

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name CADY CREEK			Waterbody ID Code 2058000		Sample ID (YYYYMMDD-CY-FD) 20200929-4891
Sampling Location Under bridge				Database Key 249835526	
SWIMS Station ID 10009648		SWIMS Station Name CADY CREEK 1- CTH P			
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS			Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA		Watershed Name EAU GALLE RIVER			County PIERCE
Sample and Site Descriptors					
Sample Collector (Last Name, First) MYCAL RALEIGH			Project Name WCR LONG-TERM TREND WADEABLE REFERENCE STREAM		
Sampling Device					
☒ D-Frame 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) 0.5 min		Estimated Area Sampled (m ²) 1.5		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: Long term trend					
Water Temp. (C) 11.1	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
Water Color				Estimated Stream Velocity (m/s)	
☒ Clear ☐ Turbid ☐ Stained				☐ 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) 0.2		Average Stream Width of reach (m) 5	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 10		Rubble (tennisball to basketball): 70	
Sand: _____		Clay: _____		Gravel (ladybug to tennisball): 20	
Aquatic Macrophytes: _____		Silt/Muck: _____		Overhanging Vegetation: _____	
Leaf Snags: _____		Coarse Woody Debris: _____		Other (): _____	
Embeddedness of Substrate at Sample Site (%) 10		Canopy Cover at Sample Site (%) 100			

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Seline Walters</i>	Taxonomist <i>Dimick, Jeffery</i>	Estimated Percent of Sample Sorted <i>10.9%</i>
Date Processed <i>1/11/2021</i>	Specimens Saved <i>139 subsample archived in ABC until Mar 2025</i>	

B2
Q4:18
Q3:40
Q2:25
Q1:30

D4
Q3:3
Q2:9
Q4:14
Q1

Taxonomist: Dimick, Jeffrey

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