DEP Form FD 9000-3 Physical/Chemical Characterization Field Sheet

SAMPLE ID _____ ORG ID 21FLWQSP LATITUDE 30.1321
COUNTY Wakulla STORET # 22020050 LONGITUDE -84.4944
DATE 11/16/2020 TIME 10:14 AM SAMPLING AGENCY FDEP-AEQAS
SITE NAME Sopchoppy River
FIELD ID/NAME SOPREF RECEIVING BODY OF WATER Ochlocknee River

RIPARIAN ZONE / STREAM FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category) :

Forest/Natural	Silviculture	Field/Pasture	Agricultural	Residential	Commercial	Industry	Other (Specify)
50	50						

Landscape Development Intensity Index (LDI):

Local Watershed Erosion (select one) : [x] None [ ] Slight [ ] Moderate [ ] Heavy
Local Watershed NPS Pollution : [x] No evidence [ ] Slight [ ] Moderate [ ] Heavy

Width of Riparian Vegetation (m) on Each Buffer Side
Left Bank : 718m Right Bank : >18m

Hydrologic Modification Score (per FT 3101) 1-2

High Water Mark: 6m (m) + .5m (above present water level) = 6.5m (above bed) (present depth)

Artificially Impounded [ ] Yes [x] No

Typical Width (m) Depth (m)/Velocity (m/sec) Transect
7m m wide

.125 m/s	.09 m/s	.07 m/s
8	11	14
.5 m deep	.5 m deep	.5 m deep

Artificially Channelized : [x] No [ ] Some recovery [ ] Mostly recovered, more sinuous [ ] Recent, severe

Canopy Cover % [ ] Open [ ] Lightly Shaded (11-45%) [ ] Heavily Shaded [x] Moderate Shaded (46-80%)

SEDIMENT / SUBSTRATE

Sediment Oils [x] Absent [ ] Slight [ ] Moderate [ ] Profuse

Sediment Odors [x] Normal [ ] Sewage [ ] Petroleum [ ] Chemical [ ] Anaerobic [ ] Other (Specify) :

Smothering of Substrates
Sand Smothering: None [ ] Slight [ ] Moderate [x] Severe [ ]
Silt Smothering: None [x] Slight [ ] Moderate [ ] Severe [ ]
Algae Smothering: None [x] Slight [ ] Moderate [ ] Severe [ ]

SUBSTRATE TYPE
Assessment Tool: [x] SCI [x] RPS [x] LVS [ ] LCI [ ] BioRecon

	% Coverage	INVERT # Times Sampled	PERI # Times Sampled
Woody Debris (Snags)	14.5m²	5	
Undercut Banks / Roots	6.5m²	5	
Leaf Packs or Mat	<1m²	1	
Aquatic Vegetation	-		
Rock or Shell Rubble..	10.5m²	5	
Sand.....		4	
Mud / Muck / Silt			
Other			
Other			

WATER QUALITY

	Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat (%)	Cond. (UMHO/CM)	Salinity (PPT)	SECCHI (M)
Top :	.1	19.0	7.16	6.6	71.1	128.9		.4
Mid:								[ ] VOB
Bottom								TOTAL DEPTH

Meter ID: YSI 154185 — .55

Water Odors Normal [x] Petroleum [ ] Sewage [ ] Chemical [ ] Other [ ]

Water Surface Oils Normal [x] Sheen [ ] Globs [ ] Slick [ ] Other [ ]

Water Sample Taken? [x] Yes [ ] No
Sample Preserved? [x] Yes [ ] No
Lot Number:_____ Exp:_____

Color Tannic [x] Green (Algae) [ ] Clear [ ] Other (Specify) [ ]
v. dark

Algae Sample Taken? [ ] Yes [x] No
Sample Preserved? [ ] Yes [ ] No
Lot Number:_____ Exp:_____

Clarity Clear [x] Slightly Turbid [ ] Turbid [ ] Opaque [ ]

ABUNDANCE

	Not Obs.	Rare	Common	Abundant
Periphyton:	[x]	[ ]	[ ]	[ ]
Fish:	[x]	[ ]	[ ]	[ ]
Aquatic Plants:	[x]	[ ]	[ ]	[ ]
Iron/Sulfur Bacteria: diatoms?	[ ]	[ ]	[x]	[ ]

System Type: Stream [x] Lake [ ] Wetland [ ] Estuary [ ] Other(Specify) [ ] _____

AMBIENT FIELD CONDITIONS / NOTES:
Sun, 60s to 70s°
Water level lower than 2019

[x] The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM O'Neal, Patrons, Piacente
SIGNATURE : Ashley O'Neal
DATE : 11/16/2020

47
7
11 8

DEP Form FD 9000-5 Stream/River Habitat Assessment Field Sheet

SAMPLING AGENCY:		STORET STATION NUMBER:	DATE (MM/DD/YY):	RECEIVING BODY OF WATER:
FDEP		22020050	11/16/2020	Ochlockonee
REMARKS:	COUNTY:	LOCATION:		FIELD ID/NAME:
	Wakulla	Sopchoppy		SOPREF

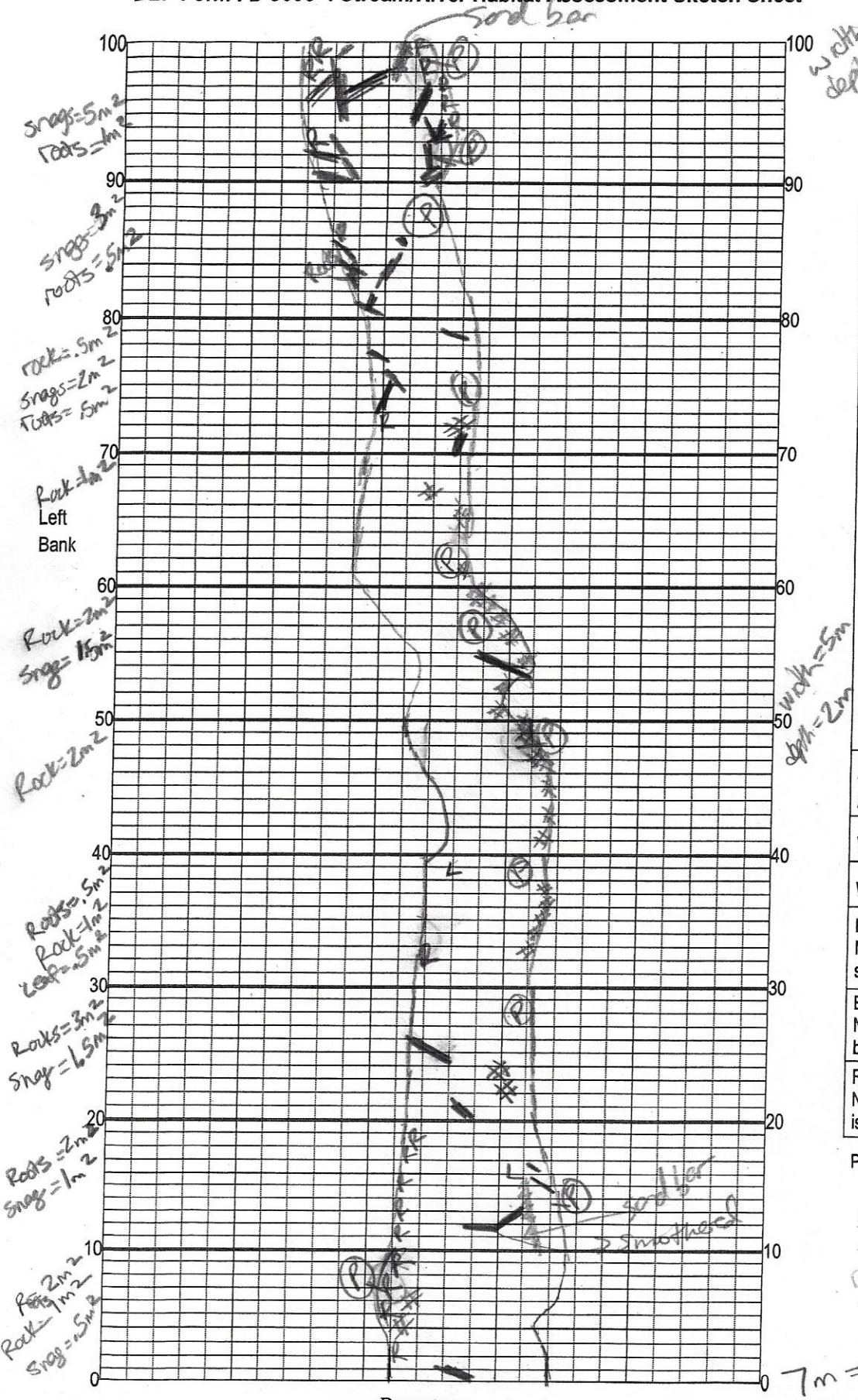
USGS gauge 02327100 @ 8.5 Ft. - ideal for sampling

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components (rock, snag, root) **Substrate Diversity** 14	Four or more major productive habitats present [snags, tree roots, aquatic vegetation, leaf packs (partially decayed), rock] 20 19 18 17 16	Three major productive habitats present. Adequate habitat. Some substrates may be new fall (fresh leaves or snags) 15 14 13 12 11	Two major productive habitats present. Less than desirable habitat, frequently disturbed or removed 10 9 8 7 6	One or less major productive habitat. Lack of habitat is obvious, substrates unstable or smothered 5 4 3 2 1
Substrate Availability 5	Greater than 30% major productive habitat present at site 20 19 18 17 16	16% to 30% major productive habitat, by aerial extent 15 14 13 12 11	6% to 15% major productive habitat 10 9 8 7 6	Less than 5% major productive habitat (5) 4 3 2 1
Water Velocity 11	Max. observed at typical transect: > 0.25 m/sec. But < 1 m/sec ≥0.33 0.31 0.29 0.27 >0.25 20 19 18 17 16	Max. observed at typical transect: >0.1 to 0.25 m/sec 0.25 0.21 0.17 0.13 >0.1 15 14 13 12 (11)	Max. observed at typical transect: 0.05 to 0.1 m/sec 0.1 0.09 0.07 0.06 0.05 10 9 8 7 6	Max. observed at typical transect: <0.05 m/sec; or spate occurring: > 1 m/sec <0.05 0.04 0.03 0.01 <0.01 5 4 3 2 1
Habitat Smothering 17 ---- Primary Score 47	Adequate number of stable pools (1-2 per 12 times width) and <25% of habitats affected by sand, silt, or algae. 20 19 18 (17) 16	Adequate number of stable pools (1-2 per 12 times width) and >25% of habitats affected by sand, silt, or algae. 15 14 13 12 11	Does not have required number of stable pools (1-2 per 12 x width) and/or has shallow pools (<2 x prevailing depth). 10 9 8 7 6	Stable pools are absent. Most habitats affected by sand, silt, or algae accumulation. 5 4 3 2 1
Secondary Habitat Components **Artificial Channelization** 20	Expected sinuosity given the stream width. No evidence of dredging or artificial straightening. No spoil banks. (20) 19 18 17 16	Good sinuosity within old channelized area. Evidence of dredging or straightening in the past (>25 yrs) but mostly recovered. 15 14 13 12 11	Straightened with trapezoidal cross section, but has a small degree of sinuosity developed within channelized area. 10 9 8 7 6	Straightened or engineered by dredging, has trapezoidal or box cut cross section, lacks required pools. May have spoil banks. 5 4 3 2 1
Bank Stability Right Bank 6 Left Bank 6	Bankfull > 60% of bank height. Slope of bank ≤ 60° from bankful to top of bank. Bankfull is within or above the woody root zone with few raw, eroded areas. 10 9	Only meets 2 of the 3 requirements for optimal bank stability. 8 7 (6)	Only meets 1 of the 3 requirements for optimal bank stability. 5 4	Bankfull < 60% of bank height. Slope of bank > 60°. Bankfull is below the woody root zone with raw, eroded areas. 3 2 1
Riparian Buffer Zone Width Right Bank 9 Left Bank 16	Width of vegetation greater than 18 m (10) (9)	Width of vegetation >12 to 18m 8 7 6	Width of vegetation 6 to 12 m. human activities close to system 5 4	Less than 6 m of buffer zone due to intensive human activities 3 2 1
Riparian Zone Vegetation Quality Right Bank 10 Left Bank 10 ---- Secondary Score 71	Over 80% of riparian surfaces consist of normal, expected plant community for given sunlight & habitat conditions (e.g., native plants; tree, shrub, and forbs represented, if appropriate). Minimal disturbance. (10) 9	>50% to 80% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Some disruption in community observed. 8 7 6	25% to 50% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Disruption obvious. 5 4	Less than 25% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). 3 2 1

118 **TOTAL SCORE**

Date:	Analyst:	Signature:
11/16/2020	O'Neal, Patronis, Piacente	Ashley Oneal

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



Length of grid represents 100 m of stream (not linear meters).
(Horizontal scale is double vertical scale, draw proportionately).

Location: Sopchoppy

Date: 11/16/2020

Sampler: Jennifer Placente & A. ONeal, J. Patrons

100 m: Latitude	
Longitude	
0 m: Latitude	
Longitude	

Substrates: Code key, draw proportionate habitat abundance. %

	Snags	
R	Roots/undercut banks	
L	Leaf Packs (or mats)	<1m²
	Aquatic Macrophytes	
#	Rock	
P	Pools	total # observed = 11
		# range expected =

Average width 7 m

Average depth .5 m

Velocity measured at 10 meter mark.

WQ & chemistry taken at 0 meter mark.

Habitat Smothering:
Note areas (on map) where sand or silt is smothering substrates, limiting habitability.

Bank Stability:
Note areas (on map) with unstable, eroding banks.

Riparian Buffer Width:
Note areas (on map) where natural vegetation is altered or eliminated.

Plants observed / other notes:

totals
rock = 10.5m²
snag = 14.5m²
root = 6.5m²
= 31.5m² / 700m²
.045

7m = width
.7m = depth

25
6.5
31.5

62-160.800, F.A.C

Revision Date: January 2017

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: Sopchoppy River | County: Wakulla | Date: 11/16/2020 | Investigators: Jennifer Piacente, AONeal Patrons

STORET Station Number: 22020050

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover
0	1	n		
	2	n		
	3	n		
	4	n-est	✓	
	5	n-est	✓	76
	6	n-est	✓	
	7	n-est	✓	
	8	n-est	✓	
	9	n-est	✓	
10	1	n		
	2	n		
	3	n		
	4	n		
	5	n		68
	6	n		
	7	n-est		
	8	n-est		
	9	n-est		
20	1	n-est		
	2	n-est		
	3	n-est		
	4	n		
	5	n-est		32
	6	n-est		
	7	n		
	8	n		
	9	n		
30	1	n	✓	
	2	n	✓	
	3	n	✓	
	4	n	✓	24
	5	n	✓	
	6	n	✓	32
	7	n	✓	
	8	n	✓	
	9	n		
40	1	n		
	2	n		
	3	n		
	4	n		
	5	n		72
	6	n		72
	7	n		
	8	n		
	9	n		
50	1	n	✓	
	2	n	✓	
	3	n	✓	
	4	n	✓	
	5	n	✓	see note
	6	n	✓	
	7	n	✓	
	8	n	✓	
	9	n		
60	1	n	✓	
	2	n	✓	
	3	n	✓	
	4	n	✓	
	5	n	✓	
	6	n	✓	76
	7	n		
	8	n		
	9	n		
70	1	n	✓	
	2	n	✓	
	3	n	✓	
	4	n	✓	
	5	n	✓	80
	6	n	✓	
	7	n	✓	
	8	n		
	9	n		
80	1	n	✓	
	2	n	✓	
	3	n	✓	
	4	n	✓	
	5	n		76
	6	n		
	7	n		
	8	n		
	9	n	✓	
90	1	n		
	2	n		
	3	n		
	4	n		
	5	n		72
	6	n		
	7	n		
	8	n		
	9	n	✓	
100	1	n	✓	
	2	n	✓	
	3	n	✓	
	4	n	✓	
	5	n	✓	80
	6	n	✓	80
	7	n	✓	
	8	n	✓	
	9	n	✓	

Secchi depth	.4
Estimated?	

# points ranked 4-6	0
total points assessed	~~77~~ 99
% points ranked 4-6	

Check accompanying data collected at same site/date.	
Algal mat sample	
Linear Veg Survey	X no plants
Habitat Assessment	X
SCI/Biorecon	X
Water sample	X

RQ- 2020-11-16-32

Algal Thickness Rank	
N	rough, no algae, slimy, algae up to 1mm
3	>1mm - 6mm
4	>6mm - 20mm
5	>20mm - 10 cm
6	>10 cm

@50 water too deep for densiometer reading

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 FORM FD 9000-32: LINEAR VEGETATION SURVEY FIELD SHEET

Waterbody: Sopchoppy River	Date: 11/16/2020	County: WAKULLA	Storet Number: 22020050
Analyst: A. O'Neal		Signature: Ashley O'Neal	

Comments:

NO PLANTS IN WATER

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1m² 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.

HERBACEOUS SPECIES	Meter Mark 0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Specimen collected (check)
Alternanthera philoxeroides											
Bacopa caroliniana											
Bacopa monneri											
Bidens mitis											
Boehmeria cylindrica											
Centella asiatica											
Ceratophyllum demersum											
Chara											
Cicuta maculata											
Cladium jamaicense											
Colocasia esculenta											
Commelina diffusa											
Commelina virginica											
Crinum americanum											
Diodia virginiana											
Eichhornia crassipes											
Eleocharis (wispy viviparous)											
Hydrilla verticillata											
Hydrocotle											
Hygrophila polysperma											
Hymenocallis											
Lachnanthes caroliniana											
Landoltia punctata											
Lemna											
Limnophila sessiflora											
Ludwigia leptocarpa											
Ludwigia palustris											
Ludwigia peruviana											
Ludwigia repens											
Luziola fluitans											
If no Dominant or Co-Dominant were selected, indicate with "X"											
Indicate % cover macrophytes per section											
0-5% Macrophyte Coverage											
>5 and ≤10% Macrophyte Coverage											
>10 and ≤25% Macrophyte Coverage											
>25 and ≤50% Macrophyte Coverage											
> 50% Macrophyte Coverage											

HERBACEOUS SPECIES	Meter Mark 0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Specimen collected (check)
Micranthemum glomeratum											
Micranthemum umbrosum											
Myriophyllum aquaticum											
Najas guadelupensis											
Nuphar luteum											
Orontium aquaticum											
Panicum hemitomon											
Panicum repens											
Panicum rigidulum											
Pistia stratioides											
Polygonum glabra											
Polygonum hydropiperoides											
Polygonum punctatum											
Pontedaria cordata											
Potamogeton illinoensis											
Ruellia simplex											
Sacciolepis striata											
Sagittaria kurziana											
Sagittaria lancifolia											
Sagittaria latifolia											
Salvinia minima											
Samolus parviflora											
Saururus cernuus											
Sparganium americanum											
Typha											
Vallisneria americana											
Zizania aquatica											

Form FD9000-28 Water Field Form 031306_FD9000-28.doc

SITE NAME: Sopchoppy River DATE: 11/10/2020 TIME 10:15 (military) (E)ST CST DEPTH^: .5 ft (m) FIELD ID: SOPREF

SAMPLING TEAM MEMBERS	WQ MEASUREMENTS	DOCUMENTATION	SAMPLE COLLECTION	PRESERVATION	PRESERVATION CHECK
A ONeal	X			X	X
J Patronis			X		
J Piacente (trainee)		X			

SAMPLING EQUIPMENT

☐ Sample Container ☐ Pole ☐ Pump ID#: ____ ☐ Tubing type: ____ ☐ Other ____ ☐ Other ____

WATER QUALITY MEASUREMENTS

Instrument ID: YSI 154185

COLLECTION MODE

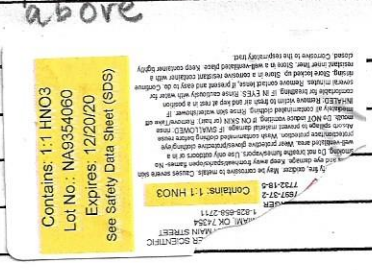
☒ Wading ☐ Diving ☐ From Shore ☐ Other ____

