

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name CARPENTER CREEK			Waterbody ID Code 248800		Sample ID (YYYYMMDD-CY-FD) 20181017-70-01	
Sampling Location					Database Key 168360432	
SWIMS Station ID 10020683		SWIMS Station Name CARPENTER CREEK AT BRIDGE ON CTH NN				
Latitude 44.155632	Longitude -89.06529		Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) WOLF RIVER			Watershed Name PINE AND WILLOW RIVERS		County WAUSHARA	
Sample and Site Descriptors						
Sample Collector (Last Name, First) DAVID BOLHA				Project Name PINE RIVER 319 PROJECT-FUNDED TWA 2018		
Sampling Device						
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____						
Habitat Sampled						
<input type="checkbox"/> Riffle <input checked="" type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland						
Total Sampling Time (min) 3	Estimated Area Sampled (m ²) 2.0		Number of Samples in Composite 1		Replicate No. <u>1</u> of <u>1</u>	
Reason For Sampling						
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: <u>Targeted Watershed Assessment</u>						
Water Temp. (C) 6.3	D.O. (mg/l) 9.7	D.O. (% sat.) 79.7	pH (su) 6.6	Conductivity (umhos/cm) 185.0	Transparency (cm) 101	
Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained				Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.5		Average Stream Width of reach (m) 3.0		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>10</u>		Gravel (ladybug to tennisball): <u>50</u>
Sand: <u>40</u>		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____		Other (____): _____
Embeddedness of Substrate at Sample Site (%) <u>10</u>				Canopy Cover at Sample Site (%) <u>0</u>		

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Sam Lamarche	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 33%
Date Processed 3/4/19	Specimens Saved Subsample archived in ABL until May 2022	

A1 E1 A2 C1 A3
 17 38 51 22

D2

128 total specs