FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Mearson Spring **Date:** 3/27/2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0025 **WBID:** 3422P **Latitude:** 30.04128 (Decimal Degrees)

County: Lafayette **ORG ID:** 21FLTLHR **Longitude:** 83.02511 (Decimal Degrees)

Receiving Body of Water: Suwannee River **RQ-2018-** 01-29-48

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jon Woods	X		X		
Jessie Tolbert	X	X		X	X

Sampling Equipment
- [X] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [X] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with
- Equipment ID

Collection Method
- [ ] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other [X] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** PCO 035 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1245	3.8	0.3	3.8	1.52	17.4	7.45	0.19	392	21.8
CEN	1250		3.3	S	1.44	16.5	7.37	0.19	392	21.6

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	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4	72330	4/21/16	[X] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice			
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
Physical/Aggregate (Fresh)	[X] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[X] 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			

Place Preservative Sticker(s) Here (If Available)

Notes:

A

Field/WIN ID → G1TLHR0025

Location → MEARSON SPRING

Signature: [signature] **Date:** 3/27/18

Enter Field Parameters, Verify Station ID In LIMS DMT: [signature] 4/23/16 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2018-01-29-48
kit A w/ bacteria Mearson

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC
Project ID: SMP

Requester: Chris Green
Collected By: Jon Woods Jessie Tolbert
Field Report Prepared By: J. Woods
Sampling Agency: 8034

Location: MEARSON SPRING	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/27/18 Time 1245	(Eastern) Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID: Field/WIN ID → G1TLHR0025	Matrix (type, e.g., Salt, (Fresh), etc)	Diss. Oxygen 1.52 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C) 21.8	pH 7.45	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 392	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.19	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Woods	3/27/18 1619	HD	1	[signature]	3/27/18 1620

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: YSI Pro DSS #1 RQ- Project: 22(A)802

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 3/18

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.	Jessie Tolbert	3-27-18	819	20.4	9.02	9.04	100	N/A	1.08	(P) F	(L) F
ICV	↓	↓	821	20.4	9.02	9.04	100	N/A	1.08	(P) F	(L) F
CCV	↓	↓	1524	23.8	8.45	8.52	100	N/A	1.08	(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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Jessie Tolbert	3-27-2018	825	B0116B	1/2019	1000	1000	(P) F	(L) F
ICV	↓	↓	827	2710781	9/2019	100	95	(P) F	(L) F
CCV	↓	↓	1530	170630L	7/2018	50,000	47,500	(P) F	L/(F)
CCV								P/F	L/F

Conductivity Acceptance criteria ± 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.	Jessie Tolbert	3-27-2018	828	171121A	6/2019	7.0	7.0	-3.1	(P) F	(L) F
Calibr.	↓	↓	831	180160	1/2019	4.0	4.0	168	(P) F	(L) F
Calibr.			832	180221E	9/2019	10.0	10.0	-169	(P) F	(L) F
ICV			833	180221E	9/2019	10.0	10.0	-169	(P) F	(L) F
CCV	↓	↓	1531	180221L	3/2019	4.0	4.0	165	(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 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 166, slope from 4 to 7 171 (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

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 ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: