



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Spring Creek @ US98

Date: 5/24/18
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0084

WBID: 3518

Latitude: 30.084354

(Decimal Degrees)

County: Taylor

ORG ID: 21FLTLHR

Longitude: 83.664309

(Decimal Degrees)

Receiving Body of Water: Fenholloway River

RQ-2018-05-14-41

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Jon Woods Julie Butcher					X	X	X	X	X	☒ 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# PCO 055					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	1035	0.5	0.25	0.5	5.95	68.0	7.40	0.15	31.6	22.0				
CEN				5										
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		6065071	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		☒ CHL-SUITE-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							
W-E8321-01 W-E8321-MS														

Notes: kit: A-b/t/m pH failed calibration check	Place Label Here
---	------------------

Signature: [Signature]	Date: 5/24/18
------------------------	---------------

Enter Field Parameters, Verify Station ID In LIMS DMT: [Signature] 5/29/18	QC Station ID, Field Parameters In LIMS DMT: [Signature]
Scan/Save Field Sheets [Signature]	Migrate Data to WIN: [Signature]
Verify Data In WIN: [Signature]	

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: Don Woods

Project ID: SMP

Collected By: Don Woods

Jade Bustchert

Sampling Agency: 8034

Location	Field/WIN ID	Collection (comp begin or grab)		Composite end	Bottle Group(s)
Field ID	Location	Matrix (type, e.g., Salt, Fresh etc)	Diss. Oxygen	Total Res. Chlorine	(See pg 2)
WIN/STOI	Sweetwater Branch @ Cody Church Rd	Temp (C) 21.9	pH 6.55	Sample Depth 0.1	A
Latitude	Longitude	Salinity (ppt) 0.02	Comments	Sp. Conductance (umho/cm) 43	
Location	Field/WIN ID	Collection (comp begin or grab)		Composite end	Bottle Group(s)
Field ID	Location	Matrix (type, e.g., Salt, Fresh etc)	Diss. Oxygen	Total Res. Chlorine	(See pg 2)
WIN/STORE1		Temp (C) 21.8	pH 4.83	Sample Depth 0.1	A
Latitude	Longitude	Salinity (ppt) 0.01	Comments	Sp. Conductance (umho/cm) 31	
Location	Field/WIN ID	Collection (comp begin or grab)		Composite end	Bottle Group(s)
Field ID	Location	Matrix (type, e.g., Salt, Fresh etc)	Diss. Oxygen	Total Res. Chlorine	(See pg 2)
WIN/STORE #	G1TLHRO0064	Temp (C) 22.0	pH 7.40	Sample Depth 0.25	A
Latitude	Longitude	Salinity (ppt) 0.15	Comments	Sp. Conductance (umho/cm) 318	
Location	Field/WIN ID	Collection (comp begin or grab)		Composite end	Bottle Group(s)
Field ID	Location	Matrix (type, e.g., Salt, Fresh etc)	Diss. Oxygen	Total Res. Chlorine	(See pg 2)
WIN/STORE #	G1TLHRO0002	Temp (C) 22.1	pH 4.47	Sample Depth 0.1	A
Latitude	Longitude	Salinity (ppt) 0.02	Comments	Sp. Conductance (umho/cm) 41	

Number of Coolers Shipped: 2

Shipping Method: HD

Date/Time: 5/24/18 1410

Relinquished By: JW

Received By: [Signature]

Date/Time: 5-24-18/1410

Group: A	Bottle Type:	P-1L	# of Bottles: 15	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: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLI-18QT						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	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: 15	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

H2SO4
LOT # S9695176
EXP: 03/26/19

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: D0055

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 4/17

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. Burkett	5/24/18	757	22.2	8.71	8.71	100	-	1.0	P / F	L / F
ICV		✓	807	21.6	8.81	8.82	100	-	-	P / F	L / F
CCV	Jon Woods	✓	1416	25.5	8.18	8.18	100	-	-	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; 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.	J. Burkett	5/24/18	759	180403A	04/19	1000	1000	P / F	L / F
ICV		✓	809	2802833	01/20	100	101	P / F	L / F
CCV	Jon Woods	✓	1420	2802833	1/20	100	100	P / F	L / F
CCV	//			180403A	4/19	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. Burkett	5/24/18	801	17121A	06/19	7.0	7.0	-20.5	P / F	L / F
Calibr.		✓	803	180116D	06/19	4.0	4.0	134.5	P / F	L / F
Calibr.		✓	805	180221E	09/19	10.0	10.0	-12.4	P / F	L / F
ICV		✓	811	180221E	09/19	10.0	10.0	-171.6	P / F	L / F
CCV	Jon Woods			180116D	06/19	4.0	4.8	89.2	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 1, slope from 4 to 7 1 (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 4/17

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: