

Instructions: Bold fields must be completed.

| Station Summary | | | | | |
|--|---|--|--|---|------------------------|
| Waterbody Name DEVILS RIVER | | Waterbody ID Code 89900 | | Sample ID (YYYYMMDD-CY-FD) 20190918-3624 | |
| Sampling Location DS Zander Road | | | | Database Key 209711252 | |
| SWIMS Station ID 10052433 | | SWIMS Station Name DEVILS RIVER AT ZANDER ROAD | | | |
| Latitude | Longitude | Lat/Long Determination Method (circle) SWIMS SWDV GPS | | Datum Used if using GPS WGS84 or NAD83 | |
| Basin (WMU) TWIN - DOOR - KEWAUNEE | | Watershed Name WEST TWIN RIVER | | County MANITOWOC | |
| Sample and Site Descriptors | | | | | |
| Sample Collector (Last Name, First) MARY GANSBERG | | | Project Name EAST DISTRICT NC STREAM STRATIFIED SITES 2019 | | |
| Sampling Device | | | | | |
| <input checked="" type="checkbox"/> D-Frame Kick Net | | <input type="checkbox"/> Surber Sampler | | <input type="checkbox"/> Eckman | |
| <input type="checkbox"/> Ponar | | <input type="checkbox"/> Artificial Substrate | | <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____ | |
| Habitat Sampled | | | | | |
| <input checked="" type="checkbox"/> Riffle | | <input type="checkbox"/> Run | | <input type="checkbox"/> Pool | |
| <input type="checkbox"/> Other | | <input type="checkbox"/> Shoreline Composite | | <input type="checkbox"/> Proportionally-Sampled Habitat | |
| <input type="checkbox"/> Littoral Zone | | <input type="checkbox"/> Profundal Zone | | <input type="checkbox"/> Wetland | |
| Total Sampling Time (min) 2 | Estimated Area Sampled (m ²) 1.8 | Number of Samples in Composite 1 | | Replicate No. _____ of _____ | |
| Reason For Sampling | | | | | |
| <input type="checkbox"/> Least Impacted Reference | | <input type="checkbox"/> Baseline | | <input type="checkbox"/> Impact / Treatment Site | |
| <input type="checkbox"/> Control Site | | <input type="checkbox"/> Trend | | <input type="checkbox"/> Other: _____ | |
| Water Temp. (C) 18.5 | D.O. (mg/l) 7.4 | D.O. (% sat.) 79.1 | pH (su) 7.8 | Conductivity (umhos/cm) 573 | Transparency (cm) — |
| 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 m/s or f/s | Average Stream Depth of reach (m) 0.3 | | Average Stream Width of reach (m) 8.6 | | |
| Composition of Substrate Sampled (Percent): | | | | | |
| Bedrock: _____ | Boulders (basketball or larger): 10 | Rubble (tennisball to basketball): 80 | Gravel (ladybug to tennisball): 10 | | |
| Sand: _____ | Clay: _____ | Silt/Muck: _____ | Overhanging Vegetation: _____ | | |
| Aquatic Macrophytes: _____ | Leaf Snags: _____ | Coarse Woody Debris: _____ | Other (____): _____ | | |
| Embeddedness of Substrate at Sample Site (%) 20 | | | Canopy Cover at Sample Site (%) 20 | | |

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 <i>ERIC NAAS</i> | Taxonomist <i>Dimick Jeffrey</i> | Estimated Percent of Sample Sorted <i>20%</i> |
| Date Processed <i>8/4/2020</i> | Specimens Saved <i>Subsample archived in ABC into 1 Oct 2023</i> | |

*E3 B3 C2
 54 49 61 = 164*

