

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name POTATO RIVER, UNNAMED	Waterbody ID Code 5502349, 2906200	Sample ID (YYYYMMDD-CY-FD) 2018/024-26-13
--	--	---

Sampling Location	Database Key 169647898
--------------------------	----------------------------------

SWIMS Station ID 10039996	SWIMS Station Name POTATO RIVER 200M US OF STH 77
-------------------------------------	---

Latitude 46.3648687	Longitude -90.4097986	Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS WGS84 or NAD83
-------------------------------	---------------------------------	--	--

Basin (WMU) LAKE SUPERIOR	Watershed Name POTATO RIVER	County IRON
-------------------------------------	---------------------------------------	-----------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) MICHAEL SHUPRYT	Project Name MACROINVERTEBRATE SPATIAL ANALYSIS
---	---

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) 2	Number of Samples in Composite 1	Replicate No. 1 of 1
---------------------------------------	--	--	-----------------------------

Reason For Sampling

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

Water Temp. (C) 3.6	D.O. (mg/l) 12.6	D.O. (% sat.) 94.8	pH (su) 7.2	Conductivity (umhos/cm) 43	Transparency (cm) 7120
-------------------------------	----------------------------	------------------------------	-----------------------	--------------------------------------	----------------------------------

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 0.7	circle units m/s or f/s	Average Stream Depth of reach (m) 0.34	Average Stream Width of reach (m) 10
---------------------------------	-----------------------------------	--	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 30 Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 50
 Sand: 20 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 (%) 10