



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Econfina River @ Cabbage Grove Salt Rd

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

WIN/ Field ID: G1TLHR0092

WBID: 3402

Latitude: 30.1711

(Decimal Degrees)

County: Jefferson

ORG ID: 21FLTLHR

Longitude: 83.8235

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018-07-09-59

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment						
Don Woods Sadee Bistchoff						x	x	x	x	x	☐ Sample Container	☒ Van Dorn	☐ Pole				
											☐ Carboy	☒ Syringe					
											☐ Dipper	☐ Other					
Depth Measured with						Y51						Equipment ID			154177		
Collection Method																	
☐ Wading						☐ Canoe/Kayak											
☐ From Shore						☐ Electric Motor											
☐ Other						☐ Gasoline Motor											
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID#					Matrix: Fresh / 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 (umhos/cm)	Temp. (C°)							
EST	1720	1.1	0.3	0.2	4.14	49.9	6.95	0.10	203	24.8							
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 um 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:

C

Field/WIN ID →



G1TLHR0092

Location ↓

Econfina River @ Cabbage Grove Salt Rd

Signature:

Date: 9/27/16

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 9/28/16

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

(Initials/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: 154172

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	150626	09/20	7.01	19.8	7.02	-26.6	P/F	C/F
Calibr.	↓	↓	810	150226	06/19	4.01	20.1	4.00	149.9	P/F	C/F
Calibr.	↓	↓	812	150510B	09/19	10.08	19.2	10.08	-183.4	P/F	C/F
ICV	↓	↓	818	150510B	09/19	10.05	20.9	10.03	-185.8	P/F	C/F
CCV	↓	↓	1416	150226	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:

kit C (WBID 3402) Econfina River Run_2 Blank & Dup

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Woods

Project ID: SMP

Collected By: Woods/Burkett

Sampling Agency: 8034

Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	(See pg 2)
WIN/STO	↓		Temp (C)	pH	ft	Sp. Conductance	
Latitude	↓		Salinity (ppt)	Comments	ft	Sp. Conductance	
Econfina River @ US19/27							
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	
WIN/STO	↓		Temp (C)	pH	ft	Sp. Conductance	
Latitude	↓		Salinity (ppt)	Comments	ft	Sp. Conductance	
Econfina River @ Fulford Bridge Rd							
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	
WIN/STO	↓		Temp (C)	pH	ft	Sp. Conductance	
Latitude	↓		Salinity (ppt)	Comments	ft	Sp. Conductance	
Econfina River @ Cabbage Grove Salt Rd							
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	
WIN/STO	↓		Temp (C)	pH	ft	Sp. Conductance	
Latitude	↓		Salinity (ppt)	Comments	ft	Sp. Conductance	
Econfina River 100m upstream of US98							
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	
WIN/STO	↓		Temp (C)	pH	ft	Sp. Conductance	
Latitude	↓		Salinity (ppt)	Comments	ft	Sp. Conductance	

Relinquished By: JW	Date/Time: 9/27/18	Shipping Method: HD 1402	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 9/27/18
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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# S08101020
EXP: 04/11/2019