

Instructions: Bold fields must be completed.

Station Summary					
<b>Waterbody Name</b>		<b>Waterbody ID Code</b>		<b>Sample ID (YYYYMMDD-CY-FD)</b> 20190521-50-3	
<b>Sampling Location</b> RSS-R-16m-1g-052119				<b>Database Key</b> 193377624	
<b>SWIMS Station ID</b> 10049350		<b>SWIMS Station Name</b> EMMONS CREEK - CONTROL REACH NEAR STRATTON LAKE RD			
<b>Latitude</b> 44.29605	<b>Longitude</b> -89.24131		<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS		<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> WOLF RIVER		<b>Watershed Name</b> WAUPACA RIVER		<b>County</b> PORTAGE	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> DAVID A BOLHA, MICHAEL P SHUPRYT			<b>Project Name</b> EMMONS CREEK DISCHARGE REDUCTION MI FY18		
<b>Sampling Device</b>					
<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: <u>Core</u>	
<b>Habitat Sampled</b>					
<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	
<b>Total Sampling Time (min)</b>	<b>Estimated Area Sampled (m<sup>2</sup>)</b>		<b>Number of Samples in Composite</b>		<b>Replicate No.</b> _____ <b>of</b> _____
<b>Reason For Sampling</b>					
<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: <u>Special Project</u>	
<b>Water Temp. (C)</b>	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b>
<b>Water Color</b>			<b>Estimated Stream Velocity (m/s)</b>		
<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)		
<b>Measured Velocity</b> circle units m/s or f/s		<b>Average Stream Depth of reach (m)</b>		<b>Average Stream Width of reach (m)</b>	
<b>Composition of Substrate Sampled (Percent):</b>					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: _____		Clay: _____		Gravel (ladybug to tennisball): _____	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
				Overhanging Vegetation: _____	
				Other ( _____ ): _____	
<b>Embeddedness of Substrate at Sample Site (%)</b> _____			<b>Canopy Cover at Sample Site (%)</b> _____		

**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			Factors that may be influencing Water Resource Integrity		
Local	Water-shed		Local	Water-shed	
<b>Biological</b>			<b>Chemical</b>		
	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:		<b>Sources of Stream Impacts</b>		
				Bank Erosion	
				Point Source - Specify:	
<b>Physical</b>				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 until Nov 2022</i>	

