



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: South Mosquito Creek @ Power Line

Date: 9-27-2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0039

WBID: 393

Latitude: 30.6575

(Decimal Degrees)

County: Gadsden

ORG ID: 21FTLHR

Longitude: 84.7143

(Decimal Degrees)

Receiving Body of Water: Mosquito Creek

RQ-2018- 09-10-65

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			
						☒	☐	☐	☐	☐	☒ Wading	☐ Canoe/Kayak			
											☐ From Shore	☐ Electric Motor			
											☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# 12 951600 xLM				Matrix: <u>Fresh</u> / 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	11:45	0.3	0.15	0.2	11.29	126.7	7.01	0.02	39	21.05					
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	☐ H2SO4	5A8192090	7-16-19	☒ <2				
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice	☐ HNO3			☐ <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-CI-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
(Marilyn Campbell)

Field/WIN ID →



G2TLHR0039

Location ↓

South Mosquito Creek @ Power Line

Signature: *Chris*

Date: 9-27-2018

Enter Field Parameters, Verify Station ID in LIMS DMT: *CB 10-8-18*

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

CB 10-8-18
(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By:

Project ID: SMP

Collected By: *Chris Green/Paul Blair*

Sampling Agency:

Location		Field/WIN ID →		G2TLHR0040		Field/WIN ID →		G2TLHR0031		Field/WIN ID →		G2TLHR0039		Field/WIN ID →		G2TLHR0039	
Location		Location		Location		Location		Location		Location		Location		Location		Location	
Latitude		Latitude		Latitude		Latitude		Latitude		Latitude		Latitude		Latitude		Latitude	
Field II		Field II		Field II		Field II		Field II		Field II		Field II		Field II		Field II	
WIN/S		WIN/S		WIN/S		WIN/S		WIN/S		WIN/S		WIN/S		WIN/S		WIN/S	
Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)	
Temp (C)		Temp (C)		Temp (C)		Temp (C)		Temp (C)		Temp (C)		Temp (C)		Temp (C)		Temp (C)	
Salinity (ppt)		Salinity (ppt)		Salinity (ppt)		Salinity (ppt)		Salinity (ppt)		Salinity (ppt)		Salinity (ppt)		Salinity (ppt)		Salinity (ppt)	
pH		pH		pH		pH		pH		pH		pH		pH		pH	
Sample Depth		Sample Depth		Sample Depth		Sample Depth		Sample Depth		Sample Depth		Sample Depth		Sample Depth		Sample Depth	
Diss. Oxygen		Diss. Oxygen		Diss. Oxygen		Diss. Oxygen		Diss. Oxygen		Diss. Oxygen		Diss. Oxygen		Diss. Oxygen		Diss. Oxygen	
Total Res. Chlorine		Total Res. Chlorine		Total Res. Chlorine		Total Res. Chlorine		Total Res. Chlorine		Total Res. Chlorine		Total Res. Chlorine		Total Res. Chlorine		Total Res. Chlorine	
Composite end Date		Composite end Date		Composite end Date		Composite end Date		Composite end Date		Composite end Date		Composite end Date		Composite end Date		Composite end Date	
Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)	

Number of Coolers Shipped:

Shipping Method

Date/Time

Relinquished By:

Received By:

Date/Time

Date/Time

Group: C	Bottle Type: W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
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-CI-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

5A5197090
7/16/19

Group: D	Bottle Type: W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4 <i>NA 8080070</i> <i>3/21/19</i>	Enter Number of Bottles Sent to Lab	<i>1</i>
Group: D	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	<i>1</i>
Group: D	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	<i>4</i>

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 μ hos/cm	Meter Reading μ hos/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 $\pm 5\%$

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	9-27-18	7:38	180621E	01/20	7.00	19.16	7.00	38.4	P/F	L/F
Calibr.			7:41	180510B	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	197.9	P/F	L/F
ICV			7:46	"	"	"	19.67	9.96	—	P/F	L/F
CCV			16:00	180510B	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 $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 159.5, 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: 173.6

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 2; Date of last verification: 10/18 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: