



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Mosquito Creek @ SR269

Date: 11/26/2018
(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-2018-11-26-52

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burchett						✓	✓	✓	✓	✓
P. Blais							✓	✓	✓	✓

Sampling Equipment	
☒ Sample Container	☒ Van Dorn ☐ Pole
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with Prods 15477	
Equipment ID Van Dorn #2, prods 15477	

Collection Method	
☐ Wading	☐ Canoe/Kayak
☒ From Shore	☐ Electric Motor
☒ Other bridge	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal <u>High</u> / Flooded						Meter ID# 15477		Matrix: Fresh Marine/ DI		
Photos: Yes <u>NO</u>		Flow: No Flow / Intestinal <u>Flowing</u> / NA				Tide: Rising/ Falling/ Slack <u>NA</u>		Tide Times: High Low		
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1120	1.8	0.3	0.4	8.56	88.1	6.71	0.02	51	16.7
		1.6								
CEN			1.1		4.60	88.4	6.64	0.02	51	16.7

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	SA8274060	10/1/19	☐ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA8197550	7/16/19	☐ <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-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-E8321-DI ☐ ☒ W-E8321-MS	☒ 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

Field/WIN ID →

Location ↓



G2TLHR0015



MOSQUITO CREEK @ SR269

Signature:

Date: 11/26/18

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:

**Equipment Cleaning Log
Regional Operation Centers**

Equipment	Unique ID	Date	Time (24 hr)	Location (Lab / Field)	Liquinox Wash (Y/N)	Luminox Wash (Y/N)	Tap Water Rinse (Y/N)	10% HCl Rinse (Y/N)	DI Water Rinse X3 (Y/N)	Other (Describe)	Sampler Name
VanDorn	2	11/24/18	800	L	N	Y	Y	N	Y		P. Blais
VanDorn	2	11/26/18	1140	F	N	Y	N	N	Y		P. Blais
"	"	11/26/18	1400	F	N	Y	N	N	Y		"

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: 154177

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 10/18

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.	J. Burtchett	11/26/18	755	20.2	7529	8.92	8.97	99.1	-	1.05	P/F	L/F
ICV	↓	↓	805	19.0	7532	9.21	9.35	100.8	-	-	P/F	L/F
CCV	↓	↓	1351	22.4	7555	8.62	8.70	101.2	-	-	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.	J. Burtchett	11/26/18	757	180621C	07/19	1000	1000	P/F	L/F
ICV	↓	↓	807	1805F81	05/20	100	101	P/F	L/F
CCV	↓	↓	1353	1805F81	05/20	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	11/26/18	759	180621C	01/20	7.01	19.5	7.02	-32.4	P/F	L/F
Calibr.	↓	↓	801	180621D	07/19	4.00	19.3	4.00	145.6	P/F	L/F
Calibr.	↓	↓	803	180403D	10/19	10.08	19.2	10.07	-147.7	P/F	L/F
ICV	↓	↓	809	180403D	10/19	10.08	18.7	10.01	-188.4	P/F	L/F
CCV	↓	↓	1354	180621D	07/19	4.00	17.7	3.89	146.7	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 1, slope from 4 to 7 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: 10/18

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	J. Burtchett	11/26/18	753	0.00	0.00	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:

Field Report Prepared By:

Collected By: P. Bley, J. Burtchett

Sampling Agency:

Relinquished By: JB, PB	Date/Time 11/26/18	Shipping Method HD	Number of Coolers Shipped: 2	Received By: 	Date/Time 11/26/18
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				SA 8274650	
	W-NO2NO3				exp 16/1/19	
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	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: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				
Group: C	Bottle Type:	P-1L	# of Bottles: 2	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: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W				
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT				
Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	PCR-FILTER				
Group: C	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	W-E8321-DI				
	W-E8321-MS				
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab
	W-ICP			NA8197060	
	W-ICPMS			exp. 7/16/19	
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3			SA8274650	
	W-NO2NO3			exp. 10/1/19	
	W-S-A-TP				

Group: C	Bottle Type: W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	71	2
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	71	2
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	1	
Group: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1	
Group: D	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1	
Group: D	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	4	1
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	4	
Group: D	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1	
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3 NA8H2SO4 exp 7/16/18	Enter Number of Bottles Sent to Lab		
Group: D	Bottle Type: W-NH3 W-NO2NO3	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4 SA8274050 exp. 10/1/19	Enter Number of Bottles Sent to Lab		

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