

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name		Waterbody ID Code		Sample ID (YYYYMMDD-CY-FD) <i>20181021-50-3</i>	
Sampling Location <i>RSS-R - 26m - 3g - 102118</i>				Database Key 177584044	
SWIMS Station ID 10049350		SWIMS Station Name EMMONS CREEK - CONTROL REACH NEAR STRATTON LAKE RD			
Latitude 44.29605	Longitude -89.24131	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					
<input 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 checked="" type="checkbox"/> Other: <i>Core</i>					
Habitat Sampled					
<input 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)	Estimated Area Sampled (m ²)	Number of Samples in Composite		Replicate No. _____ of _____	
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: <i>Special Project</i>	
Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
Water Color			Estimated Stream Velocity (m/s)		
<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity	Average Stream Depth of reach (m)		Average Stream Width of reach (m)		
circle units m/s or f/s					
Composition of Substrate Sampled (Percent):					
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____		
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____		
Aquatic Macrophytes: _____	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			
				Point Source - Specify:			
Physical				Pasturing of Livestock			
	Bank Erosion			Runoff: - Barnyard			
	Channelization: - Upstream			- Construction			
	- Downstream			- Cropland			
	Hydraulic Scour / Channel Incision			- Urban			
	Impoundment: - Upstream			Septic Systems			
	- Downstream			Tile Drainage - Organic Soils			
	Low Flow			- Mineral Soils			
	Sedimentation			Springs			
	Sludge			Tributary(s)			
	Thermal			Wetland			
	Turbidity			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 ABL in April Oct 2022</i>	

