



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Sugar Creek @ Suwannee River

Date: 05/17/18
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0047

WBID: 3389

Latitude: 30.3972838

(Decimal Degrees)

County: Hamilton

ORG ID: 21FLTLHR

Longitude: 82.9337386

(Decimal Degrees)

Receiving Body of Water: Suwannee River

RQ-2018-05-14-3

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
J. Burtchett M. Eckert						☒	☒	☒	☒	☒	☒ 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# Pro155				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	1335	0.3	0.15	0.3	8.29	97	7.55	0.06	135	23.0				
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		5A723330		8/21/18		☒ <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-btm

Field/WIN ID →

Location ↓



G1TLHR0047



SUGAR CREEK @ SUWANNEE RIV

Signature:

Date: 05/17/18

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:

Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					

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: ProDSS

RQ:

Project: SM3 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 3/17

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	5/17/18	753	22.0	8.74	8.75	100	-	1.07	☒ P / ☒ F	☒ F
ICV	↓	↓	463	21.3	8.86	8.83	100	-	-	☒ P / ☒ F	☒ F
CCV	↓	↓		21.1	7.95	7.91	100	-	-	☒ P / ☒ F	☒ 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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	5/17/18	755	180403A	04/19	1000	1000	☒ P / ☒ F	☒ F
ICV	↓	↓	805	2802833	01/20	100	101	☒ P / ☒ F	☒ F
CCV	↓	↓		180403A	04/19	1000	998	☒ P / ☒ F	☒ 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	5/17/18	757	171121A	06/19	7.0	7.0	-21.4	☒ P / ☒ F	☒ F
Calibr.	↓	↓	759	180116D	01/19	4.0	4.0	135.3	☒ P / ☒ F	☒ F
Calibr.	↓	↓	461	180221E	04/19	10.0	10.0	-176.4	☒ P / ☒ F	☒ F
ICV	↓	↓	807	180221E	04/19	10.0	10.0	-177.0	☒ P / ☒ F	☒ F
CCV	↓	↓		180116D	01/19	4.0	4.0	135.5	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 10 155.9 slope from 4 to 7 156.7 (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 3/17

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: