



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?
Yes / No

January 2018

WIN Station Name: Mosquito Creek @ Jinks Crossing Rd

Date: 10-04-2018
(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- 09-10-65

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Chris Green						✓	✓	✓	✓	✓
Jadecc Mike Eckles						✓	✓	✓	✓	✓

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ 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 / <u>Normal</u> / High / Flooded						Meter ID# 12 YSE 600 XLM		Matrix: <u>Fresh</u> / Marine / DI		
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / 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	12:15	0.4	0.2	0.45	7.91	91.7	6.77	0.03	69	22.75
CEN										

Biological Samples Collected: <u>None</u> 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 ☐ H ₂ SO ₄	8101020	4-11-19	☒ <2		
Metals	☒ W-ICPMS ☒ W-ICP					☒ Ice ☐ HNO ₃	8099110	4-19-19	☐ <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					

Notes:
kit: C-b/t/m

Field/WIN ID →



G2TLHR0092

Location ↓

Mosquito Creek @ Jinks Crossing Rd

Signature: Ch-3

Date:

10-04-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: Ch 10-15-18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Ch 10-15-18
(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 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	10-4-18	8:30	18.32	760.1	9.40	9.41	100.0	63.5	0.79	P / F	L / F
ICV			8:50	18.49	—	9.37	9.42	100.1	—	—	P / F	L / F
CCV			16:05	23.84	—		8.39	98.9	—	—	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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Chris Green	10-4-18	8:35	180621C	07/19	1000	1000	P / F	L / F
ICV			8:48	2802833	10/20	100	102	P / F	L / F
CCV			16:02	"	"	"	99	P / F	L / F
CCV			16:04	180621C	07/19	1000	1005	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.	Chris Green	10-4-18	8:38	180621E	01/20	7.00	18.93	6.99	-30.5	P / F	L / F
Calibr.			8:41	180510B	05/19	4.00	19.03	3.99	143.6	P / F	L / F
Calibr.			8:44	180403D	10/19	10.00	18.90	9.95	188.7	P / F	L / F
ICV			8:46	"	"	10.00	18.92	9.98	—	P / F	L / F
CCV			16:00	180510B	05/19	4.00	18.89	4.02	—	P / F	L / F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 50;

If mV are recorded: slope from 7 to 10 158.2, slope from 4 to 7 174.1 (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:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 2; Date of last verification: 9/18

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:

G2 Run 5

Requester: Michael Eckles

Project ID: SMP

Requester: Michael Eckles
Collected By: Chris Green / Mike Eckles

Field Report Prepared By:

Sampling Agency:

Relinquished By: <i>Chris Green</i>	Date/Time <i>10-04-18</i>	Shipping Method <i>Hand</i>	Number of Coolers Shipped:	Received By: 	Date/Time <i>10/4/18</i>	<i>455</i>
<i>14:00</i>						

Group: C	Bottle Type: W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-CT-Cl-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-NH3 W-NO2NO3	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	