

Instructions: Bold fields must be completed.

| Station Summary | | | | | | |
|---|---|---|---|---|--|---|
| Waterbody Name CARPENTER CREEK | | | Waterbody ID Code 248800 | | Sample ID (YYYYMMDD-CY-FD) 20181017-70-01 | |
| Sampling Location | | | | | Database Key 168360432 | |
| SWIMS Station ID 10020683 | | SWIMS Station Name CARPENTER CREEK AT BRIDGE ON CTH NN | | | | |
| Latitude 44.155632 | Longitude -89.06529 | | Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS | | Datum Used if using GPS WGS84 or NAD83 | |
| Basin (WMU) WOLF RIVER | | | Watershed Name PINE AND WILLOW RIVERS | | County WAUSHARA | |
| Sample and Site Descriptors | | | | | | |
| Sample Collector (Last Name, First) DAVID BOLHA | | | | Project Name PINE RIVER 319 PROJECT-FUNDED TWA 2018 | | |
| 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 type="checkbox"/> Riffle <input checked="" 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) 3 | Estimated Area Sampled (m ²) 2.0 | | Number of Samples in Composite 1 | | Replicate No. <u>1</u> of <u>1</u> | |
| 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 checked="" type="checkbox"/> Other: <u>Targeted Watershed Assessment</u> | | | | | | |
| Water Temp. (C) 6.3 | D.O. (mg/l) 9.7 | D.O. (% sat.) 79.7 | pH (su) 6.6 | Conductivity (umhos/cm) 185.0 | Transparency (cm) 101 | |
| Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained | | | | Estimated Stream Velocity (m/s) <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) 0.5 | | Average Stream Width of reach (m) 3.0 | | |
| Composition of Substrate Sampled (Percent): | | | | | | |
| Bedrock: _____ | | Boulders (basketball or larger): _____ | | Rubble (tennisball to basketball): <u>10</u> | | Gravel (ladybug to tennisball): <u>50</u> |
| Sand: <u>40</u> | | Clay: _____ | | Silt/Muck: _____ | | Overhanging Vegetation: _____ |
| Aquatic Macrophytes: _____ | | Leaf Snags: _____ | | Coarse Woody Debris: _____ | | Other (____): _____ |
| Embeddedness of Substrate at Sample Site (%) <u>10</u> | | | | Canopy Cover at Sample Site (%) <u>0</u> | | |

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

Comments

Special Instructions for Laboratory

For Lab Use Only

| | | |
|-------------------------------|---|---|
| Sample Sorter Sam Lamarche | Taxonomist Dimick, Jeffrey | Estimated Percent of Sample Sorted 33% |
| Date Processed 3/4/19 | Specimens Saved Subsample archived in ABL until May 2022 | |

A1 E1 A2 C1 A3 D2
 17 38 51 22
 128 total Specs

