

Instructions: Bold fields must be completed.

08

Station Summary

Waterbody Name Unnamed Tributary to Big Weirgor - Star Lake		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 20161024-55-08
Sampling Location Downstream of Firelane Road Outlet		Database Key 133657635	
SWIMS Station ID 10047172	SWIMS Station Name UNNAMED TRIBUTARY TO BIG WEIRGOR CREEK-OUTLET OF STAR LAKE		
Latitude 45.58114	Longitude -91.39929	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or NAD83
Basin (WMU)	Watershed Name	County Rusk Cty 55	

Sample and Site Descriptors

Sample Collector (Last Name, First) JOSEPH CUNNINGHAM	Project Name BIG WIERGOR CREEK TWA TALU 2016
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Sampling Device

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)	Estimated Area Sampled (m²) 115m ²	Number of Samples in Composite 3-20sec	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Targeted Watershed Ass.

Water Temp. (C) 8.22	D.O. (mg/l) 8.48	D.O. (% sat.) 71.3	pH (su) Error	Conductivity (umhos/cm) 43	Transparency (cm) >120
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 2.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 40
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: 20 Other (____): _____
 Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 100

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

Comments

Below beaver impoundment

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Andrew Mohlmann	Taxonomist Derrick Jeffney	Estimated Percent of Sample Sorted 7%
Date Processed 2-27-17	Specimens Saved subsample archived in ABI into 1 Jul 2020	

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