



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Mule Creek @ SR12

Date: 03/27/2018

(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0063

WBID: 684

Latitude: 30.512

(Decimal Degrees)

County: Liberty

ORG ID: 21FLTLHR

Longitude: -84.8277

(Decimal Degrees)

Receiving Body of Water: Telogia Creek

RQ-2018-0115-20

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burtchett						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
P. Blair						☒	☒	☒	☒	☒	☐ 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# Ex03		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 (umhos/cm)	Temp. (C°)					
EST	1055	0.6	0.3	0.6	9.22	93	5.23	0.01	20	15.97					
CEN				(S)											
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				☐ <2				
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <2				
Filtered Nutrients		☐ W-PO4-F ☐ Field Filtered 0.45 um 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					☐ Ice								
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other								

Notes:

b/t/m

Field/WIN ID →

Location ↓



G1TLHR0063



MULE CREEK @ SR12

Signature: [Signature]

Date: 03/27/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 3/30/18

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By:

P. Blais, J. Butcher

Field Report Prepared By:

J. Butcher

Sampling Agency:

ECO34

Location		☒ Comp		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID		☒ Grab		Date 3/27/18		Time 1055		Central		Date -	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen		9.22		mg/L Total Res. Chlorine	
Latitude		Temp (C)		15.97		pH		5.23		Sample Depth 0.3	
Longitude		Salinity (ppt)		6.01		Comments					
Location		☐ Comp		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Central		Date	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L Total Res. Chlorine	
Latitude		Temp (C)				pH				Sample Depth	
Longitude		Salinity (ppt)				Comments					
Location		☐ Comp		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Central		Date	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L Total Res. Chlorine	
Latitude		Temp (C)				pH				Sample Depth	
Longitude		Salinity (ppt)				Comments					
Location		☐ Comp		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Central		Date	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L Total Res. Chlorine	
Latitude		Temp (C)				pH				Sample Depth	
Longitude		Salinity (ppt)				Comments					
Location		☐ Comp		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Central		Date	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L Total Res. Chlorine	
Latitude		Temp (C)				pH				Sample Depth	
Longitude		Salinity (ppt)				Comments					
Location		☐ Comp		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date		Time		Central		Date	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L Total Res. Chlorine	
Latitude		Temp (C)				pH				Sample Depth	
Longitude		Salinity (ppt)				Comments					

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

3/27/18

3/27/18

HD

1

J. Butcher

3-27-18/13-17

Group: A	Bottle Type: P-250ML-WO-THI ECOL-18QT	# of Bottles: 15	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: A	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 30	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: A	Bottle Type: BG-1L W-AHERB-AA W-SUC-AA-R W-UHERB-AA	# of Bottles: 15	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>

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 page.

Meter ID: Exo 3 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.

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	400 3/27/18	18.18	9.43	9.44	100	-	1.06	P/F	L/F	
ICV	↓	↓ 810	↓	17.9	9.49	9.47	100	-	-	P/F	L/F
CCV	↓	↓	↓ 1318	17.6		9.54	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	3/27/18	802	180116 B	01/19	1000	1000	P/F	L/F
ICV	↓	↓	812	2710781	04/19	100	96	P/F	L/F
CCV	↓	↓	1306	2802833	01/20	100	95	P/F	L/F
CCV			1308	180116A	01/19	1000	998	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	3/27/18	804	171121A	06/19	7.0	7.0	-33.1	P/F	L/F
Calibr.		↓	806	180116D	01/19	4.0	4.0	139.2	P/F	L/F
Calibr.	↓	↓	808	180221E	06/19	10.0	10.0	-202.5	P/F	L/F
ICV	↓	↓	814	180221E	06/19	10.0	10.0	-202.8	P/F	L/F
CCV			1310	180116C	01/19	4.0	4.0	136.7	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 7 172.3 (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: