FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Ellaville Spring **Date:** 11/01/2018 (mm/dd/yyyy)

WIN/ Field ID: G1TLHR0027 **WBID:** 3422Q **Latitude:** 30.38437 (Decimal Degrees)

County: Suwannee **ORG ID:** 21FLTLHR **Longitude:** 83.17249 (Decimal Degrees)

Receiving Body of Water: Suwannee River **RQ-2018-** 10-08-14

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burtchett	✓		✓		
J. Woods		✓		✓	✓

Sampling Equipment
- ☑ 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 / 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	1235	2.4	0.3	2.4 (S)	0.51	5.7	7.26	0.21	435	21.3
CEN			1.9		0.59	6.8	7.29	0.21	435	21.3

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 ☑ H_2SO_4	SA8197090	7/16/19	☑ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <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	☐ 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:

Kit A only no Bacteria

Field/WIN ID → G1TLHR0027

Location → ELLAVILLE SPRING

Signature: [signature] **Date:** 11/1/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 11/9/18 (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)

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- 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.

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 9/18

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.	J.Burtcheh	11/1/18	758	26.0	755.4	9.03	9.03	99.4	-	0.99	(P) / F	(L) / F
ICV	↓	↓	808	26.0	755.1	9.03	9.01	99.0	-	-	(P) / F	(L) / F
CCV	↓	↓	1440	21.8	753.5	8.72	8.73	99.5	-	—	(P) / F	(L) / F
CCV						8.72					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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J.Burtcheh	11/1/18	800	180621C	07/19	1000	1000	(P) / F	(L) / F
ICV	↓	↓	810	180551	05/20	100	102	(P) / F	(L) / F
CCV	↓	↓	1442	180551	05/20	100	102	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J.Burtcheh	11/1/18	802	180621C	01/20	7.01	19.9	7.02	-27.1	(P) / F	(L) / F
Calibr.	↓	↓	804	180510B	05/19	4.00	19.3	4.00	178.7	(P) / F	(L) / F
Calibr.	↓	↓	806	180403D	10/19	10.06	19.7	10.06	-187.0	(P) / F	(L) / F
ICV	↓	↓	812	180403D	10/19	10.06	20.4	10.03	-178.9	(P) / F	(L) / F
CCV	↓	↓	1444	180510B	05/19	4.01	19.6	4.02	145.2	(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 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 159.9, slope from 4 to 7 175.6 (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: 9/18
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	J.Burtcheh	11/1/18	756	0.00	0.00	(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:

Request Number: RQ-2018-10-08-14
G1 Run 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC
Project ID: SMP

Requester: Michael Eckles
Collected By: J. Woods J Burtchett
Field Report Prepared By: J. Burtchett
Sampling Agency: 8034

Location / Field ID / WIN/STO / Latitude	Collection	Field Data	Bottle Group(s) (See pg 2)
Field/WIN ID → G1TLHR0027; Location ↓ ELLAVILLE SPRING; ☐ dms; ☐ dd ☐ dms	☐ Comp ☑ Grab; Collection (comp begin or grab) Date 11/1/18 Time 1235 (Eastern) Central; Composite end Date — Time —	Matrix (type, e.g., Salt, Fresh, etc): Fresh; Diss. Oxygen 0.51 ☑ mg/L ☐ % sat; Total Res. Chlorine (mg/L) —; Temp (C) 21.3; pH 7.26; Sample Depth 0.3 ☐ ft ☑ m; Sp. Conductance (umho/cm) 435; Salinity (ppt) 0.21; Comments	A
Location; Field ID; WIN/STORET #; Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab; Collection (comp begin or grab) Date Time Eastern Central; Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc); Diss. Oxygen ☐ mg/L ☐ % sat; Total Res. Chlorine (mg/L); Temp (C); pH; Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm); Salinity (ppt); Comments	
Location; Field ID; WIN/STORET #; Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab; Collection (comp begin or grab) Date Time Eastern Central; Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc); Diss. Oxygen ☐ mg/L ☐ % sat; Total Res. Chlorine (mg/L); Temp (C); pH; Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm); Salinity (ppt); Comments	
Location; Field ID; WIN/STORET #; Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab; Collection (comp begin or grab) Date Time Eastern Central; Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc); Diss. Oxygen ☐ mg/L ☐ % sat; Total Res. Chlorine (mg/L); Temp (C); pH; Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm); Salinity (ppt); Comments	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, JW	11/1/18: 1424	HD	1	KK	11.1.18 @ 2:29

Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				SA8197090 7/16/19		
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						