Via Boat: ☐ Canoe ☐ Electric Motor ☐ Gasoline Motor

Parameter Suite	Parameter(s)/Method	Matrix Code*	Preservation**	Preservative Lot #	pH Check	# Bottles***
Preserved Nutrients	☒TKN ☒TP ☒NOx ☒NH3 ☒TOC ☐Total N ☐Other:	S W	☒Ice ☒H_2SO_4	see notes	☒<2	1
Filtered Nutrients	☒oP ☐Other:	S W	☒Ice ☒.45 um Filter			1
Unpreserved Nutrients	☐NO_2 ☐NO_3 ☐SO4 ☐Other:	W	☐Ice			
Physical/Aggregate Properties	☒TDS ☒TSS ☐TS ☒Turbidity ☒Alk ☒Color ☐Other:	S W	☐Ice			1
Chlorophyll	☒CHL-PPTN-W	S W	☐Ice			1
BOD	☐BOD-INHB ☐BOD-UNIN	W	☐Ice			
Microbiology	MF: ☒E coli ☐T Coli ☐F Coli ☐Entero ☐F Strep	S W	☒Ice			1
Macroinvertebrates	☒MI-FW-QLDC ☐MI-FW-QLBR ☐MI-FW-QNNC ☐MI-MN-QNNC	S W	☒Formalin			3
Phytoplankton	☐PKD-QN-C ☐DTY-QN-C	W	☐Lugol's			
Periphyton	☐PRN-QL-C ☐DTM-QL-C ☐PRN-QN-C ☐DTM-QN-C	W	☐Formalin			
AGP	☐AA-AGP ☐AA-LIM-NUT	W	☐Ice			
Metals	☒W-ICP ☐W-FIAS ☒W-ICPMS ☐W-ICP-Tr	S W	☒HNO_3		☒<2	1
Filtered Metals	☐W-ICP-F ☐W-FIAS-F ☐W-ICPMS-F ☐W-ICP-Tr-F	W	☐HNO_3 ☐.45 um Filter		☐<2	
Mercury	☐W-HG-AF	W				
BaseNeutral / Acid Extractable	☐W-BNA ☐W-AE ☐W-BN ☐W-PAH	W	☐Ice			
	☐W-FL-PRO ☐W ☐Other:	W	☐Ice ☐H_2SO_4		☐<2	
Pesticides outdated	☐W-PEST-CL ☐W-PCB ☐W PEST-NP ☐W-PSCL-PCB	W	☐Ice			
	☐W-NP-AA-SF ☐W-PC-AA-SF ☐W-PSHRB-NP ☐W-SLFN-UREA ☐W-SULFN-LC ☐Other:	W	☐Ice			
	☐W-ACIDHERB	W	☐Ice ☐H_2SO_4			
	☐W-CARB	W	☐Ice ☐MCAA			
Purgeables	☐W-VOC-MS	W	☐Ice			
	☐W-VOC-MS-A	W	☐Ice ☐HCl			
Bioassay	Specify Test: ____	W	☐Ice			
OTHER w/phys/agg above	ions Cl-IC, F, SO4-IC	S W	☒Other: ice			phys/agg above

Notes:

Pesticides W-E8321-DI } 1
W-E8321-MS }
W-PSNP-TQ 3
PCR-BACR } 1
PCR-GFD }
PCR-HF183



Use one line for each set of sample (as supplied by the laboratory) containers. Use separate sheet for field or laboratory duplicate or blank or different water depth

^Enter "S" for surface if collected at a depth less than or equal to 1 foot

*Matrix Codes (Insert prefix): **SW** = Surface Water **GW** = Groundwater **DW** = Drinking Water **WW** = Wastewater **O** = Other:____

****PRESERVATIVES:1 ml added unless otherwise noted**

***Enter number of containers supplied by the laboratory for the test (e.g., 3 for volatile organics, etc.)

DEP Bureau of Laboratories Water Sample Collection Record

(Use with FDEP SOP-001/01 Form FD 9000-3 Physical/Chemical Characterization Field Sheet)

11-16-32

Request Number: RQ-2020-~~10-12-42~~

Reference Stream Sampling

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page 1 of 3

last revised Jan 25, 2018

Customer: BSSP

Project ID: SCIREF

Requester: Sarah Noble

Collected By: A O'Neal, J. Patronis

Field Report Prepared By: A. O'Neal

Sampling Agency: FDEP

Location Sopchoppy River	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 11/16/2020 Time 10:15	[✓ Eastern] Central	Composite end Date Time	Bottle Group(s) (See pg 2) A, B
Field ID SOPREF	Matrix (type, e.g., Salt, Fresh, etc) Fresh surface W	Diss. Oxygen 6.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET # 22020050	Temp (C) 19.0	pH 7.16	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm) 128.9	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Ashley O'Neal	11/16/2020 4:17 pm	hand delivery	3		11/16/2020 1615

Group: B Bottle Type: PJ-2L # of Bottles: 4 Preservative: Formalin **Enter Number of Bottles Sent to Lab** 3

MI-FW-QLDC