



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Steinhatchee River 40m north of SE Yearling Rd

Date: 5/16/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0065

WBID: 3573B

Latitude: 29.8448619

(Decimal Degrees)

County: Lafayette

ORG ID: 21FTLHR

Longitude: 83.3059138

(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	Sampling Equipment									
Son Woods Chris Green					X	X	X	X	X	☒ 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# EXO 3					Matrix: <u>Fresh</u> Marine / DI									
Photos: Yes / <u>No</u>					Flow: No Flow / Intestinal / <u>Flowing</u> / 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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)									
EST	1225	0.3	0.15	0.3	6.44	75.3	7.41	0.12	246	22.49									
CEN				S															
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		7163030		6/12/18		☒ <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					☐ Ice												
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other												

Notes:

A-b

Field/WIN ID →



G1TLHR0065

Location ↓

Steinhatchee River 40m N of Yearling Rd

Signature:

[Signature]

Date:

5/16/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

[Signature] 5/23/18
(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 page.

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	4/2019	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	9/2019	10.0	10.0	-207.5	P/F	L/F
ICV	"	"	842	"	"	10.0	10.0	-207	P/F	L/F
CCV	"	"	1506	1801160	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 →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date 5/16/18	Time 1210	mg/L	Total Res. Chlorine	(See pg 2)
WIN/STOR	↓		Matrix (type, e.g., Salt, Fresh, etc)		6.15	% sat	A
Latitude	↓		Temp (C) 22.47	pH 7.32	ft	Sp. Conductance (umho/cm)	22.8
	↓		Salinity (ppt) 0.11	Comments SA 7163030 Exp. 6/12/18	m		
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date 5/16/18	Time 1225	mg/L	Total Res. Chlorine	A
WIN/STOR	↓		Matrix (type, e.g., Salt, Fresh, etc)		6.44	% sat	
Latitude	↓		Temp (C) 22.49	pH 7.41	ft	Sp. Conductance (umho/cm)	246
	↓		Salinity (ppt) 0.12	Comments SA 7163030 Exp. 6/12/18	m		
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date 5/16/18	Time 1240	mg/L	Total Res. Chlorine	A
WIN/STOR	↓		Matrix (type, e.g., Salt, Fresh, etc)		6.56	% sat	
Latitude	↓		Temp (C) 22.49	pH 7.54	ft	Sp. Conductance (umho/cm)	238
	↓		Salinity (ppt) 0.11	Comments SA 7163030 Exp. 6/12/18	m		
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date 5/16/18	Time 1240	mg/L	Total Res. Chlorine	A
WIN/STOR	↓		Matrix (type, e.g., Salt, Fresh, etc)		6.56	% sat	
Latitude	↓		Temp (C) 22.49	pH 7.54	ft	Sp. Conductance (umho/cm)	238
	↓		Salinity (ppt) 0.11	Comments SA 7163030 Exp. 6/12/18	m		

Relinquished By: JW

Date/Time 5/16/18

1502

Shipping Method HD

Number of Coolers Shipped: 1

Received By: ABF

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
	CHLSUITE-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