

Instructions: Bold fields must be completed.

Station Summary

| | | |
|--------------------------------------|------------------------------------|--|
| Waterbody Name CAVES CREEK | Waterbody ID Code 166100 | Sample ID (YYYYMMDD-CY-FD) 20181002-039-02 |
| Sampling Location | | Database Key 168360350 |

| | | | |
|-------------------------------------|---|---|--|
| SWIMS Station ID 10017030 | SWIMS Station Name CAVES CREEK AT 5TH AVE (DS OF CULVERT) | | |
| Latitude 43.92932 | Longitude -89.522606 | Lat/Long Determination Method (circle) SWIMS SWDV GPS | |
| Basin (WMU) UPPER FOX | | Watershed Name MONTELLO RIVER | Datum Used if using GPS WGS84 or NAD83 |
| County MARQUETTE | | | |

Sample and Site Descriptors

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|---|--|
| Sample Collector (Last Name, First) DAVID BOLHA | Project Name NER 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) 2 | Estimated Area Sampled (m²) 1.0 | 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) 11.6 | D.O. (mg/l) 9.4 | D.O. (% sat.) 88.2 | pH (su) 7.7 | Conductivity (umhos/cm) 307.6 | 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 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) 0.15 | Average Stream Width of reach (m) 2.0 |
|--|--|---|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 50
 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 (%) 100