

Instructions: Bold fields must be completed.

| Station Summary | | | |
|---|-------------------------------|---|---|
| Waterbody Name NORTH BRANCH CEDAR CREEK | | Waterbody ID Code 22500 | Sample ID (YYYYMMDD-CY-FD) 20171113-67-01 |
| Sampling Location | | | Database Key 151099697 |
| SWIMS Station ID 10022038 | | SWIMS Station Name NORTH BRANCH CEDAR CREEK - UPSTREAM OF CTHY NN | |
| Latitude 43.362175 | Longitude -88.06961 | Lat/Long Determination Method (circle) SWIMS SWDV GPS | Datum Used if using GPS WGS84 or NAD83 |
| Basin (WMU) MILWAUKEE RIVER | | Watershed Name CEDAR CREEK | County WASHINGTON |

| Sample and Site Descriptors | |
|--|---|
| Sample Collector (Last Name, First) RACHEL SABRE | Project Name SER LONG-TERM TREND WADEABLE REFERENCE STREAMS |

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

Reason For Sampling

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

| | | | | | |
|--------------------------------|-----------------------------|----------------------------|------------------------|---|---------------------------------|
| Water Temp. (C) 2.98 | D.O. (mg/l) 13.28 | D.O. (%sat) 98.8 | pH (su) 7.53 | Conductivity (umhos/cm) 800.1 | Transparency (cm) 120 |
|--------------------------------|-----------------------------|----------------------------|------------------------|---|---------------------------------|

Water Color

Clear
 Turbid
 Stained

Estimated Stream Velocity (m/s)

Slow (< 0.15 m/s)
 Moderate (0.15 m/s - 0.5 m/s)
 Fast (> 0.5 m/s)

| | | | |
|-------------------------------|----------------------------|---|--|
| Measured Velocity — | circle units m/s or f/s | Average Stream Depth of reach (m) 0.25m | Average Stream Width of reach (m) |
|-------------------------------|----------------------------|---|--|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: 10 Clay: _____ Silt/Muck: 20 Overhanging Vegetation: 40
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 20 Other (): _____

Embeddedness of Substrate at Sample Site (%) 100% **Canopy Cover at Sample Site (%)** 10%

North Branch of Cedar Creek @ Hwy NN
 Station #10022038
 20171113-67-01
 Rachel Sabre
 1 of 1

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

Comments

Special Instructions for Laboratory

For Lab Use Only

| | | |
|-------------------------------------|--|--|
| Sample Sorter <i>Jesse Oberg</i> | Taxonomist <i>Dimick, Jeffrey</i> | Estimated Percent of Sample Sorted <i>20%</i> |
| Date Processed <i>10/24/18</i> | Specimens Saved <i>Subsample archived in BSL until Jan 2022</i> | |

B2 57 8hr C2 C3
 E3 44 4hr E2
 E3 48 2.5 A3

15.5 hr
 # 149

| Taxa | Life Stage | Bench Tally | Count | Taxonomic Reference | Condition | Unique Taxon |
|--|------------|-------------|-------|---------------------|-----------|--------------|
| Baetidae | L | I | 1 | Kivh 2016 | dam | |
| Stenacron | L | I | 1 | " | imm | |
| Calopteryx | L | I | 1 | West May 1946 | imm | N |
| C. maculata | L | III | 3 | " | | |
| Helicopsyche borealis | L | I | 1 | Hils 1945 | | |
| Hydropsyche annale | L | I | 1 | Schm Hils 1966 | | |
| H. betteni | L | I | 1 | " | | |
| Hydroptilidae | L | II | 2 | Hils 1945 | imm | |
| Limnephilidae | L | -II | 7 | " | imm | N |
| Platycentronus | L | I | 5 | " | imm | N |
| P. amicus | L | II | 2 | Wigg 1946 | | |
| Pycnosyche | L | II | 2 | Hils 1945 | | |
| Mystacides | L | I | 1 | " | imm | |
| Synclita | L | I | 1 | Solis 2008 | | |
| Dibriophra | L | -II | 7 | Hils Schm 1942 | | N |
| D. quadrinotata | A | II | 3 | " | | |
| Ophiocentrus | L | I | 1 | " | imm | |
| Cyphon | L | I | 1 | Hils 1945 | | |
| Nemerodromia | L | III | 4 | Court Merr 2008 | | |
| Neoplasta | L | II | 2 | " | | |
| Ephydriidae | P | I | 1 | Merr Webb 2008 | | |
| Simulium vittatum species complex 08110217 | L | 0-1 | 26 | Aal et al 2004 | | |
| Chrysops | L | I | 1 | Hils 1945 | | |
| Cricotopus (Cricotopus) | P | I | 1 | Coft et al 1966 | | N |
| Hyalella sp. cauda | A | VIII | 4 | Sorcek et al 2015 | | |
| Caecidotea intermedia | A | II | 2 | Will 1972 | | |
| Spercheon | A | I | 1 | Much 1984 | | |
| Cyclopidae | A | I | 1 | Thorp Reg 2016 | | |
| Daphniidae | A | I | 1 | " | | |
| Naididae | A | II | 2 | Brimfeld 1941 | | |
| Viriparidae | A | I | 1 | Thorp Reg 2016 | | |
| Salix Chironomidae | L | I-III | | | | |
| Tanyptera 08270000 | L | I | 1 | Cranston 2013 | imm | N |
| Climaxypus | L | -II | 7 | Cran Epl 2013 | | |
| Conchapelonia 08270700 | L | II | 2 | " | | |
| Pentaneura inconspicua | L | I | 1 | Bolton 2012 | | |

< 3 taxa, TVAL 52.0

