



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Steinhatchee Spring Vent @ SE Wolf Rd

Date: 11/27/18

(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0066

WBID: 3573Z

Latitude: 29.8413886

(Decimal Degrees)

County: Lafayette

ORG ID: 21FLTLHR

Longitude: 83.308073

(Decimal Degrees)

Receiving Body of Water: Steinhatchee River

RQ-2018-11-26-66

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Michael Eckles 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 / Normal / High / Flooded						Meter ID# EXO				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°)					
EST	11:30	0.4	0.2	0.4	0.40	4.3	6.97	0.37	750	20.311					
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		SA8274058		10/1/19		☒ <2			
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3						☐ <2			
Filtered Nutrients		☒ W-P04-F ☒ Field Filtered 0.45 µm 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				☐ Ice									
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Other									

H2SO4
LOT# SA8274058
EXP: 10/01/2019

Place Preservative Sticker(s) Here
(If Available)

Notes:

A-b

Signature: [Signature]

Field/WIN ID →



G1TLHR0066

Location ↓

Steinhatchee Spring @ SE Wolf Rd

Date:

Enter Field Parameters, Verify Station ID in LIMS DMT: 1-15-19 CG

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets 1-15-19 CG

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

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

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Field Report Prepared By:

Collected By:

Sampling Agency:

[illegible]

Relinquished By: Eckles/Green	Date/Time 11/27/18	Shipping Method FD	Number of Coolers Shipped: 1	Received By: 	Date/Time 11/27/18
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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: 157737 EVO

RQ-

Project: SMP

- 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

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.	M.A. Eckles	11/27/18	8:30	26.4	758.9	9.02	9.01	99.8	—	1.055	P/F	L/F
ICV	M.A. Eckles	11/27/18	8:35	20.5	759.1	9.02	9.02	99.7	—	—	P/F	L/F
CCV	Chris Green	11/27/18	16:15	21.1	757.4	8.90	8.86	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 (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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	M.A. Eckles	11/27/18	8:40	180621C	7/19	1000	1000	P/F	L/F
ICV	M.A. Eckles	11/27/18	8:45	1805F81	5/20	100	101	P/F	L/F
CCV	Chris Green	11/27/18	16:20	180621C	7/19	1000	996	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.	M.A. Eckles	11/27/18	8:50	180621E	1/20	7.03	17.0	7.03	-51.9	P/F	L/F
Calibr.	M.A. Eckles	11/27/18	8:55	180621D	7/19	4.6	17.8	4.0	118.8	P/F	L/F
Calibr.	M.A. Eckles	11/27/18	9:00	180403D	10/19	10.10	17.0	10.10	-215.7	P/F	L/F
ICV	M.A. Eckles	11/27/18	9:05	180403D	10/19	10.10	16.9	10.07	-75.4	P/F	L/F
CCV	Chris Green	11/27/18	16:22	180621D	7/19	4.00	17.7	4.14	—	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 _____, slope from 4 to 7 _____ (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: _____; 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						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: