FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Mosquito Creek @ Jinks Crossing Rd **Date:** 12/19/2018 (mm/dd/yyyy)

WIN/ Field ID: G2TLHR0092 **WBID:** 376A **Latitude:** 30.7027 (Decimal Degrees)

County: Gadsden **ORG ID:** 21FLTLHR **Longitude:** 84.8263 (Decimal Degrees)

Receiving Body of Water: Apalachicola River **RQ-2018-** 12-10-48

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burtcreth					
B. Harder					

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
- [x] Other bridge [ ] 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)	1120	2.5	0.3	0.4	9.33	97.8	6.82	0.02	52	12.6
CEN	1123		2.0		9.35	98.0	6.81	0.02	50	12.6

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 [ ] H_2SO_4	SA8274040	10/1/19	[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3	NA8197030	7/16/19	[ ] <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-E8321-DI [ ] [ ] W-E8321-MS	[ ] 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:C-b/t/m

Field/WIN ID → G2TLHR0092

Location → Mosquito Creek @ Jinks Crossing Rd

Signature: [signature] **Date:** 12/19/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 12/20/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets JB 12/20/18 (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: 21ST1812

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 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.	B Harden	12/19/18	0746	19.9	758.6	9.11	9.11	99.9	–	0.99/48	P / F	L / F
ICV	"	"	0809	19.9	758.7	9.11	9.12	100.1	–	–	P / F	L / F
CCV	J. Burchett		1610 1615	16.3	757.6	9.81	~~10.7~~ 9.94	101.3	–	–	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	B Harden	12/19/18	0748	180621C	07/19	1000	1000	P / F	L / F
ICV	"	"	0750	180SF81	05/20	100	100.9	P / F	L / F
CCV		↓	1612	180SF81	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.	B Harden	12/19/18	0753	180621E	01/20	7.03	18.7	7.03	-37.9	P / F	L / F
Calibr.	"	"	0756	180621D	07/19	4.00	17.8	4.00	177.2	P / F	L / F
Calibr.	"	"	0804	180403D	10/19	10.09	17.9	10.09	-194.1	P / F	L / F
ICV	"	"	0806	"	"	10.06	18.9	10.08	-194.6	P / F	L / F
CCV	J Burchett	↓	1614	180621D	07/19	4.00	21.2	~~4.00~~ 3.96	144.6	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)

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: 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	B Harden	12/19/18	0812	~~0.27~~ 0.27	0.27	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:

Form effective August 1, 2018

Request Number: RQ-2018-12-10-48

G2 Run 5

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. Burtlett, B. Harder

Field Report Prepared By: J. Burtlett

Sampling Agency: 8034

Location: Field/WIN ID → G2TLHR0092; Location ↓: Mosquito Creek @ Jinks Crossing Rd	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 12/19/18 Time 1120	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2): B						
Field ID:	Matrix (type, e.g., Salt, Fresh, etc): Fresh			Diss. Oxygen: 9.33 ☐ mg/L ☑ % sat	Total Res. Chlorine (mg/L): —						
WIN/STORET #:	Temp (C): 12.6	pH: 6.82		Sample Depth: 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm): 52						
Latitude: ☐ dd ☐ dms	Salinity (ppt): 0.02	Comments:									
Location: Field/WIN ID → G2TLHR0015; Location ↓: MOSQUITO CREEK @ SR269	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 12/19/18 Time 1200	Eastern Central	Composite end Date — Time —	Bottle Group(s): B						
Field ID:	Matrix (type, e.g., Salt, Fresh, etc): Fresh			Diss. Oxygen: 9.41 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L): —						
WIN/STORET #:	Temp (C): 12.9	pH: 6.96		Sample Depth: 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm): 39						
Latitude: ☐ dms ☐ dd ☑ dms	Salinity (ppt): 0.02	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
JB, BH	12/19/18: 1603	HD	1		12/19/18 1604

Group: A	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: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ECOLI-18QT						
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOLI-18QT						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI						
	W-E8321-MS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP				NA8197080		
	W-ICPMS				10/1/19		
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3				SA8274050		
	W-NO2NO3				7/16/19		
	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	2
	W-PO4-F						