

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name		Waterbody ID Code		Sample ID (YYYYMMDD-CY-FD) <i>20180923-50-2</i>	
Sampling Location <i>RSS-R-12m-4g-092318</i>				Database Key 177584012	
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 (m²)		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 PL = Present, Low Impact
 U = Uncertain 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:			
				Pasturing of Livestock			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
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 until Sept 2022</i>	

