

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name	Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 20181021-50-1
-----------------------	--------------------------	--

Sampling Location RSS-R-9m-3g-102118	Database Key 177584036
--	----------------------------------

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

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 (m²)	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 <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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 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): _____ 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			
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 ABL under 1 Oct 2022</i>	