



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: 12/10/2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0039

WBID: 393

Latitude: 30.6575

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.7143

(Decimal Degrees)

Receiving Body of Water: Mosquito Creek

RQ-2018-12-10-48

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Ben Harden San Woods		☒	☒	☒	☒	☒	☒ 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 / Normal / High / Flooded		Meter ID# 153414		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	1315	0.7	0.3	0.3	9.64	918	7.01	0.02	488	13.1	
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		SA8274052	10/01/19	☒ <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-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-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
(Marilyn Campbell) 850 663-4168
give heads-up 850 933-3950
SCI/RPS/LVS

G2TLHR0039

Place Label Here

Signature:

Date: 12/10/2018

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: *Harden/woods*

Project ID: SMP

Collected By: *Woods/Harden*Sampling Agency: *8034*

Location		Mosquito Creek @ SR269		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Comp	Grab	Date	Time	mg/L	Total Res. Chlorine		(See pg 2)
WIN/STORET #									
Latitude		Temp		pH					
		(C)							
		Salinity		Comments					
		(ppt)							
Location		South Mosquito Creek @ Powerline		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Comp	Grab	Date	Time	mg/L	Total Res. Chlorine		
WIN/STORET #									
Latitude		Temp		pH					
		(C)							
		Salinity		Comments					
		(ppt)							
Location				Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Comp	Grab	Date	Time	mg/L	Total Res. Chlorine		
WIN/STORET #									
Latitude		Temp		pH					
		(C)							
		Salinity		Comments					
		(ppt)							

Relinquished By: <i>SW</i>	Date/Time: <i>12/10/18 1554</i>	Shipping Method: <i>HO</i>	Number of Coolers Shipped: <i>1</i>	Received By: <i>[Signature]</i>	Date/Time: <i>12/16/18 1600</i>
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						

Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						

Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						

NAG 19700

Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						

Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						

Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
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Group: B	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 3	Preservative:	HNO3 NA 8197080	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4 S A8274050	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab

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: 15384

RQ-

Project:

- 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

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.	Ben Harden	12/10/18	0754	20.2	759.5	9.06	9.05	99.9		1.0594	P/F	D/F
ICV	"	"	0806	19.5	759.6	9.18	9.35	101.8			P/F	D/F
CCV	"	"	1602	14.9	760.2	10.11	10.40	103.2			P/F	D/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.	Ben Harden	12/10/18	0757	180621C	07/19	1000	1000	P/F	D/F
ICV	"	"	0758	1805F8	05/20	100	101.0	P/F	D/F
CCV	"	"	1604	180621C	07/19	1000	1001	P/F	D/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.	Ben Harden	12/10/18	0759	180621F	01/20	7.02	19.7	19.77	-16.5	P/F	D/F
Calibr.	"	"	0802	180621D	07/19	4.00	19.5	4.00	159.6	P/F	D/F
Calibr.	"	"	0804	180403D	10/19	10.07	19.1	10.07	-173.3	P/F	D/F
ICV	"	"	0806	"	"	10.07	19.4	10.07	-172.7	P/F	D/F
CCV	"	"	1606	180621D	07/19	4.00	19.5	4.18	156.7	P/F	D/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 10 156.8, slope from 4 to 7 176.1 (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: ; Date of last verification:

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	Ben Harden	12/10/18	0807	0.000	0.000	P/F	D/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

