



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Mosquito Creek @ SR269

Date: 8-21-2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0015

WBID: 376A

Latitude: 30.6886088

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.8415925

(Decimal Degrees)

Receiving Body of Water: Apalachicola River

RQ-2018-08-20-58

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment												
Chris Green Paul Blair						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole										
											☐ Carboy	☒ Syringe											
											☐ Dipper	☐ Other											
Depth Measured with						Equipment ID						Collection Method											
Scatchi						#2						☒ Wading	☐ Canoe/Kayak										
												☐ From Shore	☐ Electric Motor										
												☐ Other	☐ Gasoline Motor										
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# YSI 600 XLM #12						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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)													
EST	11:00	0.5	0.25	0.1	7.66	87.4	6.63	0.02	50	22.05													
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		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP				☒ Ice ☐ H2SO4		SA8085170		3/26/19		☒ <2											
Metals		☒ W-ICPMS ☐ W-ICP				☒ Ice ☐ HNO3		NA809110		4/9/19		☒ <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-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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Ice ☐ Other																	

Notes:
kit: C-b/t/m

Tracers: W-8321-DI, W-E8321-MS

Field/WIN ID →

Location ↓



G2TLHR0015



MOSQUITO CREEK @ SR269

Signature: Chris

Date: 8-21-18

Enter Field Parameters, Verify Station ID In LIMS DMT:

CL 8/23/18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

CL 8-23-18

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: C. Green

Project ID: SMP

Collected By: Chris GreenSampling Agency: 8034

Location		Field/WIN ID →		G2TLHR0002		Field Report Prepared By: <u>C. Green</u>		Sampling Agency: <u>8034</u>		Bottle Group(s) (See pg 2)	
WIN/STC		Location ↓		Lake Seminole 200m from boat ramp @ River Rd		Requester: Michael Eckles		Field Report Prepared By: <u>C. Green</u>		Bottle Group(s) (See pg 2)	
Latitude						Requester: Michael Eckles		Field Report Prepared By: <u>C. Green</u>		Bottle Group(s) (See pg 2)	
Location		Field/WIN ID →		G2TLHR00015		Requester: Michael Eckles		Field Report Prepared By: <u>C. Green</u>		Bottle Group(s) (See pg 2)	
WIN/STC		Location ↓		MOSQUITO CREEK @ SR269		Requester: Michael Eckles		Field Report Prepared By: <u>C. Green</u>		Bottle Group(s) (See pg 2)	
Latitude						Requester: Michael Eckles		Field Report Prepared By: <u>C. Green</u>		Bottle Group(s) (See pg 2)	
Location		Field/WIN ID →		G2TLHR00041		Requester: Michael Eckles		Field Report Prepared By: <u>C. Green</u>		Bottle Group(s) (See pg 2)	
WIN/STC		Location ↓		Unnamed Branch @ Hardaway Rd 2		Requester: Michael Eckles		Field Report Prepared By: <u>C. Green</u>		Bottle Group(s) (See pg 2)	
Latitude						Requester: Michael Eckles		Field Report Prepared By: <u>C. Green</u>		Bottle Group(s) (See pg 2)	

Relinquished By: <u>C. Green</u>	Date/Time: <u>8-21-18</u>	Shipping Method: <u>Hand</u>	Number of Coolers Shipped: <u>14/10</u>	Received By: <u>SK</u>	Date/Time: <u>8/21/18</u>
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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: YSI 600 XLM

RQ: 2018-08-20-58

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 8/20/18

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	8/21/18	8:00	18.78	9.31	9.31	9.31	99.9	60.4	1.00	P / F	L / F
ICV			8:22	18.76	—	9.32	9.30	99.8	—	—	P / F	L / F
CCV			14:24	21.63	—	8.81	8.81	100.1	—	—	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	8/21/18	8:10	180403A	4/19	1000	1000	P / F	L / F
ICV			8:20	2802833	1/20	100	101	P / F	L / F
CCV			14:30	170630B	7/18	500	502	P / F	L / F
CCV								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	8/21/18	8:12	180621E	1/20	7.00	20.08	31.8	31.8	P / F	L / F
Calibr.			8:14	180510B	5/19	4.00	19.28	4.00	140.9	P / F	L / F
Calibr.			8:16	180221E	9/19	10.00	19.28	9.98	201.2	P / F	L / F
ICV			8:18	11	11	11	19.27	9.98	—	P / F	L / F
CCV			14:35	180510B	5/19	4.00	19.26	4.01	—	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 10 169.4, slope from 4 to 7 172.7 (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:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: #2; Date of last verification: 7/18

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: