



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Steinhatchee River @ S Canal Rd

Date: 02/27/2019
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0064

WBID: 3573A Latitude: 29.830074

County: LAFAYETTE

ORG ID: 21FTLHR Longitude: -83.30821
(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ: 201812-31-29
(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment												
<u>J. Burtchett</u> <u>C. Green</u>						☒	☒	☒	☒	☒	☒ Sample Container ☐ Van Dorn ☐ Pole ☐ Carboy ☒ Syringe ☐ Dipper ☐ Other _____ Depth Measured with _____ Equipment ID _____												
											☒ Wading ☐ Canoe/Kayak ☐ From Shore ☐ Electric Motor ☐ Other _____ ☐ Gasoline Motor												
Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded						Meter ID# <u>135075</u>						Matrix: <u>Fresh</u> / Marine / DI											
Photos: <u>YES</u> / <u>NO</u>						Flow: No Flow / Intertidal / <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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)													
<u>EST</u>	<u>1240</u>	<u>1.1</u>	<u>0.3</u>	<u>0.6</u>	<u>7.24</u>	<u>75.5</u>	<u>7.25</u>	<u>0.08</u>	<u>159</u>	<u>17.4</u>													
CEN																							
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>8274050</u>		<u>10/1/19</u>		☒ <2											
Metals		☒ W-ICPMS ☒ W-JCP				☒ Ice ☒ HNO3		<u>8344050</u>		<u>12/10/19</u>		☒ <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-CL-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS				☒ Ice																	
Physical/Aggregate (Marine)		☐ Alkalinity / ☐ W-BR-IC / ☐ 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-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				☐ Ice																	
Tracers		☐ W-E8321-DI ☐ W-E8321-MS				☐ Ice																	
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA				☐ Ice																	
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice																	
Notes:												Place Label Here											
Signature: <u>[Signature]</u>												Date: <u>02/27/19</u>											

LIMS EVENT ID: TLH-KOC-2019-02-27-01

WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: CB 3-12-19

QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets CB 3-12-19
(Initials/Date)

Migrate Data to WIN: _____

Verify Data In WIN: _____
(Initials/Date)

T. Banche

2034

Relinquished By:	JB, LC	Date/Time	2/27/19 0147	Shipping Method	HD	Number of Coolers Shipped:	1	Received By:		Date/Time	2-27-19 / 144
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Date/Time 07-19/14:27

Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: ECOLL-18QT	P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4 SAS274050 10/11/19	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: ECOLL-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3 8344050 12/10/19	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

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: 155079

RQ:

Project: SMP 2018-10

- 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 12/18

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.	J. Burtchett	2/27/19	802	19.7	761.2	9.15	9.16	100.2	-	1.03	☒ F	☒ F
ICV	↓	↓	812	19.1	761.2	9.26	9.22	99.6	-	-	☒ F	☒ F
CCV	↓	↓	1450	22.1	759.9	8.73	8.73	100.1	-	-	☒ F	☒ 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	2/27/19	804	80621C	07/19	1000	1000	☒ F	☒ F
ICV	↓	↓	814	1805F81	06/20	100	99	☒ F	☒ F
CCV	↓	↓	1452	1805F81	05/20	100	101	☒ F	☒ F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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.	J. Burtchett	2/27/19	806	180403C	10/19	7.02	19.3	7.03	-14.6	☒ F	☒ F
Calibr.	↓	↓	808	180621D	07/19	4.00	19.2	4.00	159.7	☒ F	☒ F
Calibr.	↓	↓	810	180621F	01/20	10.08	19.3	10.07	-143.4	☒ F	☒ F
ICV	↓	↓	816	180621F	01/20	10.08	18.9	10.11	-186.5	☒ F	☒ F
CCV	↓	↓	1454	180621D	07/19	4.61	20.1	4.06	155.8	☒ F	☒ F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50;

mV pH 4 Range +180 ± 50;

mV pH 10 Range -180 ± 50;

If mV are recorded: slope from 7 to 10 168.8, slope from 4 to 7 174.3 (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: 12/18

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	J. Burtchett	2/27/19	800	0.00	0.00	☒ F	☒ F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: