

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

**Station Summary**

|                                    |                                     |   |
|------------------------------------|-------------------------------------|---|
| <b>Waterbody Name</b><br>TYLER FKS | <b>Waterbody ID Code</b><br>2923100 | <b>Sample ID (YYYYMMDD-CY-FD)</b><br>TF-01 20190924-26-02 |
|------------------------------------|-------------------------------------|---|

|  |                                  |
|--|----------------------------------|
| <b>Sampling Location</b><br>50 m US Vogues Rd. | <b>Database Key</b><br>207081657 |
|--|----------------------------------|

|                                     |   |
|-------------------------------------|---|
| <b>SWIMS Station ID</b><br>10042745 | <b>SWIMS Station Name</b><br>TYLER FORKS RIVER 68M US VOGUES ROAD |
|-------------------------------------|---|

|                             |                               |  |   |
|-----------------------------|-------------------------------|--|---|
| <b>Latitude</b><br>46.41315 | <b>Longitude</b><br>-90.51654 | <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>LAKE SUPERIOR | <b>Watershed Name</b><br>TYLER FORKS | <b>County</b><br>IRON |
|-------------------------------------|--------------------------------------|-----------------------|

**Sample and Site Descriptors**

|   |  |
|---|--|
| <b>Sample Collector (Last Name, First)</b><br>JOSEPH CUNNINGHAM | <b>Project Name</b><br>NOR LONG-TERM TREND WADEABLE REFERENCE STREAM |
|---|--|

**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

|                                       |  |  |                                    |
|---------------------------------------|--|--|------------------------------------|
| <b>Total Sampling Time (min)</b><br>1 | <b>Estimated Area Sampled (m<sup>2</sup>)</b><br>1.5 | <b>Number of Samples in Composite</b><br>3 | <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><br>17.9 | <b>D.O. (mg/l)</b><br>9.3 | <b>D.O. (% sat.)</b><br>98.0 | <b>pH (su)</b><br>7.9 | <b>Conductivity (umhos/cm)</b><br>111 | <b>Transparency (cm)</b><br>>120 |
|--------------------------------|---------------------------|------------------------------|-----------------------|---------------------------------------|----------------------------------|

|  |  |
|--|--|
| <b>Water Color</b><br><input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" 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>0.6 | circle units<br><u>m/s</u> or f/s | <b>Average Stream Depth of reach (m)</b><br>0.2 | <b>Average Stream Width of reach (m)</b><br>10 |
|---------------------------------|-----------------------------------|---|--|

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

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 70 Gravel (ladybug to tennisball): 30  
 Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( ): \_\_\_\_\_

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