

Instructions: Bold fields must be completed.

Station Summary	
Waterbody Name VERNA CREEK	Waterbody ID Code 1540200
Sample ID (YYYYMMDD-CY-FD) 20190925 VERCRK	
Sampling Location UPSTREAM from Spoonbik Bridge	Database Key - 641-05 207142533

SWIMS Station ID 10016074	SWIMS Station Name VERNA CREEK - 1ST RIFFLE BLW RUX RD.		
Latitude 45.96069	Longitude 89.73100	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Datum Used if using GPS WGS84 or NAD83		Basin (WMU) UPPER WISCONSIN	Watershed Name UPPER TOMAHAWK RIVER
		County VILAS	

Sample and Site Descriptors	
Sample Collector (Last Name, First) ALAN WIRT	Project Name MISHONAGON CREEK - TOMAHAWK RIVER TWA

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) 18	Estimated Area Sampled (m ²) 4	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 18.2	D.O. (mg/l) 7.67	D.O. (% sat.) 81.3	pH (su) 7.3	Conductivity (umhos/cm) 123.5	Transparency (cm) >120
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Water Color

Clear
 Turbid
 Stained

Estimated Stream Velocity (m/s)

Slow (< 0.15 m/s)
 Moderate (0.15 m/s - 0.5 m/s)
 Fast (> 0.5 m/s)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .1	Average Stream Width of reach (m) 2
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 20
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 70 Other (): _____

Embeddedness of Substrate at Sample Site (%) 25
 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			
				Point Source - Specify:			
				Pasturing of Livestock			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

82 2E = 82
3D = 67 Total = 149

For Lab Use Only

Sample Sorter <i>Murphy Steinhilber</i>	Taxonomist <i>Derrick Jeffrey</i>	Estimated Percent of Sample Sorted 13%
Date Processed <i>1/16/2020</i>	Specimens Saved <i>Subsample archived in ABS until Mar 2023</i>	

