

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name BIG DRYWOOD CREEK		Waterbody ID Code 2154800		Sample ID (YYYYMMDD-CY-FD) 20181023-09-4	
Sampling Location US bridge ~ 8m				Database Key 169413407	
SWIMS Station ID 10008672		SWIMS Station Name 5 - BIG DRYWOOD CREEK - 250TH ST			
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) LOWER CHIPPEWA		Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER		County CHIPPEWA	
Sample and Site Descriptors					
Sample Collector (Last Name, First) CHRISTOPHER J WILLGER , CHRISTOPHER J WILLGER, Mycal Zelenka			Project Name BIG DRYWOOD/LITTLE DRYWOOD 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) 30s	Estimated Area Sampled (m²) 1m ²		Number of Samples in Composite 1		Replicate No. 1 of 1
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: TWA	
Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
Water Color			Estimated Stream Velocity (m/s)		
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<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)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.2		Average Stream Width of reach (m) 4	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 10	Rubble (tennisball to basketball): 90	Gravel (ladybug to tennisball): _____	
Sand: _____		Clay: _____		Silt/Muck: _____	
Overhanging Vegetation: _____					
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Other (): _____					
Embeddedness of Substrate at Sample Site (%) 0			Canopy Cover at Sample Site (%) 0		

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Macayla Greider</i>	Taxonomist <i>Dimick, Jeffray</i>	Estimated Percent of Sample Sorted <i>27</i>
Date Processed <i>5/13/19</i>	Specimens Saved <i>129 subsample archived in ABC until Jul 2022</i>	

% sort:
 Specs:
 Grids: B3(33) + D2(9) + C1(56) + 31(E1)