

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name <u>Unnamed Trib to Montreal River</u>		Waterbody ID Code <u>2940700</u>	Sample ID (YYYYMMDD-CY-FD) <u>20191008-26-02</u>
Sampling Location <u>Downstream CTH B</u>		Database Key 226463898	
SWIMS Station ID 10052982		SWIMS Station Name UNNAMED TRIBUTARY (2940700) TO MONTREAL RIVER DS CTH B	
Latitude <u>46.52943</u>	Longitude <u>-90.38729</u>	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or <u>NAD83</u>
Basin (WMU) LAKE SUPERIOR		Watershed Name MONTREAL RIVER	County IRON

Sample and Site Descriptors	
Sample Collector (Last Name, First) JOSEPH CUNNINGHAM	Project Name MONTREAL RIVER TWA 2017-2018-2019 (2021 WQPLAN)

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) <u>1 min</u>	Estimated Area Sampled (m ²) <u>1 m²</u>	Number of Samples in Composite <u>3-20 second kicks</u>	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

Water Temp. (C) <u>10.5</u>	D.O. (mg/l) <u>9.9</u>	D.O. (% sat.) <u>88.6</u>	pH (su) <u>7.7</u>	Conductivity (umhos/cm) <u>258</u>	Transparency (cm) <u>>120</u>
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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) <u>0.15 m</u>	Average Stream Width of reach (m) <u>1.5 m</u>
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Composition of Substrate Sampled (Percent):

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

Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 70