

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name WEST BRANCH SHIOC RIVER		Waterbody ID Code 318900	Sample ID (YYYYMMDD-CY-FD) 20191010-59-02
Sampling Location		Database Key 209699396	
SWIMS Station ID 593169		SWIMS Station Name WEST BRANCH SHIOC RIVER AT PORTER RD (AKA SOUTH RD)	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) WOLF RIVER		Watershed Name SHIOC RIVER	County SHAWANO

Sample and Site Descriptors	
Sample Collector (Last Name, First) ANDREW HUDAK	Project Name EAST DISTRICT NC STREAM STRATIFIED SITES 2019

Sampling Device

D-Frame Kick Net
 Surber Sampler
 Eckman
 Ponar
 Artificial Substrate
 Hess Sampler
 Other: _____

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 4	Estimated Area Sampled (m ²) 6	Number of Samples in Composite 1	Replicate No. 1 of 1
--------------------------------	---	-------------------------------------	----------------------

Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Natural Community Random stratified

Water Temp. (C) 12.2	D.O. (mg/l) 8.7	D.O. (% sat.) 88.9	pH (su) 7.8	Conductivity (umhos/cm) .840	Transparency (cm) 2.22
-------------------------	--------------------	-----------------------	----------------	---------------------------------	---------------------------

Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
---	---

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 4	Average Stream Width of reach (m) 0.4
---	--	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 30 Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 20
 Sand: 20 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 80

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton		U	U	Chlorine		U	U
- Filamentous Algae		U	U	Dissolved Oxygen		U	U
- Planktonic Algae		N	N	Nutrients (P, N...)		PL	PL
Iron Bacteria		N	N	Toxics: - Inorganic (Metals)		U	U
Macrophytes		U	U	- Organic (PCBs, pesticides...)		U	U
Slimes		U	U	Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PL	PL
Physical				Point Source - Specify:		U	U
Bank Erosion		PL	PL	Pasturing of Livestock		N	U
Channelization: - Upstream		U	U	Runoff: - Barnyard		N	U
- Downstream		U	U	- Construction		N	U
Hydraulic Scour / Channel Incision		U	U	- Cropland		N	U
Impoundment: - Upstream		N	N	- Urban		U	U
- Downstream		N	N	Septic Systems		U	U
Low Flow		N	N	Tile Drainage - Organic Soils		N	N
Sedimentation		U	U	- Mineral Soils		N	U
Sludge		N	N	Springs		N	N
Thermal		U	U	Tributary(s)		U	U
Turbidity		U	U	Wetland		U	U
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Noas, BAC	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 9/9/2020	Specimens Saved Subsample archived in ABC until Oct 2023	

C1 A2
 a1 25 42 = 142
 a2
 a3 45 30
 a4

