



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Spring Creek @ US98

Date: 03/22/2018
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0084

WBID: 3518

Latitude: 30.084354

County: Taylor

ORG ID: 21FLTLHR

Longitude: 83.664309
(Decimal Degrees)

Receiving Body of Water: Fenholloway River

RQ-2018- 02-26-64
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burtchett J. Woods					☒	☒	☒	☒	☒	☒ Sample Container	☒ Van Dorn	☐ Pole		
										☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>Sonde</u>				
										Equipment ID # <u>11</u>				
										Collection Method				
										☐ Wading	☐ Canoe/Kayak			
										☒ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# <u>Exo 3</u>					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u>					Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: Rising/ Falling/ Slack/ <u>NA</u>				
Tide Times: High Low														
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	1115	0.3	0.15	0.3	655	68	7.44	0.16	334	17.48				
CEN				(3)										
Biological Samples Collected: <u>None</u> 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	SA7163030	6/12/18	☒ <2					
Metals	☒ W-ICPMS ☒ W-ICP					☐ Ice ☐ HNO3	NA7391010	12/7/18	☒ <2	NO				
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-CI-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								

Notes:
kit: A-b/t/m

Field/WIN ID

Location



G1TLHR0084



SPRING CREEK AT US98

Signature:

Date: 03/22/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

JTB 3/23/18

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Field Report Prepared By: J. Burtchett

Collected By: J. Woods, J. Burtchett

Sampling Agency: 8034

Location		Field/WIN ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Date 3/22/18 Time 11:15		Matrix (type, e.g., Salt, Fresh, etc)		Date		(See pg 2)	
WIN/STORE		Diss. Oxygen		Fresh		mg/L Total Res. Chlorine		A	
Latitude		Sample Depth 0.15		pH 7.44		ft Sp. Conductance (umho/cm)		334	
Location		Salinity (ppt) 0.16		Comments					
Field ID		Date 3/22/18 Time 11:30		Matrix (type, e.g., Salt, Fresh, etc)		Date		A	
WIN/STORE		Diss. Oxygen		Fresh		mg/L Total Res. Chlorine			
Latitude		Sample Depth 0.35		pH 7.55		ft Sp. Conductance (umho/cm)		282	
Location		Salinity (ppt) 0.13		Comments					
Field ID		Date 3/22/18 Time 14:05		Matrix (type, e.g., Salt, Fresh, etc)		Date		A	
WIN/STORE		Diss. Oxygen		Fresh		mg/L Total Res. Chlorine			
Latitude		Sample Depth 0.05		pH 6.91		ft Sp. Conductance (umho/cm)		42	
Location		Salinity (ppt) 0.02		Comments					
Field ID		Date 3/22/18 Time 14:05		Matrix (type, e.g., Salt, Fresh, etc)		Date		A	
WIN/STORE		Diss. Oxygen		Fresh		mg/L Total Res. Chlorine			
Latitude		Sample Depth 0.3		pH 5.21		ft Sp. Conductance (umho/cm)		28	
Location		Salinity (ppt) 0.01		Comments					

Relinquished By: SB, JW	Date/Time: 3/22/18:14:33	Shipping Method: HD	Number of Coolers Shipped: 2	Received By: SR	Date/Time: 3/22-18/2:36
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Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS	P-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: FCOLI-MF	P-120ML-OC	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 30	Preservative:	ICE	Enter Number of Bottles Sent to Lab	58
Group: A	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 15	Preservative: ICE And H2SO4	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 15	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4

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 naae.

Meter ID: Exo 3 RQ: Project:

- 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	3/22/18	803	20.0	9.09	9.10	100	-	1.05	P/F	L/F
ICV	↓	↓	813	20.2	9.06	9.08	100	-	-	P/F	L/F
CCV	↓	↓	1409	14.3	12.31	10.41	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	3/22/18	805	15016B	01/19	1000	1000	P/F	L/F
ICV	↓	↓	815	2710781	04/19	100	95	P/F	L/F
CCV	↓	↓	81411	2802833	01/19	100	96	P/F	L/F
CCV			1413	180116A	04/19	1000	997	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	3/22/18	807	171121A	06/19	7.0	7.0	-343	P/F	L/F
Calibr.	↓	↓	809	15016D	01/19	4.0	4.0	14570	P/F	L/F
Calibr.	↓	↓	811	171121B	06/19	10.0	10.0	-1980	P/F	L/F
ICV	↓	↓	817	171121B	06/19	10.0	10.0	-20170	P/F	L/F
CCV			1415			4.0	4.0	1468	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 10 163.7, slope from 4 to 7 180 (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: