



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Sugar Creek @ Suwannee River

Date:

4/23/2018

(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-

04-09-52

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Jessie Tolbert Jade Rutledge				☒	☒	☒	☒	☒	☒ 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# 651 Exo 3				Matrix: ☒ Fresh / Marine / DI				
Photos: Yes / ☒ No				Flow: No Flow / Intestinal ☒ 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	13:30	0.3	0.15	0.35	8.62	96.0	7.15	106	119	20.6		
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	734/1020	12/21/18	☒ <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	☒ 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 secchi visible on bottom												
Signature: [Signature]				Field/WIN ID →				Location ↓				
				G1TLHR0047								
				SUGAR CREEK @ SUWANNEE RIV								
Date: 4/23/2018												

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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Tolbert

Project ID: SMP

Collected By: Jessie Tolbert-Jade Butcher

Sampling Agency: 8034

Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location		Date	Time	Date	Time	(See pg 2)
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)	pH	ft	Sp. Conductance (umho/cm)	A
Location	dd	Salinity (ppt)	Comments				
Field ID	Collection (comp begin or grab)		Composite end				
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)	pH	ft	Sp. Conductance (umho/cm)	
Location	dd	Salinity (ppt)	Comments				
Field ID	Collection (comp begin or grab)		Composite end				
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)	pH	ft	Sp. Conductance (umho/cm)	
Location	dd	Salinity (ppt)	Comments				
Field ID	Collection (comp begin or grab)		Composite end				
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)	pH	ft	Sp. Conductance (umho/cm)	
Location	dd	Salinity (ppt)	Comments				
Field ID	Collection (comp begin or grab)		Composite end				
WIN/STORE #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)	pH	ft	Sp. Conductance (umho/cm)	
Location	dd	Salinity (ppt)	Comments				

Relinquished By: Tolbert, Butcher #	Date/Time: 4/23/2018 15:37	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 4/23/18	8440
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Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	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	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	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	1
	W-PO4-F						

kit A w/ bacteria

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: T. Beck

Project ID: SMP

Collected By: Jessie T. Beck, Lake BortchettSampling Agency: 8034

Location	Field/WIN ID →	Collection (comp begin or grab)	Comp Grab	Temp (C)	Salinity (ppt)	Comments	Collection Date	Time	Composite end	Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	☒				4/23/2018	11:30	Diss. Oxygen 8.26 Total Res. Chlorine % sat	A
WIN/STOI									Sample Depth 0.3 Sp. Conductance (umho/cm) 135	
Latitude										
Location	Field/WIN ID →	Collection (comp begin or grab)	Comp Grab	Temp (C)	Salinity (ppt)	Comments	Collection Date	Time	Composite end	Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	☒				4/23/2018	12:20	Diss. Oxygen 7.30 Total Res. Chlorine % sat	A
WIN/STOI									Sample Depth 0.15 Sp. Conductance (umho/cm) 62	
Latitude										
Location	Field/WIN ID →	Collection (comp begin or grab)	Comp Grab	Temp (C)	Salinity (ppt)	Comments	Collection Date	Time	Composite end	Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	☒				4/23/2018	13:00	Diss. Oxygen 6.51 Total Res. Chlorine % sat	A
WIN/STOI									Sample Depth 0.15 Sp. Conductance (umho/cm) 65	
Latitude										
Location	Field/WIN ID →	Collection (comp begin or grab)	Comp Grab	Temp (C)	Salinity (ppt)	Comments	Collection Date	Time	Composite end	Bottle Group(s)
Field ID	Location ↓	Matrix (type, e.g., Salt, Fresh, etc)	☒				4/23/2018	7:15	Diss. Oxygen 8.62 Total Res. Chlorine % sat	A
WIN/STOI									Sample Depth 1.15 Sp. Conductance (umho/cm) 19	
Latitude										

Relinquished By: <u>T. Beck, Lake Bortchett</u>	Date/Time: <u>4/23/2018 15:37</u>	Shipping Method: <u>HDX</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>[Signature]</u>	Date/Time: <u>4/23/18 1540</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	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	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	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	4
	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:

Exo3

RQ:

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. B. Burton	4/23/18	749	22.0	8.74	8.75	100	-	1.06	P/F	L/F
ICV	↓		750	21.0		8.91	100	-	-	P/F	L/F
CCV			15:42	26.1	8.10	8.17	100	-	-	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.	J. B. Burton	4/23/18	752	1801163	01/19	1000	1000	P/F	L/F
ICV	↓		802	2710781	09/19	100	96	P/F	L/F
CCV			1543	2710781	09/19	100	95	P/F	L/F
CCV			1545	1801163	01/19	1000	999	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. B. Burton	4/23/18	754	171121A	06/19	7.0	7.0	-41.6	P/F	L/F
Calibr.			756	K01161	01/19	4.0	4.0	136.0	P/F	L/F
Calibr.	↓		758	14022K	09/19	10.0	10.0	-202.8	P/F	L/F
ICV	↓		804	140221E	09/19	10.0	10.0	-204.0	P/F	L/F
CCV			1548	1801162	01/19	4.0	4.26	120	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 10 162.2, slope from 4 to 7 177.6 (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:

