



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Aucilla River

Date: 2-13-2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0019

WBID: 3310

Latitude: 30.27991

County: Jefferson

ORG ID: 21FTLHR

Longitude: 83.84214

Receiving Body of Water: Gulf of Mexico

RQ-2018- 02-12-49

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
									☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with <u>YSI</u>			
									Equipment ID			
									Collection Method			
									☒ Wading	☐ Canoe/Kayak		
									☐ From Shore	☐ Electric Motor		
									☐ Other	☐ Gasoline Motor		
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded				Meter ID# <u>12 YSI 600 XLM</u>				Matrix: <u>Fresh</u> / Marine / DI				
Photos: <u>Yes</u> / 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°)		
<u>EST</u>	<u>10:10</u>	<u>0.6</u>	<u>0.3</u>	<u>0.65</u>	<u>7.10</u>	<u>74.0</u>	<u>6.63</u>	<u>0.05</u>	<u>102</u>	<u>17.33</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>SA7163030</u>	<u>6-12-18</u>	☒ <2				
Metals	☒ W-ICPMS ☒ W-ICP				☒ Ice ☐ HNO3	<u>NA7261120</u>	<u>9-18-18</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-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							

Notes:
kit: C-b

Field/WIN ID

Location



G1TLHR0019



AUCILLA RIVER

Signature: [Signature]

Date: 2-13-2018

Enter Field Parameters, Verify Station ID in LIMS DMT: 26 2-19-18

QC Station ID, Field Parameters in LIMS DMT: ME 2/19/18

Scan/Save Field Sheets 26/4-4-18
(Initials/Date)

Migrate Data to WIN: 26 4-4-18
(Initials/Date)

Verify Data in WIN: ME 2/19/18
(Initials/Date)

Sampling Agency:

Relinquished By: <i>Chris Green</i>	Date/Time <i>2-13-15</i>	Shipping Method <i>Hand</i>	Number of Coolers Shipped:	Received By: <i>[Signature]</i>	Date/Time <i>2/13/18 1855</i>
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Received By:

Date/Time:

2/13/18 1855

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: USI 600 X/A #12

RQ-

Project: SMO

- 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 1/17

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.	Michael Eckles	2/13/18	8:40	19.7	9.147	9.26	101.2	52.3	0.7478	P/F	L/F
ICV	Michael Eckles	2/13/18	8:45	19.7	9.147	9.19	100.4	52.3	—	P/F	L/F
CCV	Chris Green	11	16:00	20.35	9.03	9.04	100.1	—	—	P/F	L/F
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.	Michael Eckles	2/13/18	8:58	180116B	4/19	1000	1000	P/F	L/F
ICV	Michael Eckles	2/13/18	8:59	2710781	9/19	100	96	P/F	L/F
CCV	Chris Green	11	16:05	1706300	7/15	100,000	—	P/F	L/F
CCV				1706300	7/18	50,000	48,719	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.	Michael Eckles	2/13/18	8:55	171121A	4/19	7.0	7.0	-29.1	P/F	L/F
Calibr.	Michael Eckles	2/13/18	8:56	1801160	4/19	4.0	4.0	143.1	P/F	L/F
Calibr.	Michael Eckles	2/13/18	9:05	171121B	4/19	10.0	10.0	-99.7	P/F	L/F
ICV	Michael Eckles	2/13/18	9:08	171121B	4/19	10.0	10.0	-98.8	P/F	L/F
CCV	Chris Green	11	16:10	1801160	1/19	4.0	4.0	—	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 10 172.2, slope from 4 to 7 172.2 (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 169.7

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: