



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Fort Gadsden Creek

Date: 04/17/18
(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-2018-04-09-52

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Butcher H											☒ Sample Container	☐ Van Dorn	☐ Pole		
J. Woods											☐ 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# 6x03			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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)					
EST	1240	0.6	0.3	0.6	3.20	34	6.20	0.02	55	18.74					
CEN				⑤											
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		SA728506	10/2/18	☒ <2				
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <2				
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice								
Chlorophyll		☒ CHLSUTE-W					☒ Ice								
Physical/Aggregate (Fresh)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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					☐ Ice								
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other								
Notes: Kit: A-b															
Place Label Here															

Signature: [Signature]

Date: 04/17/18

Enter Field Parameters, Verify Station ID in LIMS DMT: JB 4/24/18

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

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 name.

Meter ID: E-113

RQ: 2018

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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 12/17

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.	J. Burtchett	4/17/18	756	26.2	9.06	9.05	100	-	1.05	☒ P / ☒ F	☒ D / ☒ F
ICV	↓	↓	806	18.7	9.33	9.33	100	-	-	☒ P / ☒ F	☒ L / ☒ F
CCV	↓	↓	1614	26.5	8.04	8.02	100	-	-	☒ 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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	4/17/18	758	180116B	01/19	1000	1000	☒ P / ☒ F	☒ L / ☒ F
ICV	↓	↓	808	270781	09/19	100	96	☒ P / ☒ F	☒ L / ☒ F
CCV	↓	↓	1616	270781	09/19	100	95	☒ P / ☒ F	☒ L / ☒ F
CCV			1618	180116B	01/19	1000	992	☒ 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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	4/17/18	800	171121A	06/19	7.0	7.0	-40.6	☒ P / ☒ F	☒ L / ☒ F
Calibr.	↓	↓	802	180116D	01/19	4.0	4.0	142.7	☒ P / ☒ F	☒ L / ☒ F
Calibr.	↓	↓	804	180221B	09/19	10.0	10.0	-20.9	☒ P / ☒ F	☒ L / ☒ F
ICV	↓	↓	810	180221B	09/19	10.0	10.0	-22.3	☒ P / ☒ F	☒ L / ☒ F
CCV	↓	↓	1620	180116D	01/19	4.0	4.0	144.0	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 10 161.5, slope from 4 to 7 183.3 (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 12/17

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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

kit A w/ bacteria

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Bortchett

Project ID: SMP

Collected By: J. Woods, J. Bortchett

Sampling Agency: 8034

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/17/18 Time 1035		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field	Field/WIN ID →	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.90		☒ mg/L ☐ % sat		Total Res. Chlorine —	
Win	Location →	Temp (C) 17.85		pH 7.60		Sample Depth 0.3		Sp. Conductance (umho/cm) 174	
Lat		Salinity (ppt) 0.08		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/17/18 Time 1240		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.20		☒ mg/L ☐ % sat		Total Res. Chlorine —	
WIN/STORET #	G2TLHR0012	Temp (C) 18.74		pH 6.20		Sample Depth 0.3		Sp. Conductance (umho/cm) 55	
Latitude	Longitude	Salinity (ppt) 0.02		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/17/18 Time 1410		Composite end Date Time		Bottle Group(s)	
Field ID	Field/WIN ID →	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.47		☒ mg/L ☐ % sat		Total Res. Chlorine —	
WIN/STORET #	Location →	Temp (C) 19.70		pH 7.22		Sample Depth 0.3		Sp. Conductance (umho/cm) 128	
Latitude		Salinity (ppt) 0.06		Comments					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine	
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude	Longitude	Salinity (ppt)		Comments					

Relinquished By: JB, JW	Date/Time: 4/17/18:1604	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: J. Bortchett	Date/Time: 4/17/18 4:08
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Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	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: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					