



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Unnamed Creek at Woodrest Rd

Date: 11/19/2019

(mm/dd/yyyy)

WIN/ Field ID: G3WA0010

WBID: 262A

Latitude: 30.80689954

(Decimal Degrees)

County: JACKSON

ORG ID: 21FLWQA

Longitude: 85.46034058

(Decimal Degrees)

Receiving Body of Water: Holmes Creek

RQ: 2019-06-03-87

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Motor 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# BioFlo 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	1039	0.2	0.1	VOB	5.45	50.7	5.43	0.07	144	11.95
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	9/29/20	5/9/20	<2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			
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-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 ☐ 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 ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes: Nutrients, E.coli, BacR, HF-183, Tracers

WIN ID / FILED ID → G3WA0010

Location: Unnamed Creek at Woodrest Rd

Signature: [Signature] 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: 12/19/19

QC Station ID, Field Parameters In LIMS DMT: CM 12.30.19

Scan/Save Field Sheets 11-30-19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(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: B to #2

RQ: 2019-06-03-27

Project: NWQF/SMO

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	19.99	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 mhos/cm	Meter Reading μ mhos/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						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	☒ 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

Field Report Prepared By: Curtis Musson

Collected By: Curtis Musson

Sampling Agency: FDEP

Location	Field ID	WIN/STORET #	Latitude	Longitude	Location	Field ID	WIN/STORET #	Latitude	Longitude
			☐ dd ☐ dms	☐ dd ☐ dms				☐ dd ☐ dms	☐ dd ☐ dms
			Alligator Creek Upstream of SR 273					Unnamed Creek at Woodrest Rd	
			G3WAO005					G3WAO010	
			Collection (comp begin or grab) Time 0941					Collection (comp begin or grab) Time 1039	
			Matrix (type, e.g., Salt, Fresh, etc) Fresh					Matrix (type, e.g., Salt, Fresh, etc) Fresh	
			Temp (C) 12.15					Temp (C) 11.95	
			pH 4.91					pH 5.43	
			Diss. Oxygen 58.8					Diss. Oxygen 50.7	
			Sample Depth 0.15					Sample Depth 0.1	
			Sp. Conductance (umho/cm) 82					Sp. Conductance (umho/cm) 144	
			Total Res. Chlorine (mg/L) —					Total Res. Chlorine (mg/L) —	
			% sat —					% sat —	
			Composite end Date —					Composite end Date —	
			Eastern Central					Eastern Central	
			Bottle Group(s) C					Bottle Group(s) C	
			Collection (comp begin or grab) Time 1233					Collection (comp begin or grab) Time 1233	
			Matrix (type, e.g., Salt, Fresh, etc) Fresh					Matrix (type, e.g., Salt, Fresh, etc) Fresh	
			Temp (C) 15.90					Temp (C) 15.90	
			pH 5.67					pH 5.67	
			Diss. Oxygen 81.1					Diss. Oxygen 81.1	
			Sample Depth 0.2					Sample Depth 0.2	
			Sp. Conductance (umho/cm) 57					Sp. Conductance (umho/cm) 57	
			Total Res. Chlorine (mg/L) —					Total Res. Chlorine (mg/L) —	
			% sat —					% sat —	
			Composite end Date —					Composite end Date —	
			Eastern Central					Eastern Central	
			Bottle Group(s) C					Bottle Group(s) C	
			Collection (comp begin or grab) Time 1523					Collection (comp begin or grab) Time 1523	
			Matrix (type, e.g., Salt, Fresh, etc) Fresh					Matrix (type, e.g., Salt, Fresh, etc) Fresh	
			Temp (C) 15.90					Temp (C) 15.90	
			pH 5.67					pH 5.67	
			Diss. Oxygen 81.1					Diss. Oxygen 81.1	
			Sample Depth 0.2					Sample Depth 0.2	
			Sp. Conductance (umho/cm) 57					Sp. Conductance (umho/cm) 57	
			Total Res. Chlorine (mg/L) —					Total Res. Chlorine (mg/L) —	
			% sat —					% sat —	
			Composite end Date —					Composite end Date —	
			Eastern Central					Eastern Central	
			Bottle Group(s) C					Bottle Group(s) C	

Relinquished By: <u>Curtis Musson</u>	Date/Time: <u>11-19-19 / 3:23</u>	Shipping Method: <u>Hand Off</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>KW</u>	Date/Time: <u>11-19-19 / 15:23</u>
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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