



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Aucilla River

Date: 04/11/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0019

WBID: 3310

Latitude: 30.27991

(Decimal Degrees)

County: Jefferson

ORG ID: 21FLTLHR

Longitude: 83.84214

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018-04-16-35

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burtchett I. Green						☒	☒	☒	☒	☒	☒ 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 / ☒ High / Flooded						Meter ID# EXO3			Matrix: Fresh / Marine / DI						
Photos: Yes / ☒ 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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)					
EST	955	0.5	0.25	0.5	6.77	71	6.64	0.03	74	17.40					
CEN				(S)											
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		SA7163030		6/12/18		☒ <2		
Metals		☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO3		NA734106		12/7/18		☒ <2		
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice								
Chlorophyll		☒ CHL SUITE-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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Ice ☐ Other								

Notes:
Kit: C-b

Place Label Here

Signature:

Date:

Enter Field Parameters, Verify Station ID In LIMS DMT:

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: Exo 3 RQ: Project: Smp 2018

- 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 12/17

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. Burchett	4/11/18	800	20.3	9.04	9.06	100	-	1.05	P/F	L/F
ICV	↓	↓	810	19.0	9.24	9.24	100	-	-	P/F	L/F
CCV	↓	↓	1450	24.4	8.36	8.38	100	-	-	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	4/11/18	802	180116B	01/19	1000	1000	P/F	L/F
ICV	↓	↓	812	2710781	09/19	100	95	P/F	L/F
CCV	↓	↓	1452	2710781	09/19	100	95	P/F	L/F
CCV			1454	180116B	01/19	1000	997	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	4/11/18	804	171121A	06/19	7.0	7.0	-34.0	P/F	L/F
Calibr.			806	140116D	01/19	4.0	4.0	141.4	P/F	L/F
Calibr.	↓	↓	808	180221E	09/19	10.0	10.0	-202.4	P/F	L/F
ICV	↓	↓	814	180221E	09/19	10.0	10.0	-202.9	P/F	L/F
CCV	↓	↓	1454	180116D	01/19	4.0	4.0	140.8	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 10 168.4, slope from 4 to 7 175.4 (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 12/17

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:

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Burtchett

Project ID: SMP

Collected By: C. Green

J. Burtchett

Sampling Agency: 8034

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/11/18 Time 955		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.77		mg/L Total Res. Chlorine % sat			
WIN/STI		Temp (C) 17.40		pH 6.64		ft Sp. Conductance (umho/cm) 74		A	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.03		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine % sat			
WIN/STORET #		Temp (C)		pH		ft Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Salinity (ppt)		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Composite end Date Time		Bottle Group(s)	
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Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine % sat			
WIN/STORET #		Temp (C)		pH		ft Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Salinity (ppt)		Comments			

Relinquished By: JB, CG

Date/Time: 4/11/18:1443

Shipping Method: HP

Number of Coolers Shipped: 1

Received By: J. Burtchett

Date/Time: 6/11/18 2:47