



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Aucilla River

Date: 7-18-2018

WIN/ Field ID: G1TLHR0019

WBID: 3310

Latitude: 30.27991

(mm/dd/yyyy)

County: Jefferson

ORG ID: 21FLTLHR

Longitude: 83.84214

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018- 07-09-60

(Decimal Degrees)

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 Secchi
Equipment ID 2

Collection Method

☒ Wading ☐ Canoe/Kayak
☐ From Shore ☐ Electric Motor
☐ Other ☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# EX03

Matrix: Fresh / Marine / DI

Photos: Yes ☒ No ☐

Flow: No Flow / Intertidal / 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>9:40</u>	<u>0.5</u>	<u>0.25</u>	<u>0.4</u>	<u>5.08</u>	<u>62.9</u>	<u>6.40</u>	<u>0.02</u>	<u>55.7</u>	<u>26.2</u>
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 ☐ H2SO4	<u>5A 8085170</u>	<u>3-26-19</u>	☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☐ HNO3	<u>NA 722608</u>	<u>8-14-18</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-CHIC / 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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here
(If Available)

Notes:

Kit: C-b
Group: D

Place Label Here

Signature: Ch 3

Date: 7-18-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 7/20/18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

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 name.

Meter ID: E603

RQ:

Project: SMP20K

- 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 6/18

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. Burchett	7/18/18	755	23.5	8.50	8.50	100	-	1.05	P/F	D/F
ICV	↓	✓	805	20.0	9.09	9.06	100	-	-	P/F	L/F
CCV	↓	✓	1402	28.9	7.71	7.75	101	-	-	P/F	L/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; 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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	7/18/18	757	180403A	04/19	1000	1000	P/F	D/F
ICV	↓	✓	807	2802833	01/20	100	100	P/F	D/F
CCV	↓	✓	1404	2802833	01/20	100	99	P/F	L/F
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.	J. Burchett	7/18/18	759	171121A	06/19	7.0	7.0	-49.3	P/F	D/F
Calibr.		↓	801	18016D	01/19	4.0	4.0	129.6	P/F	D/F
Calibr.	↓	↓	803	180221E	09/19	10.0	10.0	-212.3	P/F	D/F
ICV		↓	809	180221E	09/19	10.0	10.0	-230.0	P/F	D/F
CCV		↓	1406	18016D	01/19	4.0	4.0	131.1	P/F	D/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 10 163, slope from 4 to 7 178.9 (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 7/18

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. Burchett	7/18/18	811	0.0	0.0	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:

Request Number: RQ-2018-07-09-60
Kit C-b (WEID 3310) Aucilla River Run_2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page 1 of 2
last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Chris Green Trade Butcher

Field Report Prepared By: L. Green

Sampling Agency: 8034

Location	☐ Comp		Collection (comp begin or grab)	☒ Grab	Date	7-18-2018	Time	9:40	Eastern	Composite end	Bottle Group(s)
Field/WIN ID	☒ Grab		Date	7-18-2018	Time	9:40	Eastern	Composite end	Date	Time	(See pg 2)
WIN	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	5.08	☒ mg/L	Total Res. Chlorine	☐ % sat	(mg/L)			
Latitude	Temp (C)		26.2	pH	6.40	Sample Depth	0.25	☒ ft	Sp. Conductance	55.7	A
Longitude	Salinity (ppt)		0.02	Comments							
Location	☐ dd		☐ dms	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)			
Field ID	☐ dd		☐ dms	☐ Grab	Date	Time	Eastern	Composite end	Date	Time	
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine	☐ % sat	(mg/L)				
Latitude	Temp (C)			pH		Sample Depth		☐ ft	Sp. Conductance		
Longitude	Salinity (ppt)			Comments							
Location	☐ dd		☐ dms	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)			
Field ID	☐ dd		☐ dms	☐ Grab	Date	Time	Eastern	Composite end	Date	Time	
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine	☐ % sat	(mg/L)				
Latitude	Temp (C)			pH		Sample Depth		☐ ft	Sp. Conductance		
Longitude	Salinity (ppt)			Comments							
Location	☐ dd		☐ dms	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)			
Field ID	☐ dd		☐ dms	☐ Grab	Date	Time	Eastern	Composite end	Date	Time	
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine	☐ % sat	(mg/L)				
Latitude	Temp (C)			pH		Sample Depth		☐ ft	Sp. Conductance		
Longitude	Salinity (ppt)			Comments							
Location	☐ dd		☐ dms	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)			
Field ID	☐ dd		☐ dms	☐ Grab	Date	Time	Eastern	Composite end	Date	Time	
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine	☐ % sat	(mg/L)				
Latitude	Temp (C)			pH		Sample Depth		☐ ft	Sp. Conductance		
Longitude	Salinity (ppt)			Comments							
Location	☐ dd		☐ dms	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)			
Field ID	☐ dd		☐ dms	☐ Grab	Date	Time	Eastern	Composite end	Date	Time	
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine	☐ % sat	(mg/L)				
Latitude	Temp (C)			pH		Sample Depth		☐ ft	Sp. Conductance		
Longitude	Salinity (ppt)			Comments							
Location	☐ dd		☐ dms	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)			
Field ID	☐ dd		☐ dms	☐ Grab	Date	Time	Eastern	Composite end	Date	Time	
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine	☐ % sat	(mg/L)				
Latitude	Temp (C)			pH		Sample Depth		☐ ft	Sp. Conductance		
Longitude	Salinity (ppt)			Comments							

Relinquished By: L. Green

Date/Time

7-18-2018

Shipping Method

Hand

Number of Coolers Shipped:

Received By: ATB

Date/Time

7-18-18

13:10

13-10

Contains
1-1
NINE EIGHT
NA 226052
EXP. 06/14/18
See SDS