



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Steinhatchee River 40m N of Yearling Rd

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

WIN/ Field ID: G1TLHR0065

WBID: 3573B

Latitude: 29.844862

County: LAFAYETTE

ORG ID: 21FLTLHR

Longitude: -83.30591

Receiving Body of Water: Gulf of Mexico

RQ: 2018-12-31-21

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>J. Burdette</u> <u>C. 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 / Normal <u>High</u> Flooded						Meter ID# <u>155075</u>			Matrix: <u>Fresh</u> Marine / DI						
Photos: <u>Yes</u> No						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 (umhos/cm)	Temp. (C°)					
<u>EST</u>	<u>1215</u>	<u>0.9</u>	<u>0.3</u>	<u>0.7</u>	<u>7.29</u>	<u>76.3</u>	<u>7.37</u>	<u>009</u>	<u>187</u>	<u>17.6</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 ☒ H ₂ SO ₄		<u>548274050</u>	<u>10/1/19</u>	☒ <2					
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO ₃				☐ <2					
Filtered Nutrients		☒ W-PO4-F ☐ Field Filtered 0.45 um 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-HF1.83 ☐ 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:

Field/WIN ID →



G1TLHR0065

Location ↓

Steinhatchee River 40m N of Yearling Rd

Signature: [Signature]

Date: 02/27/19

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

WIN Import ID:

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

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets CG 3-12-19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC
Project ID: SMP

Requester: Michael Eckles
Collected By: J. Burchett, C. Green

Field Report Prepared By: J. Burchett
Sampling Agency: YC34

Location		☒ Comp	Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID	Field/WIN ID →	☒ Grab	Date 2/27/19	1135	Central	Date	Time	(See pg 2)
WIN/S	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen			
		Fresh			2.17			
Latitude		Temp (C)	16.5	pH	6.72	Sample Depth	6.3	
		Salinity (ppt)	0.07	Comments				
Location		☒ Comp	Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID	Field/WIN ID →	☒ Grab	Date 2/27/19	1215	Central	Date	Time	
WIN/STOF	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen			
		Fresh			7.29			
Latitude		Temp (C)	17.6	pH	7.37	Sample Depth	6.3	
		Salinity (ppt)	0.09	Comments				
Location		☒ Comp	Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID	Field/WIN ID →	☒ Grab	Date 2/27/19	1240	Central	Date	Time	
WIN/STC	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen			
		Fresh			7.24			
Latitude		Temp (C)	17.4	pH	7.25	Sample Depth	6.3	
		Salinity (ppt)	0.06	Comments				
Location		☒ Comp	Collection (comp begin or grab)	Time	Eastern	Composite end	Time	Bottle Group(s)
Field ID	Field/WIN ID →	☒ Grab	Date		Central	Date	Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen			
Latitude		Temp (C)		pH		Sample Depth		
		Salinity (ppt)		Comments				

Relinquished By: JB, CC	Date/Time 2/27/19 0147	Shipping Method HD	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time 2-27-19 1447
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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: ECOLI-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: ECOLI-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 5344055 12/15/19	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	P/F	F
ICV	↓	↓	812	19.1	761.2	9.26	9.22	99.6	-	-	P/F	F
CCV	↓	↓	1450	22.1	759.9	8.73	8.73	100.1	-	-	P/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	P/F	F
ICV	↓	↓	814	1805581	06/20	100	99	P/F	F
CCV	↓	↓	1452	1805581	05/20	100	101	P/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	P/F	F
Calibr.	↓	↓	808	180621D	07/19	4.00	19.2	4.00	159.7	P/F	F
Calibr.	↓	↓	810	180621F	01/20	10.08	19.3	10.07	143.4	P/F	F
ICV	↓	↓	816	180621F	01/20	10.08	18.9	10.11	186.5	P/F	F
CCV	↓	↓	1454	180621D	07/19	4.01	20.1	4.06	155.8	P/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	P/F	F

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

COMMENTS: