

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name VANCE CREEK	Waterbody ID Code 2077100	Sample ID (YYYYMMDD-CY-FD) 20160929-03-02
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Sampling Location US 5m from bridge	Database Key 133642064
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SWIMS Station ID 10036976	SWIMS Station Name VANCE CREEK AT 5TH ST.
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Latitude 45.217983	Longitude -92.054146	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER CHIPPEWA	Watershed Name HAY RIVER	County BARRON
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Sample and Site Descriptors

Sample Collector (Last Name, First) Ring, Jake	Project Name BIG BEAVER CREEK TWA [SECTION 319] 2016
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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) 2min	Estimated Area Sampled (m²) 1m 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)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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 m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 2m
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Composition of Substrate Sampled (Percent):

Bedrock: _____
 Boulders (basketball or larger): 10
 Rubble (tennisball to basketball): 50
 Gravel (ladybug to tennisball): 20
 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 (%) 0

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Andrew Kohlmann	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 1/6/2017	Specimens Saved Subsample archived in ABC label Apr 2020	

A3-50
 D1-93
 C1-129