



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: South Mosquito Creek @ ? Power line

Date: 02/22/2018

WIN/ Field ID: G2TLHR0039

WBID: 393

Latitude: 30.6847209

County: Gadsden

ORG ID: 21FLTLHR

Longitude: -84.8090729

Receiving Body of Water: Mosquito Creek

RQ-2018-01-29-48

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burkhardt									
J. Woods									

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 / Normal / High / Flooded

Meter ID# E303

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	1130	0.4	0.2	0.4	8.89	96	7.20	0.03	63	18.78
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	SA7341620	12/7/18	☒ <2
Metals	☐ W-CPMS ☐ 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-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-HF1B3 ☐ 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: A-bField/WIN ID
Location

G2TLHR0039



SOUTH MOSQUITO CREEK @

Signature:

Date:

Enter Field Parameters, Verify Station ID In LIMS DMT:

JB 2/23/18

QC Station ID, Field Parameters In LIMS DMT:

02/22/18

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

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 name

Meter ID:

Ex03

RQ:

Project:

SMP2018

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. Burdett	2/22/18	753	21.8	8.78	8.78	100	-	1.05	P/F	L/F
ICV		↓	803	21.7	8.79	8.82	100	-	-	P/F	L/F
CCV		↓	1320	21.4	8.85	8.98	101	-	-	P/F	L/F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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.	J. Burdett	2/22/18	755	18016B	01/19	1000	1000	P/F	L/F
ICV		↓	806	270781	09/19	100	100	P/F	L/F
CCV		↓	1322	270781	09/19	100	101	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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burdett	2/22/18	757	171121A	06/19	7.0	7.0	-22.1	P/F	L/F
Calibr.			759	18016D	01/19	4.0	4.0	150.2	P/F	L/F
Calibr.			801	171121B	06/19	10.0	10.0	-193.7	P/F	L/F
ICV		↓	807	171121B	06/19	10.0	10.0	-192.4	P/F	L/F
CCV		↓	1324	18016C	01/19	4.0	4.0	149.8	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 10 171.6, 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:

Request Number: **66** **66-2018-01-01-24**
Kit A w/ bacteria **RQ-2018-01-29-48**

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: TLH-ROC
Project ID: SMP

Requester: Chris Green
Collected By: J. Burkett, J. Wood's

Field Report Prepared By: J. Burkett
Sampling Agency: 8034

Location		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
Field/WIN ID		Date		Time		Date		mg/L Total Res. Chlorine		(See pg 2)	
STOR		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L % sat		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		ft Sp. Conductance (umho/cm)		A	
Location		☐ dd ☐ dms		Salinity (ppt)		Comments					
Field ID		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L % sat		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		ft Sp. Conductance (umho/cm)			
Location		☐ dd ☐ dms		Salinity (ppt)		Comments					
Field ID		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
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Field ID		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L % sat		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		ft Sp. Conductance (umho/cm)			
Location		☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By: JB, JW	Date/Time: 2/22/18 1409	Shipping Method: 17D	Number of Coolers Shipped:	Received By: [Signature]	Date/Time: 2-22-18 11409
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Group: A	Bottle Type:	P-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 20	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 20	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	P-J-2L	# of Bottles: 30	Preservative:	Formalin	Enter Number of Bottles Sent to Lab
	MI-FW-QLDC					