

Instructions: Bold fields must be completed.

Station Summary

| | | | |
|---|------------------------------|--|---|
| Waterbody Name NORTH BRANCH MILWAUKEE RIVER | | Waterbody ID Code 27100 | Sample ID (YYYYMMDD-CY-FD) 20191024-60-01 |
| Sampling Location OS 505 | | | Database Key 221307425 |
| SWIMS Station ID 10030491 | | SWIMS Station Name NICHOLS CREEK - DS OF CTH N | |
| Latitude 43.6467 | Longitude -88.0335 | Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u> | Datum Used if using GPS <u>WGS84</u> or NAD83 |
| Basin (WMU) MILWAUKEE RIVER | | Watershed Name NORTH BRANCH MILWAUKEE RIVER | County SHEBOYGAN |

Sample and Site Descriptors

| | |
|--|--|
| Sample Collector (Last Name, First) CRAIG HELKER | Project Name SER 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 | Estimated Area Sampled (m²) 1 | Number of Samples in Composite 1 | Replicate No. _____ of _____ |
|---------------------------------------|--|--|--|

Reason For Sampling

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

| | | | | | |
|--------------------------------|-----------------------------|------------------------------|----------------|---|----------------------------------|
| Water Temp. (C) 8.29 | D.O. (mg/l) 11.07 | D.O. (% sat.) 76.5 | pH (su) | Conductivity (umhos/cm) 747.0 | Transparency (cm) +120 |
|--------------------------------|-----------------------------|------------------------------|----------------|---|----------------------------------|

| | |
|--|---|
| 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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s) |
|--|---|

| | | |
|---|--|---|
| Measured Velocity 1.5 circle units m/s or f/s | Average Stream Depth of reach (m) .6 | Average Stream Width of reach (m) 1.5 |
|---|--|---|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 30
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 50 **Canopy Cover at Sample Site (%)** 0