

Instructions: Bold fields must be completed.

| Station Summary | | |
|---|-------------------------------------|---|
| Waterbody Name Totogatic River @ Nancy Lake Rd DS | Waterbody ID Code 2689800 | Sample ID (YYYYMMDD-CY-FD) 20201002-66-03 |
| Sampling Location Downstream Nancy Lake Road | | |

| | | |
|---|---|--|
| SWIMS Station ID 10022312 | SWIMS Station Name Totogatic River Downstream Nancy Lake Road | Database Key 265718910 |
| Latitude 46.09883 | Longitude -91.945085 | Lat/Long Determination method (circle) SWIMS SWDV GPS |
| Datum Used if using GPS NAD 27 or NAD83 | Basin (WMU) St. Croix | Watershed Name Lower Namekagon River |
| | | County Washburn |

Sample and Site Descriptors

| | |
|--|---|
| Sample Collector (Last Name, First) Cunningham, Joseph | Project Name NR LTT Wadeable Reference Stream |
|--|---|

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) 1 min | Estimated Area Sampled (m²) 1 m ² | Number of Samples in Composite 3-20 sec kicks | Replicate No. 1 of 1 |
|---|---|---|-----------------------------|

Reason for Sampling

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

| | | | | | |
|--------------------------------|---------------------------|------------------------------|-----------------------|---------------------------------------|----------------------------------|
| Water Temp. (C) 13.9 | D.O. (mg/l) 9.4 | D.O. (% sat.) 91.4 | pH (su) 7.2 | Conductivity (umhos/cm) 123 | Transparency (cm) >120 |
|--------------------------------|---------------------------|------------------------------|-----------------------|---------------------------------------|----------------------------------|

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

| | | |
|--|---|--|
| Measured Velocity circle units mps or cfs | Average Stream Depth of reach (m) 0.5 | Average Stream Width of reach (m) 25 m |
|--|---|--|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball or basketball): 40 Gravel (ladybug to tennisball.): 30
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: 10 Course Woody Debris: _____ Other (): _____

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