

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name			Waterbody ID Code		Sample ID (YYYYMMDD-CY-FD) 20180718-50-9
Sampling Location RSS-E-6m-4g-071818			Database Key 164643079		
SWIMS Station ID 10049342		SWIMS Station Name EMMONS CREEK - EXPERIMENTAL REACH NEAR STRATTON LAKE RD			
Latitude 44.29626	Longitude -89.24053	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) WOLF RIVER		Watershed Name WAUPACA RIVER		County PORTAGE	
Sample and Site Descriptors					
Sample Collector (Last Name, First) DAVID A BOLHA, MICHAEL P SHUPRYT			Project Name EMMONS CREEK DISCHARGE REDUCTION MI FY18		
Sampling Device					
☐ D-Frame Kick Net ☐ Surber Sampler ☐ Eckman ☐ Ponar ☐ Artificial Substrate ☐ Hess Sampler ☒ Other: Core					
Habitat Sampled					
☐ Riffle ☐ Run ☐ Pool ☐ Other ☐ Shoreline Composite ☐ Proportionally-Sampled Habitat ☐ Littoral Zone ☐ Profundal Zone ☐ Wetland					
Total Sampling Time (min)		Estimated Area Sampled (m ²)		Number of Samples in Composite	
				Replicate No. _____ of _____	
Reason For Sampling					
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☒ Other: Special Project					
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)		Average Stream Width of reach (m)	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: _____		Clay: _____		Gravel (ladybug to tennisball): _____	
Aquatic Macrophytes: _____		Silt/Muck: _____		Overhanging Vegetation: _____	
Leaf Snags: _____		Coarse Woody Debris: _____		Other (): _____	
Embeddedness of Substrate at Sample Site (%) _____ Canopy Cover at Sample Site (%) _____					

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted
Date Processed	Specimens Saved <i>sample archived in dBL until Sept 2022</i>	

Waterbody: **Emmons Creek**
SWIMS Database Key: **164643079**
Taxonomist: **Dimick, Jeffrey**

[illegible]