

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name BOOMER CREEK		Waterbody ID Code 2941200		Sample ID (YYYYMMDD-CY-FD) 20191009-26-11	
Sampling Location 40 m DS of Trail Crossing.				Database Key 209649636	
SWIMS Station ID 10047693		SWIMS Station Name BOOMER CREEK OFF OF SNOWMOBILE TRAIL			
Latitude 46.75632	Longitude -90.39338	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS <u>WGS84</u> or NAD83	
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		
Sampling Device					
<input checked="" type="checkbox"/> D-Frame Kick Net		<input type="checkbox"/> Surber Sampler		<input type="checkbox"/> Eckman	
<input type="checkbox"/> Ponar		<input type="checkbox"/> Artificial Substrate		<input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____	
Habitat Sampled					
<input checked="" type="checkbox"/> Riffle		<input type="checkbox"/> Run		<input type="checkbox"/> Pool	
<input type="checkbox"/> Other		<input type="checkbox"/> Shoreline Composite		<input type="checkbox"/> Proportionally-Sampled Habitat	
<input type="checkbox"/> Littoral Zone		<input type="checkbox"/> Profundal Zone		<input type="checkbox"/> Wetland	
Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 3		Replicate No. _____ of _____	
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input checked="" type="checkbox"/> Other: <u>TWA</u>	
Water Temp. (C) 11.6	D.O. (mg/l) 9.5	D.O. (% sat.) 87.7	pH (su) 7.5	Conductivity (umhos/cm) 96.1	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 0.9 m/s or f/s		Average Stream Depth of reach (m) 0.3		Average Stream Width of reach (m) 0.3	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>40</u>	
Sand: _____		Clay: _____		Gravel (ladybug to tennisball): <u>60</u>	
Aquatic Macrophytes: _____		Leaf Snags: _____		Silt/Muck: _____	
Coarse Woody Debris: _____		Other (_____): _____		Overhanging Vegetation: _____	
Embeddedness of Substrate at Sample Site (%) <u>0</u>			Canopy Cover at Sample Site (%) <u>100</u>		