

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

**Station Summary**

<b>Waterbody Name</b> KOSHKONONG CREEK		<b>Waterbody ID Code</b> 808800	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161013-13-01
<b>Sampling Location</b> 30 M DOWNSTREAM OF LEARNING PLACE DRIVE			<b>Database Key</b> 135920561
<b>SWIMS Station ID</b> 10046989		<b>SWIMS Station Name</b> KOSHKONONG CREEK AT LEARNING PLACE DRIVE	
<b>Latitude</b> 43.17547	<b>Longitude</b> 89.21679	<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> UPPER 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
---	--

**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> 2.0	<b>Number of Samples in Composite</b>	<b>Replicate No.</b> 1 <b>of</b> 1
---	--	---------------------------------------	------------------------------------

**Reason For Sampling**

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

<b>Water Temp. (C)</b> 10.3	<b>D.O. (mg/l)</b> 8.8	<b>D.O. (% sat.)</b> 79.0	<b>pH (su)</b> 7.9	<b>Conductivity (umhos/cm)</b> 880	<b>Transparency (cm)</b> 100
--------------------------------	---------------------------	------------------------------	-----------------------	---------------------------------------	---------------------------------

<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
--	--

<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>
--	--	--

**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 20

Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_

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

Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 100

**Stream and Watershed Descriptors**

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Andrew Kohlmann	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 1/19/17	Specimens Saved Subsample archived in ABC until Apr 2020	

C2-92  
 B3-157