



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Steinhatchee River @ S Canal Rd

Date: 02/12/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0064

WBID: 3573A

Latitude: 29.830074

(Decimal Degrees)

County: Lafayette

ORG ID: 21FLTLHR

Longitude: 83.308208

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018- 01-29-48

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>J. Burkett</u> <u>J. Tolbert</u>						☒	☒	☒	☒	☒	☐ 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: <u>Dry</u> / Pooled / Low / Normal / High / Flooded						Meter ID# <u>Pro 3</u>				Matrix: <u>Fresh</u> / Marine / DI					
Photos: Yes / <u>No</u>						Flow: <u>No Flow</u> / Intertidal / Flowing / NA				Tide: <u>Rising</u> / 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 (µmhos/cm)	Temp. (C°)					
<u>EST</u>	<u>1235</u>	<u>0.69</u>	<u>0.3</u>	<u>0.69</u>	<u>6.33</u>	<u>69.3</u>	<u>7.37</u>	<u>0.11</u>	<u>228</u>	<u>19.86</u>					
CEN				<u>1</u>											
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		<u>SAT 2010</u>		<u>10/2/18</u>		☒ <2		
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3						☐ <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-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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Ice ☐ Other								

Notes:

Field/WIN ID

Location

G1TLHR0064

STEINHATCHEERIVER@SCANALRD

Signature: [Signature]

Date: 2/12/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 2/15/18

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

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 name.

Meter ID: Eyo 3

RQ: 2018 SMP

Project:

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	2/12/18	758	26.17	8.88	8.93	100	-	1.06	<u>(P)</u> F	<u>(L)</u> F
ICV	↓	↓	808	20.98	8.93	9.04	100	-	-	<u>(P)</u> F	<u>(L)</u> F
CCV	↓	↓	1415	22.0	8.74	8.82	100	-	-	<u>(P)</u> F	<u>(L)</u> 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; 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.	J. Burtchett	2/12/18	800	K0116B	01/19	1000	1000	<u>(P)</u> F	<u>(L)</u> F
ICV	↓	↓	810	2710781	09/19	100	99	<u>(P)</u> F	<u>(L)</u> F
CCV	↓	↓	1417	11/18	17103/B	1000	995	<u>(P)</u> F	<u>(L)</u> 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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	2/12/18	808	171121A	06/19	7.0	7.0	-22.7	<u>(P)</u> F	<u>(L)</u> F
Calibr.	↓	↓	804	K0116D	01/19	4.0	4.0	155.3	<u>(P)</u> F	<u>(L)</u> F
Calibr.	↓	↓	806	17121B	06/19	10.0	10.0	-142.5	<u>(P)</u> F	<u>(L)</u> F
ICV	↓	↓	812	171121B	06/19	10.0	10.0	-196.1	<u>(P)</u> F	<u>(L)</u> F
CCV	↓	↓	1419	18016C	01/19	4.0	4.1	148.1	<u>(P)</u> F	<u>(L)</u> 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 10 169.8, slope from 4 to 7 178 (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:

Sampling Agency:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
BST	2/12/18 15:26	HD	1	TKL	6/7/18 10:07

Received By:	Date/Time
Dyl-JL	6/21/18 07:30

Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	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: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						