

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> Kaminski Creek	<b>Waterbody ID Code</b> 2947700	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20181002-26-01
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**Sampling Location**

40 m DS Center Drive.

<b>SWIMS Station ID</b> 10051591	<b>SWIMS Station Name</b> Kaminski Creek 160 m DS Center Dr.	<b>Database Key</b> 168768993
<b>Latitude</b> 46.47267	<b>Longitude</b> -90.20256	<b>Lat/Long Determination method (circle)</b> SWIMS SWDV <b>GPS</b>
<b>Basin (WMU)</b> Lake Superior	<b>Watershed Name</b> Montreal River	<b>Datum Used if using GPS</b> NAD 27 or <b>NAD83</b>
		<b>County</b> Iron

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> Kleist, Jon	<b>Project Name</b> Montreal R. TWA
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**Sampling Device**

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

<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b> 3	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason for Sampling**

Least Impacted Reference       Baseline       Impact / Treatment Site  
 Control Site       Trend       Other: Montreal R. Watershed TWA

<b>Water Temp. (C)</b> 9.4	<b>D.O. (mg/l)</b> 11.2	<b>D.O. (% sat.)</b> 98.0	<b>pH (su)</b> 6.9	<b>Conductivity (umhos/cm)</b> 271	<b>Transparency (cm)</b> >120
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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)
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<b>Measured Velocity</b> circle units mps or cfs	<b>Average Stream Depth of reach (m)</b> 0.4	<b>Average Stream Width of reach (m)</b> 4
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball or basketball): 70 Gravel (ladybug to tennisball.): 20  
 Sand: 10 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Course Woody Debris: \_\_\_\_\_ Other ( ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 10      **Canopy Cover at Sample Site (%)** 100

# Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 08/14)

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## Stream and Watershed Descriptors

N = Not a problem  
U = Uncertain

PL= Present, Low Impact  
PH= Present, High Impact

Factors that may be Influencing Water Resource Integrity	Local	Water-shed	Factors that may be Influencing Water Resource Integrity	Local	Water-shed
<b>Biological</b>			<b>Chemical</b>		
Algae: - Diatoms / Periphyton	N	N	Chlorine	PL	N
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N,....)	N	N
Other -Specify:	N	N	Toxics: - Inorganic (Metals)	N	N
Iron Bacteria	N	N	- Organic (PCBs, pesticides ...)	N	N
Macrophytes	N	N	Other - Specify:		
Slimes	N	N	<b>Sources of Stream Impacts</b>		
Other - Specify:			Bank Erosion	N	N
<b>Physical</b>			Point Source - Specify:	N	N
Bank Erosion	N	U	Pasturing of Livestock	N	N
Channelization - Upstream	N	PL	Runoff: - Barnyard	N	N
- Downstream	N	N	- Construction	N	N
Hydraulic Scour / Channel Incision	N	U	- Cropland	N	N
Impoundment: - Upstream	N	PL	US H-2 - Urban	PL	
- Downstream	N	N	Septic Systems	N	N
Low Flow	N	N	Tile Drainage - Organic Soils	N	N
Sedimentation	N	U	- Minerals soils	N	N
Sludge	N	N	Springs	N	U
Thermal	N	U	Tributary(s)	N	U
Turbidity	N	N	Wetland	N	PL
Other - Specify:			Other - Specify:		

Comments *Impoundment upstream.*

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Kiersten Czarnecki</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13</i>
Date Processed <i>3/29/2019</i>	Specimens Saved <i>Subsample archived in DBL until Jun 2022</i>	

*A2: 675 spec*  
*D3: 755 spec*  
*E1:*

*USD*