

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

**Station Summary**

|   |                              |  |   |
|---|------------------------------|--|---|
| <b>Waterbody Name</b><br>KOSHKONONG CREEK           |                              | <b>Waterbody ID Code</b><br>808800   | <b>Sample ID (YYYYMMDD-CY-FD)</b><br>20161013-13-04     |
| <b>Sampling Location</b><br>15 m upstream of CTH TT |                              |  | <b>Database Key</b><br>135892588                        |
| <b>SWIMS Station ID</b><br>10010254                 |                              | <b>SWIMS Station Name</b><br>KOSHKONONG CREEK - KOSHKONONG CREEK 50M UPSTREAM CTY TT |   |
| <b>Latitude</b><br>43.11566                         | <b>Longitude</b><br>89.18066 | <b>Lat/Long Determination Method (circle)</b><br>SWIMS SWDV <u>GPS</u>               | <b>Datum Used if using GPS</b><br><u>WGS84</u> or NAD83 |
| <b>Basin (WMU)</b><br>LOWER ROCK                    |                              | <b>Watershed Name</b><br>UPPER KOSHKONONG CREEK                                      | <b>County</b><br>DANE                                   |

**Sample and Site Descriptors**

|   |  |
|---|--|
| <b>Sample Collector (Last Name, First)</b><br>MICHAEL SORGE | <b>Project Name</b><br>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><br>5.0 | <b>Estimated Area Sampled (m<sup>2</sup>)</b><br>2.0 | <b>Number of Samples in Composite</b> | <b>Replicate No.</b> <u>1</u> <b>of</b> <u>1</u> |
|---|--|---------------------------------------|--|

**Reason For Sampling**

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

|                                |                           |                              |                       |  |                                |
|--------------------------------|---------------------------|------------------------------|-----------------------|--|--------------------------------|
| <b>Water Temp. (C)</b><br>11.0 | <b>D.O. (mg/l)</b><br>8.1 | <b>D.O. (% sat.)</b><br>73.6 | <b>pH (su)</b><br>7.9 | <b>Conductivity (umhos/cm)</b><br>1111 | <b>Transparency (cm)</b><br>70 |
|--------------------------------|---------------------------|------------------------------|-----------------------|--|--------------------------------|

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

|  |  |  |
|--|--|--|
| <b>Measured Velocity</b><br>circle units<br>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): 20 Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 10

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

Aquatic Macrophytes: 20 Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 50   
 **Canopy Cover at Sample Site (%)** 0

**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                                   |  |       |            |
| 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<br>Andrew Kohlmann | Taxonomist<br>Dimick, Jeffrey                               | Estimated Percent of Sample Sorted<br>7% |
| Date Processed<br>1/19/17        | Specimens Saved<br>Subsample archived in ABC until Apr 2020 |  |

B3-278