

Instructions: Bold fields must be completed.

Station Summary	
Waterbody Name <u>Namekagon River</u>	Waterbody ID Code <u>2689500</u>
Sampling Location <u>30m upstream of Leonard's School Rd</u>	Sample ID (YYYYMMDD-CY-FD) <u>20160919-04-01</u>
SWIMS Station ID <u>10048920</u>	Database Key <u>147428228</u>
SWIMS Station Name <u>NAMEKAGON RIVER UPSTREAM LEONARD'S SCHOOL RD. (30M)</u>	
Latitude <u>46.17169</u>	Longitude <u>91.33012</u>
Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU)	Watershed Name
	County <u>Bayfield</u>

Sample and Site Descriptors
Sample Collector (Last Name, First) <u>MICHAEL MILLER</u>
Project Name <u>PARTNERSHIP TO DEVELOP REGIONAL MONITORING NET</u>

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) <u>15</u>	Estimated Area Sampled (m ²) <u>2</u>	Number of Samples in Composite <u>3</u>	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Climate change eval.

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm) <u>120+</u>
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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) <u>0.5</u>	Average Stream Width of reach (m) <u>15</u>
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 10
 Sand: 10 Clay: _____ Silt/Muck: 20 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 0
 Canopy Cover at Sample Site (%) 10

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Justin Kowalski	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 70%
Date Processed 10/12/17	Specimens Saved Subsample archived in dBC until Dec 2020	

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