

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name CEDAR SPRING CREEK		Waterbody ID Code 245000	Sample ID (YYYYMMDD-CY-FD) 2016/006-70-01
Sampling Location DS HWY Q			Database Key 133649575
SWIMS Station ID 10030585		SWIMS Station Name CEDAR SPRINGS CREEK - COUNTY HIGHWAY Q	
Latitude 44.086742	Longitude -89.07207	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
Basin (WMU) WOLF RIVER		Watershed Name PINE AND WILLOW RIVERS	County WAUSHARA

Sample and Site Descriptors	
Sample Collector (Last Name, First) DAVID BOLHA	Project Name NER LONG-TERM TREND WADEABLE REFERENCE STREAMS

**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 <sup>2</sup> ) 2	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) 52.5	D.O. (mg/l) 7.84	D.O. (%sat.) 71.6	pH (su) 7.67	Conductivity (umhos/cm) 364.3	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) 0.2	Average Stream Width of reach (m) 2.0
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): 80  
 Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 10 Canopy Cover at Sample Site (%) 80