

Instructions: Bold fields must be completed.

<b>Station Summary</b>	
Waterbody Name POTATO RIVER	Waterbody ID Code 2906200
Sample ID (YYYYMMDD-CY-FD) 20181024-26-19	
Sampling Location	
Database Key 169647960	

SWIMS Station ID 10051934	SWIMS Station Name POTATO RIVER US SULLIVAN ROAD		
Latitude 46.4209289	Longitude -90.4595268	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	

<b>Sample and Site Descriptors</b>	
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) 1	Estimated Area Sampled (m <sup>2</sup> ) 2	Number of Samples in Composite 1	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) 3.4	D.O. (mg/l) 12.8	D.O. (% sat.) 95.9	pH (su) 7.0	Conductivity (umhos/cm) 60.4	Transparency (cm) 7120
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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 0.456	circle units m/s or f/s	Average Stream Depth of reach (m) 0.42	Average Stream Width of reach (m) ~10
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 40  
 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 (%) 0