

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name QUARTER CREEK			Waterbody ID Code 2077200		Sample ID (YYYYMMDD-CY-FD) 20160929-17-05
Sampling Location 10m DS bridge moving to DS 5m from bridge				Database Key 133642056	
SWIMS Station ID 10011707		SWIMS Station Name QUARTER CREEK - 2- 50' U.S. OF CTH V			
Latitude 45.19268	Longitude -92.027016		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA		Watershed Name HAY RIVER		County DUNN	
Sample and Site Descriptors					
Sample Collector (Last Name, First) Raleigh, Mycal			Project Name BIG BEAVER CREEK TWA [SECTION 319] 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) 3 min		Estimated Area Sampled (m ²) 2 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)		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) 1.5m	
Composition of Substrate Sampled (Percent):					
Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____					
Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 20%					
Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 80% Other (): _____					
Embeddedness of Substrate at Sample Site (%) _____ 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		
- Filamentous Algae	N		Dissolved Oxygen		
- Planktonic Algae	N		Nutrients (P, N...)		
Iron Bacteria	N		Toxics: - Inorganic (Metals)		
Macrophytes	N		- Organic (PCBs, pesticides...)		
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion		
			Point Source - Specify:	N	N
			Pasturing of Livestock	N	
			Runoff: - Barnyard		
			- Construction	N	
			- Cropland	PL	
			- Urban	N	N
			Septic Systems		
			Tile Drainage - Organic Soils		
			- Mineral Soils		
			Springs		
			Tributary(s)		
			Wetland		
			Other - Specify:		
Physical					
Bank Erosion	N				
Channelization: - Upstream	N				
- Downstream	N				
Hydraulic Scour / Channel Incision	N				
Impoundment: - Upstream	N				
- Downstream	N				
Low Flow					
Sedimentation	N				
Sludge	N				
Thermal					
Turbidity					
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Mekayla Giron	Taxonomist M. Dimick, Jeffrey	Estimated Percent of Sample Sorted 53%
Date Processed 1/7/16	Specimens Saved Subsample archived in ABC until Apr 2020	

C2: 19 E2: 15 D3: 14
A3: 10 D2: 10 76 B1: 20 52
C1: 18 B3: 16 C3: -

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