



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Saul Creek

Date: 8-22-18

(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0014

WBID: 1271

Latitude: 29.7896302

(Decimal Degrees)

County: Gulf

ORG ID: 21FLTLHR

Longitude: 85.0505733

(Decimal Degrees)

Receiving Body of Water: Apalachicola River

RQ-2018- 08-20-61

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Chris Green						✓	✓	✓	✓	✓	☒ Sample Container	☐ Van Dorn	☐ Pole		
Paul Blair						✓	✓	✓	✓	✓	☐ 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# 451 600 XLM #12				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°)					
EST	12:40	8.8	0.3	0.9	5.27	65.3	6.89	0.06	120	26.28					
CEN	12:45		8.3		2.19	26.2	6.57	0.06	134	24.54					
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	5A8085170	3/26/19	☒ <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-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:

A-b

Field/WIN ID →

Location ↓



G2TLHR0014



SAUL CREEK @ MOUTH

Signature:

Date: 8-22-18

Enter Field Parameters, Verify Station ID In LIMS DMT: 06 8-23-18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

06 8-23-18

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Request Number: RQ-2018-08-20-61
Run 8

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC
Project ID: SMP

Requester: Michael Eckles
Collected By: Chris Green / Paul Blair

Field Report Prepared By: C. Green
Sampling Agency: 8034

Field	Field/WIN ID	Location	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	Total Res. Chlorine	Bottle Group(s)
Field	Field/WIN ID →	Location ↓	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	Total Res. Chlorine	Bottle Group(s)
Field	G2TLHR0033	Horseshoe Creek 100m upstream from Intercoasta/Lake Wimico	27.86	0.07	6.80	5.10	0.3	143		A
Field	Field/WIN ID →	Location ↓	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	Total Res. Chlorine	Bottle Group(s)
Field	G2TLHR0003	Double Bayou 800m upstream from Lake Wimico	27.58	0.06	7.09	7.12	0.3			A
Field	Field/WIN ID →	Location ↓	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	Total Res. Chlorine	Bottle Group(s)
Field	G2TLHR0014	SAUL CREEK @ MOUTH	26.28	0.06	6.89	5.27	0.3	120		A
Field	Field/WIN ID →	Location ↓	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance	Total Res. Chlorine	Bottle Group(s)
Field	G2TLHR0013	BROTHERS RIVER @ MOUTH	26.23	0.06	6.96	5.23	0.3			A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
C. Green	8-22-18	Hand		Tyler L	08/29/2018

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: YSI 600 XLM #12

RQ: 2018-08-20-61

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 8/20/18

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.	Chris Green	8-22-18	8:00	18.78	758.0	9.31	9.29	99.7	58.4	0.91	P / F	L / F
ICV	↓	↓	8:20	20.11	—	9.04	8.90	98.0	—	—	P / F	L / F
CCV	↓	↓	15:58	24.63	—	8.32	8.30	99.7	—	—	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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Chris Green	8-22-18	8:10	180403A	4/19	1000	1000	P / F	L / F
ICV	↓	↓	8:19	2802833	01/20	100	100	P / F	L / F
CCV	↓	↓	15:55	170630B	7/18	500	501	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Chris Green	8-22-18	8:12	180621E	1/20	7.00	19.54	7.00	25.9	P / F	L / F
Calibr.	↓	↓	8:14	180510B	5/19	4.00	19.51	4.00	146.1	P / F	L / F
Calibr.	↓	↓	8:16	180221E	9/19	10.00	19.49	9.99	197.0	P / F	L / F
ICV	↓	↓	8:18	11	11	11	19.48	10.00	—	P / F	L / F
CCV	↓	↓	15:53	180510B	5/19	4.00	19.55	4.02	—	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 10 171.1, slope from 4 to 7 172.0 (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: 7/18

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: #2; 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						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: