



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

WIN Station Name:

Wilson Mill Creek upstream of Bentley Rd. January 2019 C274

Date: 11/19/2019

(mm/dd/yyyy)

WIN/ Field ID:

G3WA0004 C3 G2WA0020

WBID:

T29 S12

Latitude: 80.87350668

(Decimal Degrees)

County:

JACKSON C3

ORG ID:

21FLWQA

Longitude: 85.4723

(Decimal Degrees)

Receiving Body of Water:

Holmes Creek C3

RQ-2019-03-23-19

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Curtis Musson						X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole		
Will Lasley						X	X	X	X	X	☐ 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/ <u>Low</u> / Normal / High / Flooded						Meter ID# <u>B10 #2</u>				Matrix: <u>Fresh</u> / 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 <u>NA</u> Low <u>NA</u>					
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	1411	0.4	0.2	VOB	10.09	99.4	6.37	0.05	97	14.71					
CEN															
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		9/29/00	5/9/20	☒ <2					
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <2					
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice									
Chlorophyll		☒ CHL-SUITE-W				☒ Ice									
Physical/Aggregate (Fresh)		☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CI-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				☒ Ice									
		☒ 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				☐ Ice									
		☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CAR8-AA				☐ Ice									
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice									

Notes:

Nutrients,
E.coli
BacR
HF-183
Tracers

Group C

Place Label Here

Signature:

Curtis Musson

Date:

11-19-19

LIMS EVENT ID: WAS-SECT-2019-11-19-02

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: 12/19/19

QC Station ID, Field Parameters In LIMS DMT: Cm 12.30.2019

Scan/Save Field Sheets

Cm 12/30/19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

2019-06-03-27

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: 2019-03-25-19

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		⓪/F	⓪/F
ICV	Curtis Musson	11/19/19	650	19.89	760	9.295	9.30	100.0	70.6		⓪/F	⓪/F
CCV	Curtis Musson	11/19/19	1536	19.43	760	9.202	9.16	99.6	71.7		⓪/F	⓪/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	⓪/F	⓪/F
ICV	Curtis Musson	11/19/19	654	190618F	06/2020	1000	1003	⓪/F	⓪/F
CCV	Curtis Musson	11/11/19	1538	2908081	08/2021	100	123	⓪/F	⓪/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	⓪/F	⓪/F
Calibr.	Curtis Musson	11/19/19	703	190618D	12/2020	4.00	20.02	4.00	148	⓪/F	⓪/F
Calibr.	Curtis Musson	11-19-19	706	190618C	12/2020	10.05	20.00	10.04	-192	⓪/F	⓪/F
ICV	Curtis Musson	11/19/19	709	190618D	12/2020	4.00	20.05	4.00	147	⓪/F	⓪/F
CCV	Curtis Musson	11/19/19	1541	190618B	12/2020	7.02	20.06	7.06	-25.2	⓪/F	⓪/F
CCV						7.02				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	⓪/F	⓪/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

Requester: Curtis Musson

Field Report Prepared By: Curtis Musson

Project ID: SMP

Collected By: Curtis Musson

Sampling Agency: FDP

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

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Curtis Musson	11-19-19	Hand off	1	HH	11-19-19

Curtis Musson

Group: A	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						
	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	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ECOLI-18QT						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	0
	W-CARB-AA						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	W-CT-CI-R						
	W-PCL-SQ-R						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP						
	W-ICPMS						
Group: A	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: 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
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 <u>2</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
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 <i>H2SO4 Lot # SA9/29/00</i> <i>EXP: 05/09/2020</i>	Enter Number of Bottles Sent to Lab <u>2</u>	
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab <u>2</u>