

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name EMMONS CREEK		Waterbody ID Code 261300	Sample ID (YYYYMMDD-CY-FD) 2016/10/18-69-02
Sampling Location US West Rd.		Database Key 133649627	
SWIMS Station ID 10022518		SWIMS Station Name EMMONS CREEK - WEST RD.	
Latitude 44.30772	Longitude -89.20416	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 WAUPACA

Sample and Site Descriptors	
Sample Collector (Last Name, First) DAVID BOLHA	Project Name CRYSTAL RIVER AND WAUPACA CHAIN OF LAKES TWA [SE

Sampling Device

Kick Net Surber Sampler Eckman
 Ponar Artificial Substrate Hess Sampler Other: _____

Habitat Sampled

Riffle Run Pool
 Other Shoreline Composite Proportionally-Sampled Habitat
 Littoral Zone Profundal Zone Wetland

Total Sampling Time (min) 3	Estimated Area Sampled (m ²) 3	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

Least Impacted Reference Baseline Impact / Treatment Site
 Control Site Trend Other: _____

Water Temp. (°F) 11.9°C 53.4	D.O. (mg/l) 9.93	D.O. (%sat.) 93.1	pH (su) 7.92	Conductivity (umhos/cm) 375.2	Transparency (cm) 120
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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) 0.8	Average Stream Width of reach (m) 4
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 80
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 0

