



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

WIN Station Name: Woods Creek @ Osteen Rd

Date: 6/19/19
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0067

WBID: 3512

Latitude: 30.1141286

County: Taylor

ORG ID: 21FTLHR

Longitude: 83.6282066

Receiving Body of Water: Spring Creek

RQ: 2019-06-17-41
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
M. A. Eckles P. M. Blair					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# 154177					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 (umhos/cm)	Temp. (C°)				
EST	12:40	0.4	0.2	0.4	6.35	73.2	7.64	0.18	366.8	27.3				
CEN				(S)										
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	9129/00	5/9/20	☒ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um 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-BR-IC / 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-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD					☒ Ice								
Tracers	☒ W-E8321-DI ☐ W-E8321-MS					☒ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice								
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C													

Notes:

Field/WIN ID →

Location ↓



G1TLHR0067



WOODS CREEK @ OSTEEN RD

Signature:

Date: 6/19/19

LIMS EVENT ID:

WIN Import ID:

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
Project ID: SMP

Requester: Michael Eckles
Collected By: Eckles

Field Report Prepared By: M.A. Eckles
Sampling Agency: 803-11

Lo	Field/WIN ID →	Barcode	G1TLHR0084	Matrix (Type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Sample Depth	Diss. Oxygen	% sat	Total Res. Chlorine	Bottle Group(s)
WI	SPRING CREEK @ US98			Fresh	22.7	7.48	0.3	0.13		402.1	C
Latitude	dd dms	Longitude	dd dms	Salinity (ppt)	0.19	Comments					
Loca	Field/WIN ID →	Barcode <td>G1TLHR0067</td> <td>Matrix (Type, e.g., Salt, Fresh, etc)</td> <td>Temp (C)</td> <td>pH</td> <td>Sample Depth <td>Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td></td></td>	G1TLHR0067	Matrix (Type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Sample Depth <td>Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td></td>	Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td>	% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td>	Total Res. Chlorine <td>Bottle Group(s)</td>	Bottle Group(s)
Field	WOODS CREEK @ OSTEE RD			Fresh	22.3	7.64	0.2	0.35		366.8	B
WIN											
Latitude	dd dms	Longitude	dd dms	Salinity (ppt)	6.18	Comments					
Loc	Field/WIN ID →	Barcode <td>G1TLHR0041</td> <td>Matrix (Type, e.g., Salt, Fresh, etc)</td> <td>Temp (C)</td> <td>pH</td> <td>Sample Depth <td>Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td></td></td>	G1TLHR0041	Matrix (Type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Sample Depth <td>Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td></td>	Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td>	% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td>	Total Res. Chlorine <td>Bottle Group(s)</td>	Bottle Group(s)
Field	Moore Branch @ Cody Church Rd			Fresh	23.6	5.10	0.4	0.2		27.7	B
WIN											
Latitude	dd dms	Longitude	dd dms	Salinity (ppt)	0.01	Comments					
Location	Field/WIN ID →	Barcode <td>G1TLHR0040</td> <td>Matrix (Type, e.g., Salt, Fresh, etc)</td> <td>Temp (C)</td> <td>pH</td> <td>Sample Depth <td>Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td></td></td>	G1TLHR0040	Matrix (Type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Sample Depth <td>Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td></td>	Diss. Oxygen <td>% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td></td>	% sat <td>Total Res. Chlorine <td>Bottle Group(s)</td> </td>	Total Res. Chlorine <td>Bottle Group(s)</td>	Bottle Group(s)
Field ID	Sweetwater Branch @ Cody Church Rd			Fresh	24.1	6.45	0.3	0.43		44.2	B
WIN/STOR											
Latitude	dd dms	Longitude	dd dms	Salinity (ppt)	0.02	Comments					

Relinquished By: <u>Eckles</u>	Date/Time: <u>6/19/19</u>	Shipping Method: <u>FD</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>HK</u>	Date/Time: <u>6-19-19 / 15:05</u>
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Group: A	Bottle Type: ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: ENT-24-QT	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab

Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLL-18QT					
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	PCR-FILTER					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-E8321-DI					
	W-E8321-MS					
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4F					
Group: C	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: C	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab

Group: C	Bottle Type: P-250ML-WO-THI ECOLI-18QT	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: P-125ML W-PO4-F	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: P-1L ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: P-250ML-WO-THI ENT-24-QT	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: E	Bottle Type: P-1L ALKALINITY TURBIDITY W-BR-IC W-F	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab

Group: E	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
W-TSS				
Group: E	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
ENT-24-QT				
Group: E	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
PCR-FILTER				
Group: E	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab
W-ICP				
W-ICPMS				
Group: E	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
W-NH3				
W-NO2NO3				
W-S-A-TP				
W-TKN				
W-TOC				
Group: E	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F				

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: 154177

RQ: 2019-06-17-40

Project: SMP

- 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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	M.A. Eckles	6/19/19	8:10	21.6	753.3	8.8	99.4	8.81		0.775	P/F	L/F
ICV	M.A. Eckles	6/19/19	8:15	21.1	755.4	8.8	8.84	99.4			P/F	L/F
CCV	M.A. Eckles	6/19/19	15:00	21.3	755.1	8.8	8.81	99.5			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 (Pro DSS 0.75 to 1.50); 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.	M.A. Eckles	6/19/19	8:20	190405A	4/20	1000	1002	P/F	L/F
ICV	M.A. Eckles	6/19/19	8:25	2808889	7/20	100	101	P/F	L/F
CCV	M.A. Eckles	6/19/19	15:05	2808889	7/20	100	102	P/F	L/F
CCV	M.A. Eckles	6/19/19	15:10	1809270	10/19	500	502	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	M.A. Eckles	6/19/19	8:20	180621E	1/20	7.102	21.9	7.73	17.3	P/F	L/F
Calibr.	M.A. Eckles	6/19/19	8:25	1900405B	10/20	4.01	21.9	4.0	153.9	P/F	L/F
Calibr.	M.A. Eckles	6/19/19	8:40	180621F	1/20	10.103	21.8	10.04	178.5	P/F	L/F
ICV	M.A. Eckles	6/19/19	8:45	180621F	1/20	10.03	20.8	10.04	179.6	P/F	L/F
CCV	M.A. Eckles	6/19/19	15:15	1900405B	10/20	4.0	21.6	4.04	153.3	P/F	L/F
CCV									153.3	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 56.02, slope from 4 to 7 94.84 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: ; Date of last verification:

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	M.A. Eckles	6/19/19	8:50	0.00	0.00	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:

