FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Fort Gadsden Creek **Date:** 9-27-2018 (mm/dd/yyyy)

WIN/ Field ID: G2TLHR0012 **WBID:** 1240 **Latitude:** 29.9165994 (Decimal Degrees)

County: Franklin **ORG ID:** 21FLTLHR **Longitude:** 84.9815394 (Decimal Degrees)

Receiving Body of Water: Apalachicola River **RQ-2018-** 05-14-54

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Chris Green	✓	✓	✓		
Paul Blair		✓		✓	✓

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with
- 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#** 12 YSI 600XLM **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)	13:25	0.6	0.3	0.3	4.34	52.1	4.44	0.01	33	22.38
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	SA8197090	7/16/19	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[ ] Ice			
Chlorophyll	[x] CHLSUITE-W	[ ] Ice			
Physical/Aggregate (Fresh)	[x] 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	[x] 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-b

Field/WIN ID → G2TLHR0012

Location → Fort Gadsden Creek near SR65

Signature: **Date:** 9-27-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: CG 10-8-18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets CG 10-8-18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2018-~~04-09-52~~ 05-14-54 CC

kit A w/ bacteria

last revised Jan 25, 2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Chris Green / Paul Bait

Field Report Prepared By: C. Green

Sampling Agency: 8034

Location: Fort Gadsden Creek near SR65	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9-27-2018 Time 13:25	(Eastern) Central	Composite end Date — Time —		Bottle Group(s) (See pg 2): A
Field/WIN ID: G2TLHR0012	Matrix (type, e.g., Salt, (Fresh), etc)		Diss. Oxygen 4.34 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —		
WIN/STORET #	Temp (C) 22.38	pH 4.44	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 33		
Latitude ☐ dd ☐ dms	Salinity (ppt) 0.01	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
C. Green	9-27-2018 / 15:30	Hand		[signature]	9/27/18 1533

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: 12 YSI 600 XLM 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.	Chris Green	9-27-18	7:30	19.05	759.1	9.27	9.26	99.9	45.1	0.83	(P) / F	(L) / F
ICV			7:50	19.50	—	9.16	9.18	99.9	—	—	(P) / F	(L) / F
CCV			16:05	19.06		9.25	9.27	99.7	—	—	(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.	Chris Green	9.27-18	7:35	180403A	04/19	1000	1000	(P) / F	(L) / F
ICV			7:48	2802833	01/20	100	101	(P) / F	(L) / F
CCV			16:02	180403A	04/19	1000	996	(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.	Chris Green	9-27-18	7:38	1806211E	01/20	7.00	19.16	7.00	-38.4	(P) / F	(L) / F
Calibr.			7:41	1805101B	05/19	4.00	19.34	4.00	135.2	(P) / F	(L) / F
Calibr.			7:44	180403D	10/19	10.00	19.70	~~10.00~~ 9.96 -197.9		(P) / F	(L) / F
ICV			7:46	11	11	11	19.67	9.96	—	(P) / F	(L) / F
CCV			16:00	1805101B	05/19	4:00	19.84	4.03	—	(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 10 154.5, slope from 4 to 7 173.6 (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: ~~1/1~~ 9/18 CC
If NO, what will be used? (circle one) ~~Secchi Disk Line~~ / (Sonar) Unique ID: 2; Date of last verification: ~~10/18~~ 9/18 CC

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: