



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes

No

10

WIN Station Name: Alligator Creek upstream of SR 273

Date: 2/19/19

(mm/dd/yyyy)

WIN/ Field ID: G3WA0005

WBID: 123

Latitude: 30.819

(Decimal Degrees)

County: Washington

ORG ID: 21FLWQA

Longitude: -85.5042

(Decimal Degrees)

Receiving Body of Water: Holmes Creek

RQ- 2018-11-05-17

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Blake Spencer					☒	☒	☒	☒	☒
Avril Wood-McGrath					☒	☒	☒	☒	☒

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# Biology #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	1120		0.3		7.85	78.8	6.11	0.02	51	15.36
CEN		0.8								

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#: 2063231

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	<u>SAB101020</u>	<u>4/16/19</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA-8080070</u>	<u>3/21/19</u>	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	<u>10827054</u>		
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-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-CAR8-AA	☒ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

WIN ID / FILED ID → G3WA0005

Location: Alligator Creek Upstream of SR 273

Signature: [Signature] Date: 2/19/19

LIMS EVENT ID: WAS-SECT-2019-02-20-01 WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: 2/20/19 QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Do not "X" this box if there is qualified data on this page.

Meter ID: Biology #2

RQ: 2018-11-05-17

Project: SMP

DO

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 11/24/18

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.	Blake Spencer	2/19/19	0822	19.75	9.129	9.14	100.0	90.0	—	P/F	L/F
ICV	1	1	0824	17.69	9.147	9.14	99.9	90.0	—	P/F	L/F
CCV										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.	Blake Spencer	2/19/19	0814	1805F81	05/2020	100	100	P/F	L/F
ICV	1	1	0815	1805F81	05/2020	100	100	P/F	L/F
CCV			1830	180221A	03/2019	500	480	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.	Blake Spencer	2/19/19	0759	180403C	10/2019	7.0	7.00	-6.4	P/F	L/F
Calibr.		2/19/19	0805	180621A	07/2019	4.0	4.00	164.7	P/F	L/F
Calibr.		2/19/19	0810	180621E	01/2020	10.0	10.00	-178.1	P/F	L/F
ICV		2/19/19	0812	180621F	01/2020	10.0	10.00	-172.9	P/F	L/F
CCV		2/19/19	1833	180621A	07/19	4.0	4.08	165.8	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 _____, slope from 4 to 7 _____ (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 _____

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	Blake Spencer	2/19/19	0825	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:

DO Membrane fell off for last two sites

Form effective October 1, 2017

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Alligator Creek

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Anil Wood-Misra

Project ID: NWQI

Collected By:

Anil Wood-Misra/Blake Spencer

Sampling Agency:

FDEP

Location	WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	G3WA0009		Date 2.19.19 Time 13:55		Date		(See pg 2)
WIN/STORET #	Scurlock Creek at Pilgrim Rd		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	30.9545		Temp (C) 15.96		pH 5.72		A
Longitude	-85.4443		Salinity (ppt) 0.02		Sample Depth 0.1		
Location	WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	G3WA0009		Date 2.19.19 Time 13:23		Date		(See pg 2)
WIN/STORET #	Alligator Creek upstream of Bentley Rd.		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	30.9735		Temp (C) 15.83		pH 6.48		A
Longitude	-85.4723		Salinity (ppt) 0.03		Sample Depth 0.1		
Location	WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	G3WA0011		Date 2.19.19 Time 14:20		Date		(See pg 2)
WIN/STORET #	Pine Barn Creek at Woodrest Rd		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	30.8358		Temp (C) 16.31		pH 5.66		A
Longitude	-85.4488		Salinity (ppt) 0.02		Sample Depth 0.1		
Location	WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	G3WA0010		Date 2.19.19 Time 15:00		Date		(See pg 2)
WIN/STORET #	Unnamed Creek at Woodrest Rd		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	30.8069		Temp (C) 15.90		pH 5.65		A
Longitude	-85.4603		Salinity (ppt) 0.02		Sample Depth 0.3		

Relinquished By:

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

2/20/19 0757

Hand Delivered

SK

2.20.19/7:57

Field Report Prepared By: Ami Wood-McCarty
Sampling Agency: IDEP

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<i>[Signature]</i>	2/10/0757	Hand Delivered	5	<i>[Signature]</i>	2-20-19/7157

1000

Group: B	Bottle Type: W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
Group: B	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
Group: B	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
Group: B	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved		Enter Number of Bottles Sent to Lab	/
Group: B	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: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	/
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3 LOT# N92880070 EXP: 03/21/19	HNO3	Enter Number of Bottles Sent to Lab	/
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	/
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	/
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

Group: C	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: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: C	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: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					