

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name UNNAMED			Waterbody ID Code 2067100		Sample ID (YYYYMMDD-CY-FD) 20161020-17-01
Sampling Location 5m US culvert					Database Key 133642200
SWIMS Station ID 10011631		SWIMS Station Name UNNAMED 1-CR. 3-9. 900' D.S. OF 171TH ST.			
Latitude 44.939804	Longitude -92.08282		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		
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 (m ²) 3 m ²		Number of Samples in Composite 1		Replicate No. 1 of 1
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)
Water Color ☒ Clear ☐ Turbid ☐ Stained				Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)	
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 2m		Average Stream Width of reach (m) 1m	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: _____		Clay: _____		Silt/Muck: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: 10% Overhanging Vegetation: 90%	
Other (_____): _____		Canopy Cover at Sample Site (%) 0%			

Stream and Watershed Descriptors

N = Not a problem PL = Present, Low Impact
U = Uncertain 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	U	U
- Filamentous Algae	N		Dissolved Oxygen	U	U
- Planktonic Algae	N		Nutrients (P, N...)	U	U
Iron Bacteria	N		Toxics: - Inorganic (Metals)	U	U
Macrophytes			- Organic (PCBs, pesticides...)	U	U
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	
			Point Source - Specify:	N	
Physical			Pasturing of Livestock	N	U
Bank Erosion			Runoff: - Barnyard	N	U
Channelization: - Upstream	PH	U	- Construction	N	U
- Downstream	PH	U	- Cropland	PH	PH
Hydraulic Scour / Channel Incision	N		- Urban	N	N
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	U	Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation	N		Springs		
Sludge	N		Tributary(s)		
Thermal			Wetland		
Turbidity			Other - Specify:		
Other - Specify:					

Comments Channelized stream with corn fields + ag right up to the channel.

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
McKayla Gironholm	Dimick, Jeffrey	13%
Date Processed	Specimens Saved	
1/3/17	Subsample archived in ABC until Mar 2020	

EI: 77
A3: 48

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