



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Econfinia River @ Cabbage Grove Salt Rd

Date: 10-18-18
(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- 09-10-63

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Chris Green Son Woods				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
									☐ Carboy	☒ Syringe			
									☐ Dipper	☐ Other			
Depth Measured with Secchi								Equipment ID 2					
									Collection Method				
				☒	☐	☐	☐	☐	☒ Wading	☐ Canoe/Kayak			
									☐ From Shore	☐ Electric Motor			
									☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded				Meter ID# 154177 Pro DSS				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 (PPT)	Sp COND (umhos/cm)	Temp. (C°)			
EST	11:35	1.2	0.3	0.3	4.49	52.3	7.11	0.12	251.5	23.1			
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 8101020	4/11/19	☒ <2					
Metals	☐ W-ICPMS ☐ W-ICP				☒ Ice ☐ HNO3	HA 8197080	7-16-19	☒ <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:

Kit: C
Group: E

Field/WIN ID →



G1TLHR0092

Location ↓

Econfinia River @ Cabbage Grove Salt Rd

Signature:

Ch 3

Date:

10-18-18

Enter Field Parameters, Verify Station ID In LIMS DMT: Ch 10-30-18

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets Ch 10-30-18

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(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: 154177

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 9/18

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.	Don Woods	10/18/18	806	20.2	762.6	9.12	9.06	100.4	—	0.995	P/F	L/F
ICV	"	"	825	22.5	762.9	8.72	8.66	100.2	—	—	P/F	L/F
CCV	Chris Green	"	14:35	26.2	762.0	8.08	8.12	100.7	—	—	P/F	L/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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Don Woods	10/18/18	810	180621C	7/2019	1000	1000	P/F	L/F
ICV	"	"	823	1805FB1	5/2020	100	99.4	P/F	L/F
CCV	Chris Green	"	14:33	180221A	3/2019	500	499	P/F	L/F
CCV								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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Don Woods	10/18/18	812	180621E	1/2020	7.02	19.6	7.02	-26.1	P/F	L/F
Calibr.	"	"	814	180510B	5/2019	4.00	21.6	4.00	147.5	P/F	L/F
Calibr.	"	"	816	1804103D	10/2019	10.03	22.1	10.03	-167.6	P/F	L/F
ICV	"	"	821	"	"	10.0	21.4	10.00	-167.5	P/F	L/F
CCV	Chris Green	"	14:30	180510B	5/2019	4.00	21.8	4.02	—	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 10 161.5, slope from 4 to 7 173.6 (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:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 2; 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	Don Woods	10/18/18	823	0.00	0.00	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:

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

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: C. Green

Project ID: SMP

Collected By:

Chris Green / Son Woods

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)	Time 11:10	mg/L	Date	mg/L	Time	(See pg 2)	
WIN/STORE		Temp (C) 22.9	pH 7.20	Sp. Conductance (umho/cm) 301					
Latitude		Salinity (ppt) 0.14	Comments						
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Time 11:35	mg/L	Date	mg/L	Time		
WIN/STORE		Temp (C) 23.1	pH 7.11	Sp. Conductance (umho/cm) 257					
Latitude		Salinity (ppt) 0.12	Comments						
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Time 12:30	mg/L	Date	mg/L	Time		
WIN/STORE		Temp (C) 23.3	pH 6.24	Sp. Conductance (umho/cm) 89					
Latitude		Salinity (ppt) 0.04	Comments						
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Time 13:05	mg/L	Date	mg/L	Time		
WIN/STORE		Temp (C) 23.4	pH 4.44	Sp. Conductance (umho/cm) 60					
Latitude		Salinity (ppt) 0.03	Comments						

Relinquished By: <u>C. Green</u>	Date/Time: <u>10-18-18 13:50</u>	Shipping Method: <u>Hand</u>	Number of Coolers Shipped:	Received By: <u>ABP</u>	Date/Time: <u>10-18-18 13:50</u>
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Group: C	Bottle Type: W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: E	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR	P-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</u>

Group: E	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: E	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: E	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP				8197080		
	W-ICPMS				7-16-19		
Group: E	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP				H2SO4		
	W-TKN				LOT# S08101020		
	W-TOC				EXP: 04/11/2019		
Group: E	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: F	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ENT-24-QT						