

Instructions: Bold fields must be completed.

| Station Summary | | |
|-------------------------------------|-----------------------------------|---|
| Waterbody Name PINE CREEK | Waterbody ID Code 79900 | Sample ID (YYYYMMDD-CY-FD) 201609290801 |
| Sampling Location | | Database Key 134658323 |

| | | | |
|-------------------------------------|--|---|--|
| SWIMS Station ID 10020831 | SWIMS Station Name PINE CREEK - 200 FEET DOWNSTREAM FROM CTH T | | |
| Latitude | Longitude | Lat/Long Determination Method (circle) SWIMS SWDV GPS | |
| | | | Datum Used if using GPS WGS84 or NAD83 |

| | | |
|---------------------------------|---|--------------------------|
| Basin (WMU) MANITOWOC | Watershed Name SOUTH BRANCH MANITOWOC RIVER | County CALUMET |
|---------------------------------|---|--------------------------|

| Sample and Site Descriptors | |
|---|---|
| Sample Collector (Last Name, First) MARY GANSBERG | Project Name NER LONG-TERM TREND WADEABLE REFERENCE STREAMS |

Sampling Device

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) 8 | Estimated Area Sampled (m²) 4 | 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) 14.1 | D.O. (mg/l) 7.1 | D.O. (% sat.) 68.8 | pH (su) 7.6 | Conductivity (umhos/cm) 751 | Transparency (cm) |
|--------------------------------|---------------------------|------------------------------|-----------------------|---------------------------------------|--------------------------|

| | |
|--|--|
| Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained | Estimated Stream Velocity (m/s) <input checked="" 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 circle units m/s or f/s | Average Stream Depth of reach (m) 0.1 | Average Stream Width of reach (m) 5 |
|---|---|---|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 80 Gravel (ladybug to tennisball): 10
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 90