

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name CARPENTER CREEK		Waterbody ID Code 248800		Sample ID (YYYYMMDD-CY-FD) 20181017-70-02	
Sampling Location				Database Key 168360428	
SWIMS Station ID 10020685		SWIMS Station Name CARPENTER CREEK 2 AT BRIDGE ON CTH M			
Latitude 44.17959	Longitude -89.05607	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) 5.4	D.O. (mg/l) 8.4	D.O. (% sat.) 67.3	pH (su) 6.5	Conductivity (umhos/cm) 94.8	Transparency (cm) 103
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 checked="" 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) 1.0		Average Stream Width of reach (m) 3.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): <u>20</u>	
Sand: <u>10</u>		Clay: _____	Silt/Muck: <u>10</u>	Overhanging Vegetation: <u>20</u>	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: <u>40</u>	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) <u>—</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		N	PL
				Point Source - Specify:		N	N
				Pasturing of Livestock		N	N
Channelization: - Upstream		PH	PH	Runoff: - Barnyard		N	PL
- Downstream		PH	PH	- Construction		N	N
Hydraulic Scour / Channel Incision		N	N	- Cropland		PL	PL
Impoundment: - Upstream		N	N	- Urban		N	N
- Downstream		N	N	Septic Systems		PL	PL
Low Flow		PL	PL	Tile Drainage - Organic Soils		PL	PL
Sedimentation		PH	PH	- Mineral Soils		PL	PL
Sludge		N	N	Springs		PL	PL
Thermal		N	N	Tributary(s)		PH	PH
Turbidity		PL	PL	Wetland		PH	PH
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Kiersten Czarniecki	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 3/5/2019	Specimens Saved 201 subsample archived in ABL until May 2022	

① E2=86 ② C3=115 = 201