FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / (No)

WIN Station Name: Stone Mill Creek Upstream of Dianna St. **Date:** 02/27/2019 (mm/dd/yyyy)

WIN/ Field ID: G2WA0012 **WBID:** 1075 **Latitude:** 30.15788847 (Decimal Degrees)

County: Gulf **ORG ID:** 21FLWQA **Longitude:** -85.23051114 (Decimal Degrees)

Receiving Body of Water: Chipola River **RQ-** 2019-02-25-48

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

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with Meter Stick
- Equipment ID

Collection Method
- [x] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / (High) / Flooded

Meter ID# Biology #2

Matrix: (Fresh) / Marine / DI

Photos: (Yes) / No

Flow: No Flow / Intestital / (Flowing) / NA

Tide: Rising/ Falling/ Slack/ (NA)

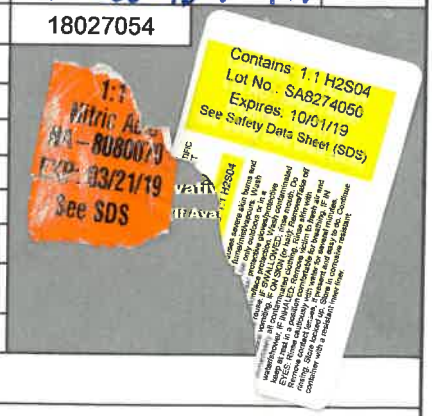
Tide Times: High NA Low NA

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1131	1.0 SE / 0.9	0.3	0.1	.04	0.3	5.4	0.02	43	17.99
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#: 2065839

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	SA-8274050	10/1/19	[x] <2
Metals	[x] W-ICPMS [x] W-ICP	[x] Ice [ ] HNO_3	NA-8080070	3/21/19	[x] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice	18027054		
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[x] 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
Metals
E. Coli

WIN ID / FILED ID → G2WA0012

Location: Stone Mill Creek Upstream of Dianna St.

Signature: WAS-SECT-2019-02-27-01 **Date:** 2/27/19

LIMS EVENT ID: **WIN Import ID:**

Enter Field Parameters, Verify Station ID in LIMS DMT: 3/14/19 (Initials/Date) **QC Station ID, Field Parameters in LIMS DMT:** (Initials/Date)

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

Request Number: RQ-2019-02-25-48

Group 2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Blake Spencer, Avril Wood-McGrath, & Steve Cofone

Field Report Prepared By: Avril Wood-McGrath

Sampling Agency: FDEP

Location

WIN ID / FILED ID → G2WA0012

Field ID

WIN/STORET # Location: Stone Mill Creek, Upstream of Dianna St.

Latitude: 30.15766847 ☒ dd ☐ dms | Longitude: -85.23051114 ☒ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/27/19 Time 11:31 (Eastern / Central) | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 0.3 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 17.99 | pH: 5.4 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 43

Salinity (ppt): 0.02

Comments: Dissolved Oxygen is 0.3%; W-CT-CL-R not collected

Bottle Group(s) (See pg 2): A

Location

WIN ID / FILED ID → G2WA0010

Field ID

WIN/STORET # Location: Big Branch Downstream of Road 5

Latitude: 30.15825339 ☒ dd ☐ dms | Longitude: -85.25200674 ☒ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/27/19 Time 12:15 (Eastern / Central) | Composite end Date 2/27/19 Time 12:15

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 10.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 17.35 | pH: 4.92 | Sample Depth: 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm): 28

Salinity (ppt): 0.01

Comments:

Bottle Group(s): B

Location

WIN ID / FILED ID → G2WA0005

Field ID

WIN/STORET # Location: Coon Creek, 100 meters upstream of CR 69

Latitude: 30.39283938 ☒ dd ☐ dms | Longitude: -85.06315982 ☒ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/27/19 Time 10:55 (Eastern / Central) | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: — ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): — | pH: — | Sample Depth: 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm): —

Salinity (ppt): —

Comments:

Bottle Group(s): C

Location

WIN ID / FILED ID → G2WA0020

Field ID

WIN/STORET # Location: Wilson Mill Creek

Latitude: 30.5777 ☒ dd ☐ dms | Longitude: -85.591 ☒ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/27/19 Time 10:10 (Eastern / Central) | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 108.7 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 17.52 | pH: 7.36 | Sample Depth: 0.05 ☐ ft ☒ m | Sp. Conductance (umho/cm): 77

Salinity (ppt): 0.04

Comments: W-CT-CL-R not collected

Bottle Group(s): A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
COFONE	2/27/19 1518	HAND	2	SR	2-27-19 / 15:18

Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2	
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2	
	CHLGUT5-W					
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2	
	ECOLI-18QT					
Group: A	Bottle Type: BG-500ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6	AWM 2/27/19
	W-CT-CI-R					
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2	
	W-ICP W-ICPMS		HNO3 LOT# NA8080070 EXP: 03/21/19			
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2	
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC		H2SO4 LOT# SA8274050 EXP: 10/01/2019			
Group: A	Bottle Type: P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2	
	W-PO4-F					
Group: B	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1	
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC					

Group: B	Bottle Type: P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-TDS W-TSS					
Group: B	Bottle Type: BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W					
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT					
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			H2SO4 LOT# SA8274050 EXP: 10/01/2019		
Group: B	Bottle Type: P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					
Group: C	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT					

Boldly "X" this box if there is qualified data on this page

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

Meter ID: Biology #2 RQ- 2019-02-25-48 Project: SMP

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 _____

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	2/27/19	0735	20.12	9.074	9.07	100.0	67.6	—	(P) / F	(L) / F
ICV	Blake Spencer	2/27/19	0737	20.13	9.074	9.06	99.9	66.5	—	(P) / F	(L) / F
CCV	Blake Spencer	2/27/19	1442	19.31	9.220	9.41	102.0	59.4	—	(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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Blake Spencer	2/27/19	0742	190221A	03/2019	500	500	(P) / F	(L) / F
ICV	Blake Spencer	2/27/19	0746	190221A	03/2019	500	500	(P) / F	(L) / F
CCV	Blake Spencer	2/27/19	1448	1805F81	05/2020	100	105	(P) / F	(L) / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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	2/27/19	0754	180403C	10/2019	7.0	7.00	-9.3	(P) / F	(L) / F
Calibr.		2/27/19	0800	180621D	7/2019	4.0	4.00	164.3	(P) / F	(L) / F
Calibr.		2/27/19	0804	180621F	01/2020	10.0	9.99	-173.4	(P) / F	(L) / F
ICV		2/27/19	0805	180621F	01/2020	10.0	9.99	175.5	(P) / F	(L) / F
CCV	Blake Spencer	2/27/19	1454	180621D	07/2019	4.0	4.12	156.7	(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 ± 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	2/27/19	0806	0.00	0.00	(P) F	(L) F

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

COMMENTS: