

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name GRAHAM CREEK	Waterbody ID Code 2124700	Sample ID (YYYYMMDD-CY-FD) 2017/06/18-05
Sampling Location US of bridge ~4m		Database Key 148368964

SWIMS Station ID 10009825	SWIMS Station Name GRAHAM CREEK - STATION 1 SPRUCE RD		
Latitude 44.66451	Longitude -91.47879	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 STREAMS

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) 5 min (60 sec)	Estimated Area Sampled (m ²) 6.2	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 13.48	D.O. (mg/l) 10.37	D.O. (% sat.) 99.5	pH (su) 7.45	Conductivity (umhos/cm) 208	Transparency (cm)
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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 type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .1	Average Stream Width of reach (m) 2.2
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 70 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 (%) 10 Canopy Cover at Sample Site (%) 10

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Sam Lamacie	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 10/31/18	Specimens Saved Subsample archived in ABC until Jan 2022	

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