

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

**Station Summary**

<b>Waterbody Name</b> UNNAMED		<b>Waterbody ID Code</b> 5036882	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161024-13-01
<b>Sampling Location</b> 5 m upstream of STH 73			<b>Database Key</b> 135920777
<b>SWIMS Station ID</b> 10045005		<b>SWIMS Station Name</b> UNNAMED TRIB (5036882) TO KOSHKONONG CR AT STH 73	
<b>Latitude</b> 42.96696	<b>Longitude</b> 89.07206	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
<b>Basin (WMU)</b> LOWER ROCK		<b>Watershed Name</b> LOWER KOSHKONONG CREEK	<b>County</b> DANE

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> MICHAEL SORGE	<b>Project Name</b> KOSHKONONG CREEK TWA 2016
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**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

<b>Total Sampling Time (min)</b> 5.0	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 3.0	<b>Number of Samples in Composite</b>	<b>Replicate No.</b> <u>1</u> <b>of</b> <u>1</u>
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 9.3	<b>D.O. (mg/l)</b> 9.1	<b>D.O. (% sat.)</b> 79.4	<b>pH (su)</b> 8.1	<b>Conductivity (umhos/cm)</b> 609	<b>Transparency (cm)</b> 20
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<b>Water Color</b> <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <input checked="" 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)
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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b>	<b>Average Stream Width of reach (m)</b> 20
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 90 Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): \_\_\_\_\_

Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_

Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 10 Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_

Embeddedness of Substrate at Sample Site (%) 0 Canopy Cover at Sample Site (%) 0

**Stream and Watershed Descriptors**

N = Not a problem      PL = Present, Low Impact  
 U = Uncertain            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
<b>Biological</b>				<b>Chemical</b>			
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:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Andrew Kohlmann	Taxonomist Dimock, Jeffrey	Estimated Percent of Sample Sorted 33%
Date Processed 1/20/17	Specimens Saved Subsample archived in AS2 until Apr 2020	

A1-29      D3-114  
 C3-51      B3-145  
 E2-B3