



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: 5/16/2018
(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- 05-14-31

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Son Woods					X		X		
Chris Green						X		X	X

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 / Normal / High / Flooded

Meter ID# EX03

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 (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>1210</u>	<u>0.4</u>	<u>0.2</u>	<u>0.4</u>	<u>6.15</u>	<u>7.5</u>	<u>7.32</u>	<u>0.11</u>	<u>226</u>	<u>22.87</u>
CEN				<u>S</u>						

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	<u>7163030</u>	<u>6/12/18</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:

A-b

Field/WIN ID →



G1TLHR0064

Location ↓

Steinhatchee River @ S Canal Rd

Signature: [Signature]

Date: 5/16/18

Enter Field Parameters, Verify Station ID In LIMS DMT: ju 5/25/18
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: _____
(Initials/Date)

Scan/Save Field Sheets

(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 is qualified data on this name.

Meter ID: Exo 3

RQ:

Project: SMP 1805

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 4/17

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.	Jon Woods	5/16/18	832	22.2	8.71	8.66	99.4	—	1.05	P/F	L/F
ICV	"	"	846	23.2	8.55	8.60	100.7	—	—	P/F	L/F
CCV	"	"	1505	19.2	9.24	9.20	99.6	—	—	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; 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.	5/16/18 "	5/16/18	835	1804103A	7/2019	1000	1000	P/F	L/F
ICV	Jon Woods	"	844	2802933	1/2020	100	99.1	P/F	L/F
CCV	"	"	1506	180403A	4/2019	1000	1010	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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Jon Woods	5/16/18	837	171121A	6/2019	7.0	7.0	-40.2	P/F	L/F
Calibr.	"	"	839	1801160	1/2019	4.0	4.0	133.9	P/F	L/F
Calibr.	"	"	841	180221E	6/2019	10.0	10.0	-207.5	P/F	L/F
ICV	"	"	842	"	"	10.0	10.0	-207	P/F	L/F
CCV	"	"	1506	180116D	1/2019	4.0	4.0	131.4	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 10 167.3, slope from 4 to 7 174.1 (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

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:

kit A w/ bacteria

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Woods

Project ID: SMP

Collected By: J. Woods / C. Green

Sampling Agency: 8034

Location	Field/WIN ID →		G1TLHR0064		Location →		Steinhatchee River @ S Canal Rd		Field/WIN ID →		G1TLHR0065		Location →		Steinhatchee River 40m N of Yearling Rd		Field/WIN ID →		G1TLHR0066		Location →		Steinhatchee Spring @ SE Wolf Rd	
Field ID	WIN/STOR		Latitude		dd		Longitude		dd		Longitude		dd		Longitude		dd		Longitude		dd		Longitude	
☐ Comp Grab Date 5/16/18 Time 1210 Composite end Date 6/15/18 Total Res. Chlorine (mg/L) 6.15 % sat 22.8 ☐ Temp (C) 22.47 pH 7.32 Sample Depth 0.2 Sp. Conductance (umho/cm) 22.8 ☐ Salinity (ppt) 0.11 Comments SA 7163030 Exp. 6/12/18																								
☐ Comp Grab Date 5/16/18 Time 1225 Composite end Date 6/15/18 Total Res. Chlorine (mg/L) 6.44 % sat 24.6 ☐ Temp (C) 22.49 pH 7.41 Sample Depth 0.15 Sp. Conductance (umho/cm) 24.6 ☐ Salinity (ppt) 0.12 Comments SA 7163030 Exp. 6/12/18																								
☐ Comp Grab Date 5/16/18 Time 1240 Composite end Date 6/15/18 Total Res. Chlorine (mg/L) 6.56 % sat 23.6 ☐ Temp (C) 22.49 pH 7.51 Sample Depth 0.15 Sp. Conductance (umho/cm) 23.6 ☐ Salinity (ppt) 0.11 Comments SA 7163030 Exp. 6/12/18																								
☐ Comp Grab Date 5/16/18 Time 1300 Composite end Date 6/15/18 Total Res. Chlorine (mg/L) 6.56 % sat 23.6 ☐ Temp (C) 22.49 pH 7.51 Sample Depth 0.15 Sp. Conductance (umho/cm) 23.6 ☐ Salinity (ppt) 0.11 Comments SA 7163030 Exp. 6/12/18																								

Number of Coolers Shipped: 1

Shipping Method: HD

Date/Time: 5/16/18 1502

Relinquished By: SW

Received By: HBF

Date/Time: 5-16-18 1502

Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUTE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	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: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						

SA 7163030 Exp. 6/12/18