

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name Kaari Creek	Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 20181002-26-02
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Sampling Location
60 m DS Mcki Rd.

SWIMS Station ID 10051583	SWIMS Station Name Kaari Creek. 175m DS Mcki Dr.	Database Key 168768989
Latitude 46.49423	Longitude -90.22010	Lat/Long Determination method (circle) SWIMS SWDV GPS
Basin (WMU) Lake Superior		Watershed Name Montreal River
		Datum Used if using GPS NAD 27 or NAD83
		County Iron

Sample and Site Descriptors

Sample Collector (Last Name, First) Kleist, Jon	Project Name Montreal 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

Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 3	Replicate No. 1 of 1
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Reason for Sampling

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

Water Temp. (C) 8.8	D.O. (mg/l) 11.6	D.O. (% sat.) 100.0	pH (su) 7.2	Conductivity (umhos/cm) 252	Transparency (cm) >120
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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)
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Measured Velocity circle units mps or cfs	Average Stream Depth of reach (m) 0.4	Average Stream Width of reach (m) 4
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball or basketball): 40 Gravel (ladybug to tennisball.): 30
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Course Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 50

Wadeable Macroinvertebrate Field Data Report

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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
Biological			Chemical		
Algae: - Diatoms / Periphyton	N	N	Chlorine	N	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	PL	- Organic (PCBs, pesticides ...)	N	N
Macrophytes	N	N	Other - Specify:		
Slimes	N	N	Sources of Stream Impacts		
Other - Specify:			Bank Erosion	PL	PL
Physical			Point Source - Specify:	N	N
Bank Erosion	PL	PL	Pasturing of Livestock	PL	PL
Channelization - Upstream	PL	PL	Runoff: - Barnyard	PL	N
- Downstream	N	N	- Construction	PL	PL
Hydraulic Scour / Channel Incision	N	N	- Cropland	N	N
Impoundment: - Upstream	N	N	- Urban	N	N
- Downstream	N	N	Septic Systems	N	N
Low Flow	N	N	Tile Drainage - Organic Soils	N	N
Sedimentation	PL	PL	- Minerals soils	N	N
Sludge	N	N	Springs	PL	PL
Thermal	N	N	Tributary(s)	N	U
Turbidity	N	N	Wetland	PL	PL
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

IC = 174

Total = 174

For Lab Use Only

Sample Sorter <i>Murphy Steinhilber</i>	Taxonomist <i>Derrick Jeffney</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>3/26/2019</i>	Specimens Saved <i>Subsample archived in ABC until Jun 2022</i>	