

Instructions: **Bold** fields must be completed.

| Station Summary | | | | | |
|---|--|---|---|---|---|
| Waterbody Name WILSON CREEK | | | Waterbody ID Code 2066000 | | Sample ID (YYYYMMDD-CY-FD) 20161025-17-06 |
| Sampling Location | | | | Database Key 133642216 | |
| SWIMS Station ID 173222 | | SWIMS Station Name WILSON CREEK AT 390TH ST BRIDGE | | | |
| Latitude 44.918167 | Longitude -91.96546 | | Lat/Long Determination Method (circle) SWIMS SWDV GPS | | Datum Used if using GPS WGS84 or NAD83 |
| Basin (WMU) LOWER CHIPPEWA | | Watershed Name WILSON CREEK | | County DUNN | |
| Sample and Site Descriptors | | | | | |
| Sample Collector (Last Name, First) Ring, Jacob | | | Project Name WILSON CREEK WEST TWA 2016 | | |
| Sampling Device | | | | | |
| <input checked="" type="checkbox"/> 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) 3.5 min | Estimated Area Sampled (m ²) 2 m² | | Number of Samples in Composite 1 | | Replicate No. 1 of 1 |
| 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) 45°F | D.O. (mg/l) | D.O. (% sat.) | pH (su) | Conductivity (umhos/cm) | Transparency (cm) |
| Water Color <input type="checkbox"/> Clear <input checked="" 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) | | |
| Measured Velocity circle units m/s or f/s | | Average Stream Depth of reach (m) | | Average Stream Width of reach (m) | |
| Composition of Substrate Sampled (Percent): | | | | | |
| Bedrock: _____ | | Boulders (basketball or larger): _____ | Rubble (tennisball to basketball): _____ | Gravel (ladybug to tennisball): _____ | |
| Sand: _____ | | Clay: _____ | Silt/Muck: _____ | Overhanging Vegetation: _____ | |
| Aquatic Macrophytes: _____ | | Leaf Snags: _____ | Coarse Woody Debris: 100 | Other (____): _____ | |
| Embeddedness of Substrate at Sample Site (%) _____ | | | Canopy Cover at Sample Site (%) 0 | | |

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

Comments Road work done at site in mid summer. Heavy rains washed sediments into stream and buried temp logger. Stream is all sand/silt/woody debris

Special Instructions for Laboratory

For Lab Use Only

| | | |
|-----------------------------------|---|--|
| Sample Sorter McKayla Gronholm | Taxonomist Dimick, Jeffrey | Estimated Percent of Sample Sorted 100% |
| Date Processed 1/6/17 | Specimens Saved Subsample archived in ABC until Mar 2020 | |

E2: 4 D1: 3 B3: 7 A2: 5 A1: 6
 B1: 8 C3: 9 C2: 4 C1: 1 A3: 10
 B2: 4 D3: 7 D2: 7 E1: 8 E3: 6 96