



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Ellaville Spring

Date: 10/02/2018
(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-2018-06-18-50

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Ben Harden Jon Woods				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☐ Syringe	☐ Dipper	☐ Other
Depth Measured with								Equipment ID 153484				
									Collection Method			
☐ Wading				☐ Canoe/Kayak								
☒ From Shore				☐ Electric Motor								
☐ Other				☐ Gasoline Motor								
Water Level: Dry / Pooled / Low / Normal / High / Flooded				Meter ID# 153484				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	1355	2.50	0.3	2.55	0.26	3.0	7.22	0.21	444.8	21.4		
CEN	1358		2.0		0.32	3.6	7.22	0.21	444.8	21.4		
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	SABP7090	07/2019	☒ <2				
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3	NA200070	03/2019	☒ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice	BH	BH	BH				
Chlorophyll	☒ CHLSUITE-W				☒ Ice	H2S04 LOT# SAB197090 EXP: 07/16/2019 (s) Here (If Available)						
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-S04-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 only no Bacteria

Field/WIN ID →

Location ↓



G1TLHR0027



ELLAVILLE SPRING

Signature:

Date: 10/2/2018

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:

Run 2

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: Ben Harden

Project ID: SMP

Collected By: San Woods

Sampling Agency: 8034

Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Location ↓		Date 10/2/2018 Time 1400		Date		(See pg 2)	
Latitude		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Longitude		Temp (C) 21.4		pH 7.22		Sample Depth 0.26	
dd dms		Salinity (ppt) 0.21		Comments		Sp. Conductance (umho/cm) 444.8	
dd dms		dd dms		Comments		A	
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Date		Date		Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude		Temp (C)		pH		Sample Depth	
Longitude		Salinity (ppt)		Comments		ft m	
dd dms		dd dms		Comments		ft m	
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Date		Date		Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude		Temp (C)		pH		Sample Depth	
Longitude		Salinity (ppt)		Comments		ft m	
dd dms		dd dms		Comments		ft m	
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Date		Date		Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude		Temp (C)		pH		Sample Depth	
Longitude		Salinity (ppt)		Comments		ft m	
dd dms		dd dms		Comments		ft m	
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Date		Date		Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude		Temp (C)		pH		Sample Depth	
Longitude		Salinity (ppt)		Comments		ft m	
dd dms		dd dms		Comments		ft m	

Relinquished By: 502	Date/Time: 10/3/18	Shipping Method: H/D	Number of Coolers Shipped: 1	Received By: J.D.	Date/Time: 10/3/18 8:18
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Group: A	Bottle Type:	P-1L	# of Bottles: 9	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: A	Bottle Type:	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ECOLL-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
							H2SO4 LOT# S06197090 Exp: 07/16/2019
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	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: 153484

RQ:

Project: 22 ST/CT/1610

- 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 9/10/18

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.	Ben Harden	10/2/18	753	20.9	760.1	8.8	8.8	100%		1.021	P/F	D/F
ICV	"	"	753	20.7	"	8.97	8.85	98.8%			P/F	D/F
CCV	"	"	1610	26.1	762.1	8.10	8.01	98.9%			P/F	D/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.	Ben Harden	10/2/18	0800	180621C	7/19	1000	1000	P/F	D/F
ICV	"	"	0802	1805F81	5/20	100	104.6	P/F	D/F
CCV	"	"	1611	180326B	4/19	1000	998	P/F	L/F
CCV								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.	Ben Harden	10/2/18	0805	180621E	1/20	7.07	21.3	7.01	5.9	P/F	D/F
Calibr.	"	"	0810	180510R	5/19	4.01	21.5	4.00	170.0	P/F	D/F
Calibr.	"	"	0815	180403D	10/19	10.05	21.5	10.04	167.9	P/F	D/F
ICV	"	"	0812	"	"	10.05	21.5	10.04	167.8	P/F	D/F
CCV	"	"	1612	180326C	4/19	4.02	30.2	4.00	170.1	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 10 162, slope from 4 to 7 175.9 (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: 9/10/18

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	Ben Harden	10/2/18	0825	0.270	0.271	P/F	D/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

