



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Steinhatchee Spring Vent @ SE Wolf Rd

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

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment												
<u>Sen Woods</u> <u>Chris Green</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: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# <u>EX03</u>						Matrix: <u>Fresh</u> / Marine / DI											
Photos: Yes / <u>No</u>						Flow: No Flow / Intestinal / <u>Flowing</u> / NA						Tide: Rising/ Falling/ Slack/ <u>NA</u>						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>1240</u>	<u>0.3</u>	<u>0.15</u>	<u>0.3</u>	<u>6.54</u>	<u>76.1</u>	<u>7.54</u>	<u>0.11</u>	<u>238</u>	<u>22.49</u>													
CEN				<u>S</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>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-CHC / 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-SPNP-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 →



G1TLHR0066

Location ↓

Steinhatchee Spring @ SE Wolf Rd

Signature: [Signature]

Date: 5/16/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

[Signature] 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 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.	<u>Jon Woods</u>	<u>5/16/18</u>	<u>832</u>	<u>22.2</u>	<u>8.71</u>	<u>8.66</u>	<u>99.4</u>	<u>—</u>	<u>1.05</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>"</u>	<u>"</u>	<u>846</u>	<u>23.2</u>	<u>8.55</u>	<u>8.60</u>	<u>100.7</u>	<u>—</u>	<u>—</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>"</u>	<u>"</u>	<u>1505</u>	<u>19.2</u>	<u>9.24</u>	<u>9.20</u>	<u>99.6</u>	<u>—</u>	<u>—</u>	<u>P/F</u>	<u>L/F</u>
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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.	<u>5/16/18</u>	<u>5/16/18</u>	<u>435</u>	<u>1804103A</u>	<u>4/2019</u>	<u>1000</u>	<u>1000</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>Jon Woods</u>	<u>"</u>	<u>844</u>	<u>2802933</u>	<u>1/2020</u>	<u>100</u>	<u>99.1</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>"</u>	<u>"</u>	<u>1506</u>	<u>180403A</u>	<u>4/2019</u>	<u>1000</u>	<u>1010</u>	<u>P/F</u>	<u>L/F</u>
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.	<u>Jon Woods</u>	<u>5/16/18</u>	<u>837</u>	<u>171121A</u>	<u>6/2019</u>	<u>7.0</u>	<u>7.0</u>	<u>40.2</u>	<u>P/F</u>	<u>L/F</u>
Calibr.	<u>"</u>	<u>"</u>	<u>839</u>	<u>1801160</u>	<u>1/2019</u>	<u>4.0</u>	<u>4.0</u>	<u>133.9</u>	<u>P/F</u>	<u>L/F</u>
Calibr.	<u>"</u>	<u>"</u>	<u>841</u>	<u>180221E</u>	<u>9/2019</u>	<u>10.0</u>	<u>10.0</u>	<u>-207.5</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>"</u>	<u>"</u>	<u>842</u>	<u>"</u>	<u>"</u>	<u>10.0</u>	<u>10.0</u>	<u>-207</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>"</u>	<u>"</u>	<u>1506</u>	<u>180116D</u>	<u>1/2019</u>	<u>4.0</u>	<u>4.0</u>	<u>131.4</u>	<u>P/F</u>	<u>L/F</u>
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:

last revised Jan 25, 2018

Field Report Prepared By:

Sampling Agency: 8034

Relinquished By: SW	Date/Time 5/16/14	Shipping Method HD	Number of Coolers Shipped: 1	Received By: HSD	Date/Time 5-15-14	150
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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