

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name NORTH BRANCH WILSON CREEK		Waterbody ID Code 2067200	Sample ID (YYYYMMDD-CY-FD) 20161018-17-02
Sampling Location DS 1m of bridge			Database Key 133642292
SWIMS Station ID 173243	SWIMS Station Name WILSON CREEK NORTH BRANCH - NORTH BRANCH WILSON CREEK		
Latitude 44.988812	Longitude -92.1155213	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA		Watershed Name WILSON CREEK	County DUNN

Sample and Site Descriptors

Sample Collector (Last Name, First) King, Jacob	Project Name WCR LONG-TERM TREND WADEABLE REFERENCE STREAMS
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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) 2 min	Estimated Area Sampled (m²) 1.5	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 11.7°C (53°F)	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) .2	Average Stream Width of reach (m) 3
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 50
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 0 **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	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton		N		Chlorine			
- Filamentous Algae		N		Dissolved Oxygen			
- Planktonic Algae		N		Nutrients (P, N...)			
Iron Bacteria		U		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			
Bank Erosion		N		Runoff: - Barnyard		N	
Channelization: - Upstream		N		- Construction		N	
- Downstream		N		- 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		U		Wetland			
Turbidity		N		Other - Specify:			
Other - Specify:							

Comments

15m DS to 30m US, stream has gravel/rubble substrate, then switches

Special Instructions for Laboratory

to mostly sand/silt/clay.

Reference site

For Lab Use Only

Sample Sorter Taylor Hartz	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 8-22-17	Specimens Saved Subsample archived in ABC vials Nov 2020	

C3 53
 A2 43
 D2 74

