



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

Stone Mill Creek upstream of Diana St
January 2019
Little Alligator Creek at SR 273 - CM

WIN Station Name:

Date: 11/19/2019

WIN/ Field ID:

G2WA0000 - CM G2WA0012

WBID:

423 - CM 1075

Latitude:

30.8888424 - CM

County:

Jackson - CM GULF

ORG ID:

21FLWQA

Longitude:

85.46906020 - CM

Receiving Body of Water:

Holmes Creek CM

RQ:

249-06-05-27

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Curtis Musson		X	X	X	X	X
Will Lasley			X	X	X	X

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Meter Stick</u>		
Equipment ID		
Collection Method		
☒ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes / No Flow: No Flow / Intestinal / Flowing / NA
Meter ID# Bio #2 Matrix: Fresh / Marine / DI
Tide: Rising/ Falling/ Slack NA Tide Times: High NA Low NA

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	1233	0.4	0.2	VOB	8.2	81.1	5.67	0.03	57	15.90
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	9129100	5/9/20	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHL-SUITE-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-BR-IC / 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-BacR ☐ PCR-GULL2 ☒ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☒ Ice			
Tracers	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

Nutrients
E.coli
BacR
HF-183
Tracers

No Label

Place Label Here

Signature:

Curtis Musson

Date:

11/19/19

LIMS EVENT ID: WAS-SECT-2019-11-19-01

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

606 12/19/19

QC Station ID, Field Parameters in LIMS DMT:

CM 12.30.2019

Scan/Save Field Sheets

12-30-19

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

2019-03-25-19

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: Bto #2

RQ: 2019-06-03-27

Project: NWQF/SMD

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.	Curtis Musson	11/19/19	649	19.89	760	9.295	9.30	100.0	70.6		☒ F	☒ F
ICV	Curtis Musson	11/19/19	650	19.89	760	9.295	9.30	100.0	70.6		☒ F	☒ F
CCV	Curtis Musson	11/19/19	1536	19.43	760	9.202	9.16	99.6	71.7		☒ F	☒ 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.	Curtis Musson	11/19/19	653	190618F	06/2020	1000	1000	☒ F	☒ F
ICV	Curtis Musson	11/19/19	654	190618F	06/2020	1000	1003	☒ F	☒ F
CCV	Curtis Musson	11/19/19	1538	2908081	08/2021	100	123	☒ F	☒ 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.	Curtis Musson	11-19-19	658	190618B	12/2020	7.02	20.01	7.02	-24.7	☒ F	☒ F
Calibr.	Curtis Musson	11/19/19	703	190618D	12/2020	4.00	20.02	4.00	148	☒ F	☒ F
Calibr.	Curtis Musson	11-19-19	706	190618C	12/2020	10.05	20.00	10.04	-192	☒ F	☒ F
ICV	Curtis Musson	11/19/19	709	190618D	12/2020	4.00	20.05	4.00	147	☒ F	☒ F
CCV	Curtis Musson	11/19/19	1541	190618B	12/2020	7.02	20.06	7.06	-25.2	☒ F	☒ 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 _____, slope from 4 to 7 _____ (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	Curtis Musson	11/19/19	656	0.000	0.000	☒ F	☒ F

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

COMMENTS:

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By:

Field Report Prepared By:

Sampling Agency:

[illegible]

Relinquished By:

Date/Time

3:23

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Curtis Mason

Group: A	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: A	Bottle Type: BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
ECOLI-18QT					
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
PCR-FILTER					
Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab
W-CARB-AA					
Group: A	Bottle Type: BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
W-CT-CL-R W-PCL-SQ-R					
Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
W-E8321-DI W-E8321-MS					
Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS					
Group: A	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: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	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	0
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0

Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
Group: C	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	3	↑ Lot # 5A9129100 Exp: 05/09/2020
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0

Group: D	Bottle Type: P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: D	Bottle Type: BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	CHLSUITE-W				
Group: D	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	ECOLI-18QT				
Group: D	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	PCR-BACR				
	PCR-HF183				
Group: D	Bottle Type: BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	W-E8321-DI				
	W-E8321-MS				
Group: D	Bottle Type: P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab 0
	W-ICP				
	W-ICPMS				
Group: D	Bottle Type: P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 0
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: D	Bottle Type: P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 0
	W-PO4-F				
Group: E	Bottle Type: P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	ALKALINITY				
	TURBIDITY				
	W-CL-IC				
	W-COLOR				
	W-F				

Group: E	Bottle Type: W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0