FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

October 2017

Qualified Data: Yes

Location/STORET Station Name: Steinhatchee @ S. Canal rd Spring Vent **Date:** 01/02/2018 (mm/dd/yyyy)

STORET # GITLHR0064 **WBID:** 3573A **Latitude:** (Decimal Degrees)

County: Lafayette **RQ** 2018-01-01-24 **ORG ID:** 21FLTLHR **Longitude:** (Decimal Degrees)

Receiving Body of Water: Gulf **Field ID:** GITLHR0064-2018

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Butchett	✓		✓		
M. Eckles		✓		✓	✓

Sampling Equipment

- ☐ Sample Container ☐ Van Dorn ☐ Pole
- ☐ Carboy ☑ Syringe
- ☐ Dipper ☐ Other

Equipment ID

Collection Method

- ☑ Wading ☐ Canoe/Kayak
- ☐ From Shore ☐ Electric Motor
- ☐ Other ☐ Gasoline Motor

Water Level: Dry / Low / (Normal) / Above Normal / Flooded **Meter ID#** Exo3 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / No **Flow:** No Flow / (Intestital) / Flowing / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High Low

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1350	0.2	0.4	10.41	165.7	7.52	0.16	0.4 (S)	331	6.89
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 ☑ H_2SO_4	SA7275010	10/2016	☑ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <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-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-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here (If Available)

Notes:

Place Label Here (If Available)

Signature: **Date:** 1/2/18

Field Parameters Entered into LIMS: JB 1/5/18 (Initials/Date) Field Parameters QC in LIMS: JT 1-16-18 (Initials/Date)

Date Migrated to STORET: CE 4-10-18 (Initials/Date) Field Sheets Scanned/Saved: CE 4-10-18 (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 Project: SMP Q18

Notes: (1) Numbers ≤4, are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
(2) Always wait for meter to stabilize before recording any readings.
(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 10/17

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.	J.Burtlett	1/2/18	750	14.0	10.31	10.30	100	-	-	P	L
ICV	↓	↓	800	15.3	10.02	10.00	100	-	-	P	L
CCV			1409	12.67	10.6	10.58	100	-	-	P	F
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.
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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J.Burtlett	1/2/18	752	1711210	12/18	1000	1000	P	L
ICV	↓	↓	802	2710781	09/19	100	100	P	L
CCV			1411	170630A	07/18	500	501	P	F
CCV									

Report specific conductance as a whole number with no decimal figure. Conductivity Acceptance criteria ± 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.	J.Burtlett	1/2/18	754	171121A	06/19	7.0	7.0	-16.5	P	L
Calibr.	↓	↓	756	1711210	12/18	4.0	4.0	167.5	P	L
Calibr.			758	171121B	06/19	10.0	10.0	-149.1	P	L
ICV			804	171121B	06/19	10.0	10.0	-149.8	P	L
CCV			15	171121C	12/18	4.0	4.0	153	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ±0.2 SU; mV pH7 Range 0±50; mV pH 4 Range +180±50;
mV pH 10 Range -180±50; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly) Date of Last Depth Verification _____

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria ±5 % or ±0.05m, whichever is greater

Request Number: RQ-2018-01-01-24

kit A w/ bacteria

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Mike Echles, Jade Burtchett

Field Report Prepared By: J. Burtchett

Sampling Agency: 8034

Location: Steinhatchee 40m N of Yearling
Field ID: GITLHR0065-2018
STORET #: GITLHR0065
Latitude ☐ dd ☐ dms **Longitude** ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/2/18 Time 1330 | Eastern / Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 10.91 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 5.78 | pH 7.51 | Sample Depth 0.125 ☐ ft ☑ m | Sp. Conductance (umho/cm) 335.1

Salinity (ppt) 0.16 | Comments

Location: Steinhatchee @ S. Canal Rd
Field ID: GITLHR0064
STORET #: GITLHR0064-2018
Latitude ☐ dd ☐ dms **Longitude** ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/2/18 Time 1350 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh 7.52 | Diss. Oxygen ~~10.21~~ 10.41 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 6.89 | pH ~~7.43~~ | Sample Depth 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm) 331

Salinity (ppt) | Comments

Location: Dupe (Steinhatchee @ S. Canal Rd.
Field ID: GITLHR0064-2018-DUPE
STORET #: GITLHR0064-DUPE
Latitude ☐ dd ☐ dms **Longitude** ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/2/18 Time 1353 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 10.21 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 6.9 | pH 7.43 | Sample Depth 0.2 ☐ ft ☑ m | Sp. Conductance (umho/cm) 333.6

Salinity (ppt) 0.16 | Comments

Location: Blank (Steinhatchee @ S. Canal Rd.
Field ID: GITLHR0064-2018-BLANK
STORET #: GITLHR0064-BLANK
Latitude ☐ dd ☐ dms **Longitude** ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/2/18 Time 1356 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, MG	1/2/18 1534	HD	1	[illegible]	1/2/18 3:35