

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

Station Summary			
Waterbody Name MACK CREEK		Waterbody ID Code 267300	Sample ID (YYYYMMDD-CY-FD) 2016/011-50-02
Sampling Location DS Maves Rd; DS Maves Farm		Database Key 133783526	
SWIMS Station ID 10039114		SWIMS Station Name MACK CREEK @ MAVES ROAD	
Latitude 44.386368	Longitude -89.350685	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 BOLHA	Project Name WAUPACA/TOMORROW TWA [SECTION 319] 2016

**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) 2	Estimated Area Sampled (m <sup>2</sup> ) 1.5	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. (°C) 55.4	D.O. (mg/l) 9.82	D.O. (% sat.) 92.3	pH (su) 7.57	Conductivity (umhos/cm) 341.7	Transparency (cm) 64
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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) 0.1	Average Stream Width of reach (m) 1.0
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 30  
 Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 0

13.2°C

