



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Sugar Creek @ Suwannee River

Date:

6-4-18
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0047

WBID: 3389

Latitude: 30.3972838

(Decimal Degrees)

County: Hamilton

ORG ID: 21FTLHR

Longitude: 82.9337386

(Decimal Degrees)

Receiving Body of Water: Suwannee River

RQ-2018- 05-14-54

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>Paul Blair</u> <u>Jon Woods</u>						☒	☒	☒	☒	☒	☒ 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: <u>Dry/ Pooled/ Low / Normal / High / Flooded</u>						Meter ID# <u>Y61 EXO 3</u>			Matrix: <u>Fresh</u> / Marine / DI						
Photos: <u>Yes / No</u>						Flow: <u>No Flow / Intestinal / Flowing / NA</u>			Tide: <u>Rising/ Falling/ Slack/ NA</u>			Tide Times: <u>High</u> <u>Low</u>			
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTth)	Sp COND (µmhos/cm)	Temp. (C°)					
EST	13:40	0.2	0.1	0.2	7.82	96.4	7.1	0.56	123	26.0					
CEN															
Biological Samples Collected: <u>None</u> <u>HA</u> <u>SCI</u> <u>RPS</u> <u>Algae ID</u> <u>LVS</u> <u>LVI</u> <u>Other:</u>															
SBIO ID Numbers: SBIO-ID: <u></u> HA-ID: <u></u> RPS-ID: <u></u> Macrophyte-ID: <u></u> LIMS#: <u></u>															
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		7841026	12-7-18	☒ <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-b															
Signature: <u>Paul Blair</u>										Date: <u>6-4-18</u>					
Field/WIN ID → <u>G1TLHR0047</u>										Location ↓ <u>SUGAR CREEK @ SUWANNEE RIV</u>					

Enter Field Parameters, Verify Station ID In LIMS DMT: CG 6-25-18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets CG 6-25-18

Migrate Data to WIN:

Verify Data In WIN:

kit A w/ bacteria

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Paul Blair

Project ID: SMP

Collected By: Blair/Woods

Sampling Agency: 8034

Locality	Field/WIN ID →	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field	Location ↓	Date 6-4-18 Time 11:35	Date	(See pg 2)
WIN/		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.54 mg/L Total Res. Chlorine % sat	A
Latitude		Temp (C) 30.3 pH 8.2	Sample Depth 0.3 ft Sp. Conductance (umho/cm) 145	
		Salinity (ppt) 0.07		
Locality	Field/WIN ID →	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field	Location ↓	Date 6-4-18 Time 12:15	Date	A
WIN/		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.89 mg/L Total Res. Chlorine % sat	
Latitude		Temp (C) 27.7 pH 7.0	Sample Depth 0.15 ft Sp. Conductance (umho/cm) 42	
		Salinity (ppt) 0.02		
Locality	Field/WIN ID →	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field	Location ↓	Date 6-4-18 Time 12:50	Date	A
WIN/		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.14 mg/L Total Res. Chlorine % sat	
Latitude		Temp (C) 25.3 pH 4.1	Sample Depth 0.15 ft Sp. Conductance (umho/cm) 74	
		Salinity (ppt) 0.03		
Locality	Field/WIN ID →	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field	Location ↓	Date 6-4-18 Time 13:40	Date	A
WIN/		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.82 mg/L Total Res. Chlorine % sat	
Latitude		Temp (C) 26.0 pH 7.1	Sample Depth 0.1 ft Sp. Conductance (umho/cm) 123	
		Salinity (ppt) 0.06		

Relinquished By: Blair/Woods	Date/Time 6-4-18 16:01	Shipping Method hand delivered	Number of Coolers Shipped:	Received By: [Signature]	Date/Time 6/4/18 4:03
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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: EXO 3

RQ:

Project: G1 SMP 1406

- 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 4/16

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.	Jon Woods	6/4/18	924	23.0	8.56	8.56	100	—	1.06	P / F	L / F
ICV	"	"	936	23.0	8.56	8.60	100	—	—	P / F	L / F
CCV	Paul Blair	"	16:15	26.3	8.07	8.18	101.8	—	—	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Jon Woods	6/4/18	926	180403A	04/2019	1000	1000	P / F	L / F
ICV	"	"	934	2802833	01/2020	100	100	P / F	L / F
CCV	Paul Blair	"	16:17	180403A	4-19	1000	1000	P / F	L / F
CCV	"	"	16:18	2802833	1-20	100	101	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.	Jon Woods	6/4/18	928	171121A	06/2019	7.0	7.0	-45.6	P / F	L / F
Calibr.	"	"	930	180116D	01/2019	4.0	4.0	132.1	P / F	L / F
Calibr.	"	"	931	180221E	09/2019	10.0	10.0	-211.5	P / F	L / F
ICV	"	"	933	"	"	10.0	10.0	-211.2	P / F	L / F
CCV	Paul Blair	6-4-18	16:20	180116D	1-19	4.0	4.0	122.4	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 10 165.9, slope from 4 to 7 177.7 (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 4/18

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: