

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name NORTH BRANCH WILSON CREEK		Waterbody ID Code 2067200	Sample ID (YYYYMMDD-CY-FD) 20161020-17-05
Sampling Location 50m DS of bridge, about 25m below beaver dam.			Database Key 133642188
SWIMS Station ID 10011607		SWIMS Station Name NORTH BRANCH WILSON CREEK - 1-N. BRANCH WILSON CREEK. 20' U.S. OF 770T	
Latitude 44.95914	Longitude -92.05252	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) Raleigh, Mycal	Project Name WILSON CREEK WEST TWA 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) 1 min	Estimated Area Sampled (m²) 2 m ²	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) 46°F	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input checked="" 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) .3	Average Stream Width of reach (m) 4m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10% Gravel (ladybug to tennisball): 70%
 Sand: 10% Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 10% Other (): _____
 Embeddedness of Substrate at Sample Site (%) 10% Canopy Cover at Sample Site (%) 50%

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

Comments This stream is always turbid compared to m-br Wilson less than 1/2 mile away. Doesn't appear to be impacting the stream but is a trait that is backed up by anecdotal reports from area residents.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Andrew Kohlmann	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 1/4/17	Specimens Saved Subsample archived in ABC until Mar 2020	

A3-317