

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> WILSON CREEK		<b>Waterbody ID Code</b> 2066000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161025-17-05
<b>Sampling Location</b> under bridge			<b>Database Key</b> 133642204
<b>SWIMS Station ID</b> 10010853		<b>SWIMS Station Name</b> WILSON CREEK - WILSON CREEK STATION 4 690TH AVE.	
<b>Latitude</b> 44.93	<b>Longitude</b> -91.99684	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> LOWER CHIPPEWA		<b>Watershed Name</b> WILSON CREEK	<b>County</b> DUNN

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> Raleigh, Myral	<b>Project Name</b> 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

<b>Total Sampling Time (min)</b> 1 min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2 m <sup>2</sup>	<b>Number of Samples in Composite</b> 1	<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: \_\_\_\_\_

<b>Water Temp. (°C)</b>	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b>
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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 m/s or f/s	<b>Average Stream Depth of reach (m)</b> 3 m	<b>Average Stream Width of reach (m)</b> 9 m
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 20% Rubble (tennisball to basketball): 50% Gravel (ladybug to tennisball): 20%

Sand: 10% Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_

Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 15%     
 **Canopy Cover at Sample Site (%)** \_\_\_\_\_

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

Comments Nice large wooded and meadow <sup>locality</sup> buffer > 40m either side of stream US, and DS.  
 Sweet to find less human impact for once.

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter <i>Bonnie Richards</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>27</i>
Date Processed <i>1-6-17</i>	Specimens Saved <i>Subsample archived in ABL until Mar 2020</i>	

C3:40 E2:39 C2:38  
 D1:30  
 (153)