

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name GRAHAM CREEK			Waterbody ID Code 2124700		Sample ID (YYYYMMDD-CY-FD) 20200929-1805	
Sampling Location US bridge 5m					Database Key 249835534	
SWIMS Station ID 10009825		SWIMS Station Name GRAHAM CREEK - STATION 1 SPRUCE RD				
Latitude		Longitude		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA			Watershed Name LOWES AND ROCK CREEKS		County EAU CLAIRE	
Sample and Site Descriptors						
Sample Collector (Last Name, First) MYCAL RALEIGH				Project Name WCR LONG-TERM TREND WADEABLE REFERENCE STREAM		
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 checked="" type="checkbox"/> Riffle		<input 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) 0.5		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: Long Term Trend		
Water Temp. (C) 13.3	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)		Transparency (cm)
Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input 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 type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.1		Average Stream Width of reach (m) 4.5		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 80		Gravel (ladybug to tennisball): 10
Sand: 10		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 (%) 80		

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		N	U
				Point Source - Specify:			
				Pasturing of Livestock		U	U
Physical				Runoff: - Barnyard		U	U
Bank Erosion		N	U	- Construction		U	U
Channelization: - Upstream		N	U	- Cropland		U	U
- Downstream		N	U	- Urban		U	U
Hydraulic Scour / Channel Incision		N	U	Septic Systems		U	U
Impoundment: - Upstream		N	U	Tile Drainage - Organic Soils		U	U
- Downstream		N	U	- Mineral Soils		U	U
Low Flow		N	U	Springs		U	U
Sedimentation		N	U	Tributary(s)		U	U
Sludge		N	U	Wetland		U	U
Thermal		N	U	Other - Specify:			
Turbidity		N	U				
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Selina Walters	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7.8%
Date Processed 1/12/2021	Specimens Saved 156 subsample Archived in ABL until Mar 2025	

B2
 Q3:20
 Q2:55
 Q1:46
 Q4

C4
 Q2:22
 Q3:13
 Q4

