FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / (No)

WIN Station Name: Unnamed Branch @ Power Line Bridge

Date: 11/20/2018 (mm/dd/yyyy)

WIN/ Field ID: G2TLHR0040 **WBID:** 464 **Latitude:** 30.6575 (Decimal Degrees)

County: Gadsden **ORG ID:** 21FLTLHR **Longitude:** 84.7143 (Decimal Degrees)

Receiving Body of Water: South Mosquito Creek **RQ-2018-** ~~10-29-72~~ 10-09-17

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Paul Blair		X		X	X
Blake Spencer	X		X		

Sampling Equipment

- [x] Sample Container ☐ Van Dorn ☐ Pole
- ☐ Carboy [x] Syringe
- ☐ Dipper ☐ Other
- Depth Measured with: YSI (Biology #2)
- Equipment ID:

Collection Method

- [x] Wading ☐ Canoe/Kayak
- ☐ From Shore ☐ Electric Motor
- ☐ Other ☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** Biology #2 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High NA Low NA

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	1355	0.3	0.15	VOB	8.86	94.7	5.65	0.02	42	18.54
CEN										

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	SA8274050	10/1/19	[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	[x] E Coli ☐ F Coli ☐ Enterococci	[x] 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 Preserva[tive label here]

Contains: 1:1 H2SO4
Lot No : SA8274050
Expires 10/01/19
See Safety Data Sheet (SDS)

SULFURIC ACID <51% — DANGER — Contains: 1:1 H2SO4 — THERMO FISHER SCIENTIFIC

Notes:
kit: A-b
give heads-up Ray Stiff 904 318-3136

Field/WIN ID → G2TLHR0040

Location ↓

Unnamed Branch @ Power Line Bridge

Signature: [signature] **Date:** 11/20/18

Enter Field Parameters, Verify Station ID In LIMS DMT: ~~[initials]~~ 11/21/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: PB 11-30-18 (Initials/Date)

Scan/Save Field Sheets: CG 12-14-18 (Initials/Date) Migrate Data to WIN: ______ (Initials/Date) Verify Data In WIN: ______ (Initials/Date)

Request Number: RQ-2018-10-08-17
G1 Run 4

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: Paul Blair
Field Report Prepared By: Blake Spencer
Sampling Agency: 8034

Location / Field ID / WIN/STORET	Collection (comp begin or grab)	Composite end	Bottle Group(s) (See pg 2)
Field/WIN ID → G2TLHR0040; Location ↓ Unnamed Branch @ Power Line Bridge	☐ Comp ☑ Grab; Date 11/20/18; Time 1355; (Eastern) circled / Central	Date; Time	A
Latitude ☑ dd ☐ dms; Longitude ☑ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 94.7 ☐ mg/L ☑ % sat; Total Res. Chlorine (mg/L): —	
	Temp (C): 18.54; pH: 5.65	Sample Depth 0.15 ☐ ft ☐ m; Sp. Conductance (umho/cm): 42	
	Salinity (ppt): 0.02; Comments:		
Location; Field ID; WIN/STORET #; Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab; Date; Time; Eastern / Central; Matrix; Temp (C); pH; Salinity (ppt); Comments	Date; Time; Diss. Oxygen ☐ mg/L ☐ % sat; Total Res. Chlorine (mg/L); Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm)	Bottle Group(s)
Location; Field ID; WIN/STORET #; Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab; Date; Time; Eastern / Central; Matrix; Temp (C); pH; Salinity (ppt); Comments	Date; Time; Diss. Oxygen ☐ mg/L ☐ % sat; Total Res. Chlorine (mg/L); Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm)	Bottle Group(s)
Location; Field ID; WIN/STORET #; Latitude ☐ dd ☐ dms; Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab; Date; Time; Eastern / Central; Matrix; Temp (C); pH; Salinity (ppt); Comments	Date; Time; Diss. Oxygen ☐ mg/L ☐ % sat; Total Res. Chlorine (mg/L); Sample Depth ☐ ft ☐ m; Sp. Conductance (umho/cm)	Bottle Group(s)

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Paul Blair	11-20-18 16:46			KK	11-20-18 @ 16:50

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: Biology #2 RQ- 2018-09-10-63, 2018-10-29-92, 2018-10-08-17, 2018-10-08-19 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.

Circle/Fill In: (Lab Calibration) or Calibration/Verification on Site ~~6/26/18~~

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 6/26/18

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.	Blake Spencer	~~11/20/18~~ 11/20/18	0905	20.42	9.021	9.02	100	71.7	—	(P) / F	(L) / F
ICV	Blake Spencer	11/20/18	0907	20.41	9.021	9.02	100	71.7	—	(P) / F	(L) / F
CCV	Blake Spencer	11/20/18	1650	20.50	9.003	9.03	100.3	64.5	—	(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; 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.	Blake Spencer	11/20/18	913	180621C	07/2019	1000	1000	(P) F	(L) F
ICV	Blake Spencer	11/20/18	0914	180621C	07/2019	1000	1001	(P) F	(L) F
CCV	Blake Spencer	11/20/18	1654	1905F81	05/2020	100	103	(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.	Blake Spencer	11/20/18	0919	180621E	01/2020	7.0	7.0	-6.5	(P) F	(L) F
Calibr.	Blake Spencer	11/20/18	0922	180621B	07/2019	4.0	4.0	167.0	(P) F	(L) F
Calibr.	Blake Spencer	11/20/18	0926	1804038	10/2019	10.0	9.96	-167.4	(P) F	(L) F
ICV	Blake Spencer	11/20/18	0927	1804038	10/2019	10.0	9.96	-167.4	(P) F	(L) F
CCV	Blake Spencer	11/20/18	1655	180621D	07/2019	4.0	3.95	167.9	(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 _____, slope from 4 to 7 _____ (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	Blake Spencer	11/20/18	0929	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: