

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

Station Summary			
Waterbody Name <u>Otter Creek</u>		Waterbody ID Code <u>1258400</u>	Sample ID (YYYYMMDD-CY-FD) <u>20180912-57-02</u>
Sampling Location <u>US Otter Cr. Rd.</u>		Database Key <u>168762624</u>	
SWIMS Station ID <u>10051114</u>		SWIMS Station Name <u>OTTER CR. US OTTER CR. RD.</u>	
Latitude <u>43.2781761</u>	Longitude <u>-89.7862944</u>	Lat/Long Determination Method (circle) <u>SWIMS</u> <u>SWDV</u> <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or <u>NAD83</u>
Basin (WMU) <u>LOWER WISCONSIN</u>		Watershed Name <u>HONEY CREEK</u>	County <u>SAUK</u>

Sample and Site Descriptors	
Sample Collector (Last Name, First) <u>JEAN UNMUTH</u>	Project Name <u>SOUTH DISTRICT NC STREAM STRATIFIED SITES 2018</u>

**Sampling Device**

D-Frame 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) <u>16</u>	Estimated Area Sampled (m <sup>2</sup> ) <u>6.0</u>	Number of Samples in Composite <u>1</u>	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) <u>21.3</u>	D.O. (mg/l) <u>8.2</u>	D.O. (% sat.) <u>99.0</u>	pH (su) <u>8.6</u>	Conductivity (umhos/cm) <u>129</u>	Transparency (cm) <u>93.0</u>
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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 <u>0.0006</u>	circle units m/s or f/s	Average Stream Depth of reach (m) <u>0.20</u>	Average Stream Width of reach (m) <u>3.5</u>
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 40  
 Sand: 10 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: 10  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( ): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 10 Canopy Cover at Sample Site (%) 0