



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Aucilla River

Date: 8/29/2018
(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-2018-07-09-60

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Jan Woods Jade Butcher				X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
Depth Measured with				751				Equipment ID		154177		
									Collection Method			
				X	Wading	☐ Canoe/Kayak	☐ Electric Motor	☐ Gasoline Motor				
									☐ From Shore			
									☐ Other			
Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded				Meter ID# 154177				Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes ☒ No ☐ Flow: No Flow / Intertidal / <u>Flowing</u> / 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°)		
EST	1225	0.6	0.3	0.3	5.02	61.1	6.24	0.02	55	25.3		
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				☐ <2			
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <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-CH-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
Group: D

Field/WIN ID →

Location ↓



G1TLHR0019



AUCILLA RIVER

Signature:

Date: 8/29/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

JS 8/30/18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

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: 154177

RQ:

Project: SMP2018

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:

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	8/21/18	752	20.2	760.7	9.06	9.07	100	-	1.0	P/F	L/F
ICV	↓	↓	802	20.2	760.8	9.06	9.02	100	-	-	P/F	L/F
CCV	↓	↓	1441	27.3	760.0	7.93	8.00	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 (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	8/21/18	754	18043A	04/19	1000	1000	P/F	L/F
ICV	↓	↓	804	2802833	01/20	100	100	P/F	L/F
CCV	↓	↓	1443	1803264	04/19	100	101	P/F	L/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	8/21/18	756	180621E	04/20	7.0	20.0	7.0	-19.7	P/F	L/F
Calibr.	↓	↓	758	1805613	05/19	4.0	20.4	4.0	157.1	P/F	L/F
Calibr.	↓	↓	800	180221E	04/19	10.0	20.1	10.0	187.5	P/F	L/F
ICV	↓	↓	806	180221E	04/19	10.0	20.9	10.0	191.6	P/F	L/F
CCV			1445	180510A	05/19	4.0	20.6	4.0	158.2	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 ± 50;

mV pH 10 Range -180 ± 50;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (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: _____

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	8/21/18	808	0.00	0.0	P/F	L/F

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

COMMENTS:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: JW

Project ID: SMP

Collected By: Woods/Buckett

Sampling Agency: 8034

Location		☐ Comp Grab		Collection (comp begin or grab)		☒ Eastern Central		Composite end		Bottle Group(s)	
Field ID		Date 8/29/18		Time 1225		Diss. Oxygen 5.02		Total Res. Chlorine (mg/L)		(See pg 2)	
WIN/STORE #		Temp (C) 25.3		pH 6.41		Sample Depth 0.3		Sp. Conductance (umho/cm) 55		A	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.02		Comments					
Location		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
Field ID		Date		Time		Diss. Oxygen		Total Res. Chlorine (mg/L)			
WIN/STORE #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		Salinity (ppt)		Comments			
Location		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
Field ID		Date		Time		Diss. Oxygen		Total Res. Chlorine (mg/L)			
WIN/STORE #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		Salinity (ppt)		Comments			
Location		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
Field ID		Date		Time		Diss. Oxygen		Total Res. Chlorine (mg/L)			
WIN/STORE #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		Salinity (ppt)		Comments			

Relinquished By: JW	Date/Time: 8/29/18 1415	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 8/29/18 1416
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	/
	W-ICP						
	W-ICPMS				HNO3 LOT# N43333373 EXP: 03/21/19		
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	/
	W-NH3						
	W-NO2NO3						
	W-S-A-TP				H2SO4 LOT# 908101020 EXP: 04/11/2019		
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	/
	W-PO4-F						