

Instructions: Bold fields must be completed.

Station Summary

| | | | |
|--|------------------|--|--|
| Waterbody Name NORTH BRANCH WILSON CREEK | | Waterbody ID Code 2067200 | Sample ID (YYYYMMDD-CY-FD) 20211020-17-2 |
| Sampling Location US bridge ~ 15m | | | Database Key 287769806 |
| SWIMS Station ID 173243 | | SWIMS Station Name WILSON CREEK NORTH BRANCH - NORTH BRANCH WILSON CREEK | |
| Latitude | Longitude | 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) MYCAL RALEIGH | Project Name WCR LONG-TERM TREND WADEABLE REFERENCE STREAM |
|---|--|

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) 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) 10.33°C | D.O. (mg/l) | D.O. (% sat.) | pH (su) | Conductivity (umhos/cm) | Transparency (cm) |
|-----------------------------------|--------------------|----------------------|----------------|--------------------------------|--------------------------|

| | |
|--|--|
| Water Color <input checked="" type="checkbox"/> Clear <input 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) 0.2 | Average Stream Width of reach (m) 2m |
|--|---|--|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 30
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 10 **Canopy Cover at Sample Site (%)** 80

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

Comments

Special Instructions for Laboratory

R2
 A1 B2 A3
 94-17 91-14 92-13 = 150
 93-10 93-10 93-26
 92-14 94-10 94-
 91-22 92-14 91-

For Lab Use Only

| | | |
|-----------------------------------|--|---|
| Sample Sorter Mary Joy Relagio | Taxonomist Dimick, Jeffrey | Estimated Percent of Sample Sorted R1 20.3% / R2 16% |
| Date Processed 12-2-2022 | Specimens Saved Subsamples archived in ABL until Mar 2026 | |

R1
 A1 C2 C1 B1
 92-14 94-3 94-3 94-28 = 130
 91-8 93-11 93-13 92-
 93-13 92-8 91-11 91-
 94-2 91-6 92-10 92-

