/L)
Latitude	Longitude	Temp (C) 17.6	Sample Depth 0.3	Sp. Conductance (umho/cm) 51.5
		Salinity (ppt) 0.02		
Location	Field/WIN ID →	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field ID	Location ↓	Date 4/12/2018 Time 11:05	Date	(See pg 2)
STORE		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.54	Total Res. Chlorine (mg/L)
Latitude	Longitude	Temp (C) 18.4	Sample Depth 0.3	Sp. Conductance (umho/cm) 86.2
		Salinity (ppt) 0.04		
Location	Field/WIN ID →	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field ID	Location ↓	Date 4/12/18 Time 12:05	Date	(See pg 2)
STORE		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.33	Total Res. Chlorine (mg/L)
Latitude	Longitude	Temp (C) 19.3	Sample Depth 0.2	Sp. Conductance (umho/cm) 275
		Salinity (ppt) 0.13		
Location	Field/WIN ID →	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field ID	Location ↓	Date 4/12/2018 Time 14:10	Date	(See pg 2)
STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)
Latitude	Longitude	Temp (C)	Sample Depth	Sp. Conductance (umho/cm)
		Salinity (ppt)		

Relinquished By: Tolbert/Burke

Shipping Method: HD

Number of Coolers Shipped: 1

Received By: [Signature]

Date/Time: 4/12/18

1413

Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>3</u>
	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 <u>3</u>
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 10	Preservative:	HNO3	Enter Number of Bottles Sent to Lab <u>3</u>
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 10	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab <u>3</u>
	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 <u>3</u>
	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	18016 B	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	18016 B	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:

