



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

Location/STORET Station Name: Choctawhatchee River above Smokehouse Lake

Date:

7/16/18
(mm/dd/yyyy)

WIN ID G3NW0073

WBID: 49A

Latitude: 30.395807

(Decimal Degrees)

County: Walton

RQ - 2018-07-23-22

ORG ID: 21FLPNS

Longitude: -86.021227

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee Bay Field ID: 2018-07-23-22

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
MIKE KING Nathan Murrey				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
Equipment ID								Collection Method				
								☐ Wading				☐ Canoe/Kayak
								☐ From Shore				☐ Electric Motor
								☐ Other				☒ Gasoline Motor

Water Level:	Dry / Low / Normal / Above Normal / Flooded	Meter ID#	154179	ProDSS	Matrix:	Fresh / Marine / DI				
Photos:	Yes / No	Flow:	No Flow / Intestinal / Flowing / NA	Tide:	Rising / Falling / Slack / NA	Tide Times:	High / Low			
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1115	3.0	0.3	0.8	5.53	70.8	6.78	0.05	111.3	28.2
CEN			2.5		5.53	70.8	6.93	0.05	111.4	28.2

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	SA8101020	4/11/2019	☒ <2				
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice							
Chlorophyll	☒ CHLSUITE-W	☒ Ice							
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice							
Physical/Aggregate (Marine)	☐ Alkalinity / 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-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice							
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice							
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other							

No.	Field/WIN ID	Location:
Ref: Date: 10Jul18 Dep: Wgt: 15.00 LBS DV: 0.00	G3NW0073	Choctawhatchee River above Smokehouse Lake
SHIPPING: 0.00 SPECIAL: 0.00 HANDLING: 0.00 TOTAL: 0.00		
Signature: [Signature]	Date: 7/16	

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: DEP WWROC					County: WALTON		Date: 7/10/18		Investigators: MIKE KING	
Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	STORET Station Number: G3NW0073
										9059
0	1	N	Y		60	1	N	Y		Secchi depth 0.8
	2	N	Y			2				Estimated? N
	3	N	Y			3				# points ranked 4-6 7
	4					4				total points assessed 97
	5			0		5			0	% points ranked 4-6 7.2
	6					6				
	7					7				
	8	N	Y			8				
	9	N	Y			9				
10	1	N	Y		70	1	N	Y		Check accompanying data collected at same site/date.
	2	X	Y			2				Algal mat sample
	3	N	Y			3				Linear Veg Survey ☒
	4			0		4				Habitat Assessment ☒
	5					5			0	SC/Biorecon ☒
	6					6				Water sample ☒
	7					7				
	8	N	Y			8	N	Y		
	9	N	Y			9	N	Y		
20	1	N	Y		80	1	N	Y		RQ- 2018-07-23-22
	2	X	Y			2				
	3	N	Y			3				
	4			0		4				
	5					5			0	
	6					6				
	7					7				
	8	N	Y			8	N	Y		
	9	N	Y			9	N	Y		
30	1	N	Y		90	1	N	Y		Algal Thickness Rank
	2	N	Y			2				N rough, no algae, slimy, algae up to 1mm
	3					3				3 >1mm - 6mm
	4			0		4				4 >6mm - 20mm
	5					5				5 >20mm - 10 cm
	6					6			0	6 >10 cm
	7					7				
	8	N	Y			8	N	Y		
	9	N	Y			9	N	Y		
40	1	N	Y		100	1	N	Y		SBIOD
	2					2				
	3					3				
	4			0		4				
	5					5			0	
	6					6				
	7					7				
	8	N	Y			8	N	Y		
	9	N	Y			9	N	Y		
50	1	N	Y			1	N	Y		RPS ID 9059
	2					2				
	3					3				
	4			0		4				
	5					5			0	
	6					6				
	7					7				
	8	N	Y			8	N	Y		
	9	N	Y			9	N	Y		

Record "N" and check "Estimated" for points deeper than the Secchi depth; algae are presumed absent. Check "Estimated" if thickness estimated for deep points which can be seen but not reached.

Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank.

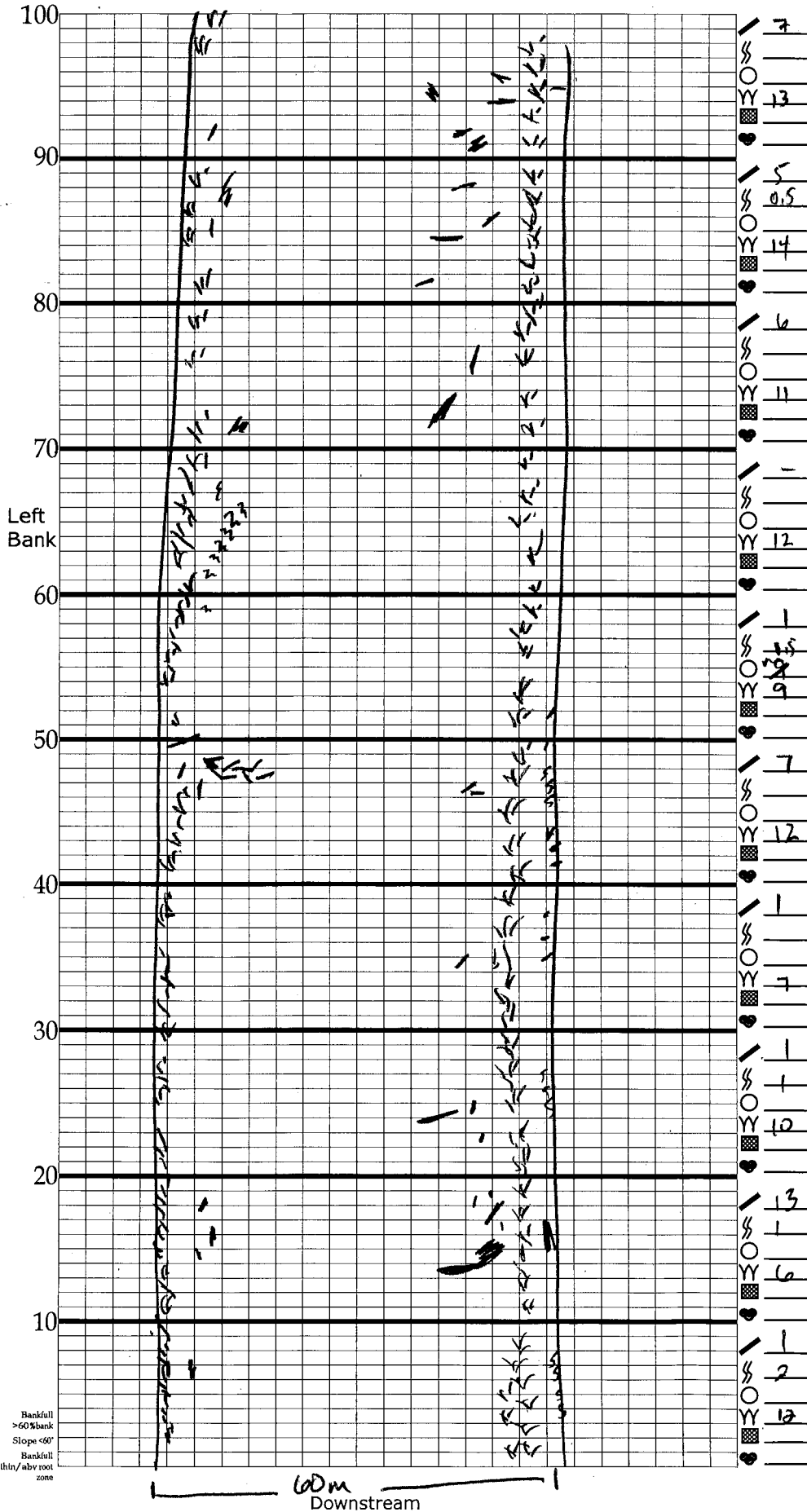
Record canopy cover as the number of small densiometer quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6.

Collect algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is >20%.

DEP-SOP-001 Form FD 9000-4
Stream/River Habitat Sketch Sheet

Location: Chattahoochee River abv Snakehouse Date: 7/16/18
LAILE

Sampler: MIKE KING / Nathan Mukey



100m: Latitude <u>30.39511</u>	
Longitude <u>86.0206</u>	
0m: Latitude <u>30.39575</u>	
Longitude <u>86.02138</u>	
Substrates:	Total <u>2.16</u> %
Snags <u>43/</u>	<u>0.72</u>
Roots/undercut banks <u>5</u>	<u>0.1</u>
Leaf Packs (or mats)	
Aquatic Macrophytes <u>106</u>	<u>1.8</u>
Rock	
Gravel	
Other	
Pools observed/expected <u>1</u>	
Average width: <u> </u> m	
Average depth: <u> </u> m	
Velocity measured at: <u> </u> meter mark	
WQ & chemistry taken at <u> </u> meter mark	
Habitat smothering:	
Bank stability:	
Altered Riparian Buffer Width:	

Plants observed & notes:

Elm
water oak
Quercus laurifolia
AWC
red maple
magnolia grandiflora
muscadine
liquid amber
button bush

Waterbody: Choctawhatchee River

Date: 4/7/14 County: WALTON

Storet Number: 63NW0073

Analyst: MIKE KUM

Signature: 

Comments:

Plant Isl 10990

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m² of taxa present). Note in the boxes below if no dominant are selected, and note total macrophyte abundance rank for each section. Only the most common taxa are listed, so use blank spaces for additional taxa names.

[illegible]