



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Sugar Creek @ Suwannee River

Date: 2-1-18
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0047

WBID: 3389

Latitude: 30.3972838

County: Hamilton

ORG ID: 21FLTLHR

Longitude: 82.9337386

Receiving Body of Water: Suwannee River

(Decimal Degrees)

RQ-2018- 01-08-21

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Paul Blair						✓		✓		
Jade Butchett							✓		✓	✓

Sampling Equipment			
☒ 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# EXO 3

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	11:55	0.2	0.1	0.2	11.52	102.0	7.5	0.07	154	10.0
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	7275010	10-2-18	☒ <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-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	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Place Preservative Sticker(s) Here (If Available)

Notes:

Field/WIN ID

Location

G1TLHR0047

SUGARCREEK@SUWANNEERIVER

Signature: Paul Blair

Date: 2-1-18

Enter Field Parameters, Verify Station ID in LIMS DMT: JB 2/2/18

QC Station ID, Field Parameters in LIMS DMT: PB 2-19-21

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 naep.

Meter ID: Exo 3

RQ- 2018-0

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	2/1/17	830	17.97	9.49	9.49	100	-	1.06	P/F	L/F
ICV	↓	↓	840	18.80	9.31	9.32	100	-	-	P/F	L/F
CCV	↓	↓	1310	16.8	9.71	9.80	101	-	-	P/F	L/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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	2/1/17	832	171121D	12/18	1000	1000	P/F	L/F
ICV	↓	↓	842	2710781	09/19	1000	101	P/F	L/F
CCV	↓	↓	1312	2710781	09/19	100	102	P/F	L/F
CCV				180116A	09/19	1000	1008	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	2/1/17	834	171121A	06/19	7.0	7.0	-21.9	P/F	L/F
Calibr.	↓	↓	836	180116D	01/19	4.0	4.0	152.3	P/F	L/F
Calibr.	↓	↓	838	171121B	06/19	10.0	10.0	-191.7	P/F	L/F
ICV	↓	↓	844	171121B	06/19	10.0	10.0	-194.9	P/F	L/F
CCV	↓	↓	1314	180116D	01/19	4.0	4.0	149.6	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 _____, slope from 4 to 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 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:

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last revised Jan 3, 2018

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8034

Location		☐ Comp		Collection (comp begin or grab)		☒ East		Composite end		Bottle			
Field ID		☒ Grab		Date		Time		Date		Time		Group(s)	
Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		(See pg 2)			
Location		Temp (C)		pH		Sample Depth		Sp. Conductance		A			
WIN/ST		10.0		7.5		0.1		154					
Latitude		☐ dd		☐ dms		Comments							
SUGARCREEK@SUWANNEERIVER		9.67											
Locator		☐ Comp		Collection (comp begin or grab)		☒ East		Composite end		Bottle			
Field/WIN ID		☒ Grab		Date		Time		Date		Time		Group(s)	
Location		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		A			
WIN/ST		Temp (C)		pH		Sample Depth		Sp. Conductance					
Latitude		13.6		7.3		0.1		138					
BETHEL CREEK@MILLCREEK RD		☐ dd		☐ dms		Comments							
Longitude		☐ dd		☐ dms									
Location		☐ Comp		Collection (comp begin or grab)		☐ East		Composite end		Bottle			
Field ID		☐ Grab		Date		Time		Date		Time		Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine					
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance					
WIN/ST		Salinity (ppt)		Comments		☐ ft		umho/cm					
Longitude		☐ dd		☐ dms									
Location		☐ Comp		Collection (comp begin or grab)		☐ East		Composite end		Bottle			
Field ID		☐ Grab		Date		Time		Date		Time		Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine					
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance					
WIN/ST		Salinity (ppt)		Comments		☐ ft		umho/cm					
Longitude		☐ dd		☐ dms									
Location		☐ Comp		Collection (comp begin or grab)		☐ East		Composite end		Bottle			
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Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance					
WIN/ST		Salinity (ppt)		Comments		☐ ft		umho/cm					
Longitude		☐ dd		☐ dms									
Location		☐ Comp		Collection (comp begin or grab)		☐ East		Composite end		Bottle			
Field ID		☐ Grab		Date		Time		Date		Time		Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine					
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance					
WIN/ST		Salinity (ppt)		Comments		☐ ft		umho/cm					
Longitude		☐ dd		☐ dms									
Location		☐ Comp		Collection (comp begin or grab)		☐ East		Composite end		Bottle			
Field ID		☐ Grab		Date		Time		Date		Time		Group(s)	
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Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance					
WIN/ST		Salinity (ppt)		Comments		☐ ft		umho/cm					
Longitude		☐ dd		☐ dms									
Location		☐ Comp		Collection (comp begin or grab)		☐ East		Composite end		Bottle			
Field ID		☐ Grab		Date		Time		Date		Time		Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine					
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance					
WIN/ST		Salinity (ppt)		Comments		☐ ft		umho/cm					
Longitude		☐ dd		☐ dms									
Location		☐ Comp		Collection (comp begin or grab)		☐ East		Composite end		Bottle			
Field ID		☐ Grab		Date		Time		Date		Time		Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine					
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance					
WIN/ST		Salinity (ppt)		Comments		☐ ft		umho/cm					
Longitude		☐ dd		☐ dms									
Location		☐ Comp		Collection (comp begin or grab)		☐ East		Composite end		Bottle			
Field ID													

Relinquished By: Blair/Burtchett	Date/Time 2-1-18 1425	Shipping Method hand delivered	Number of Coolers Shipped: 1	Received By: 	Date/Time 2-1-18 1425
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P-1L # of Bottles: 25 Preservative: ICE Enter Number of Bottles Sent to Lab 2

BP-1L # of Bottles: 25 Preservative: ICE Enter Number of Bottles Sent to Lab 2

OML-WO-THI # of Bottles: 25 Preservative: ICE Enter Number of Bottles Sent to Lab 2

P-500ML # of Bottles: 25 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 2

P-125ML # of Bottles: 25 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 2

QPCR-P-250ml

BG-12

#btl's

4

#btl's

2

R
AA