

Instructions: Bold fields must be completed.

**Station Summary**

|                                       |                                   |                                                     |
|---------------------------------------|-----------------------------------|-----------------------------------------------------|
| <b>Waterbody Name</b><br>SILVER CREEK | <b>Waterbody ID Code</b><br>94900 | <b>Sample ID (YYYYMMDD-CY-FD)</b><br>20180926-31-17 |
|---------------------------------------|-----------------------------------|-----------------------------------------------------|

|                                          |                                  |
|------------------------------------------|----------------------------------|
| <b>Sampling Location</b><br>Willow Drive | <b>Database Key</b><br>168775482 |
|------------------------------------------|----------------------------------|

|                                     |                                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>SWIMS Station ID</b><br>10020779 | <b>SWIMS Station Name</b><br>SILVER CREEK-200 FEET BELOW DAM 100 FEET ABOVE BRIDGE IN BREUMERVIL |
|-------------------------------------|--------------------------------------------------------------------------------------------------|

|                 |                  |                                                                 |                                                  |
|-----------------|------------------|-----------------------------------------------------------------|--------------------------------------------------|
| <b>Latitude</b> | <b>Longitude</b> | <b>Lat/Long Determination Method (circle)</b><br>SWIMS SWDV GPS | <b>Datum Used if using GPS</b><br>WGS84 or NAD83 |
|-----------------|------------------|-----------------------------------------------------------------|--------------------------------------------------|

|                                              |                                        |                           |
|----------------------------------------------|----------------------------------------|---------------------------|
| <b>Basin (WMU)</b><br>TWIN - DOOR - KEWAUNEE | <b>Watershed Name</b><br>AHNAPEE RIVER | <b>County</b><br>KEWAUNEE |
|----------------------------------------------|----------------------------------------|---------------------------|

**Sample and Site Descriptors**

|                                                             |                                                                  |
|-------------------------------------------------------------|------------------------------------------------------------------|
| <b>Sample Collector (Last Name, First)</b><br>MARY GANSBERG | <b>Project Name</b><br>NE LAKESHORE TMDL SUPPLEMENTAL MONITORING |
|-------------------------------------------------------------|------------------------------------------------------------------|

**Sampling Device**

|                                                      |                                               |                                                                             |
|------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> D-Frame Kick Net | <input type="checkbox"/> Surber Sampler       | <input type="checkbox"/> Eckman                                             |
| <input type="checkbox"/> Ponar                       | <input type="checkbox"/> Artificial Substrate | <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____ |

**Habitat Sampled**

|                                            |                                              |                                                         |
|--------------------------------------------|----------------------------------------------|---------------------------------------------------------|
| <input checked="" type="checkbox"/> Riffle | <input type="checkbox"/> Run                 | <input type="checkbox"/> Pool                           |
| <input type="checkbox"/> Other             | <input type="checkbox"/> Shoreline Composite | <input type="checkbox"/> Proportionally-Sampled Habitat |
| <input type="checkbox"/> Littoral Zone     | <input type="checkbox"/> Profundal Zone      | <input type="checkbox"/> Wetland                        |

|                                       |                                                      |                                            |                                            |
|---------------------------------------|------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| <b>Total Sampling Time (min)</b><br>5 | <b>Estimated Area Sampled (m<sup>2</sup>)</b><br>9.0 | <b>Number of Samples in Composite</b><br>1 | <b>Replicate No.</b> _____ <b>of</b> _____ |
|---------------------------------------|------------------------------------------------------|--------------------------------------------|--------------------------------------------|

**Reason For Sampling**

|                                                   |                                   |                                                  |
|---------------------------------------------------|-----------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Least Impacted Reference | <input type="checkbox"/> Baseline | <input type="checkbox"/> Impact / Treatment Site |
| <input type="checkbox"/> Control Site             | <input type="checkbox"/> Trend    | <input checked="" type="checkbox"/> Other: TMDL  |

|                                |                            |                               |                       |                                       |                          |
|--------------------------------|----------------------------|-------------------------------|-----------------------|---------------------------------------|--------------------------|
| <b>Water Temp. (C)</b><br>16.5 | <b>D.O. (mg/l)</b><br>12.8 | <b>D.O. (% sat.)</b><br>131.1 | <b>pH (su)</b><br>8.5 | <b>Conductivity (umhos/cm)</b><br>709 | <b>Transparency (cm)</b> |
|--------------------------------|----------------------------|-------------------------------|-----------------------|---------------------------------------|--------------------------|

|                                                                                                                                  |                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input 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><br>0.25 | <b>Average Stream Width of reach (m)</b><br>9.0 |
|--------------------------------------------------------|--------------------------------------------------|-------------------------------------------------|

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

|                                |                                            |                                              |                                           |
|--------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------------------|
| <b>Bedrock:</b> _____          | <b>Boulders (basketball or larger):</b> 10 | <b>Rubble (tennisball to basketball):</b> 60 | <b>Gravel (ladybug to tennisball):</b> 10 |
| <b>Sand:</b> 10                | <b>Clay:</b> _____                         | <b>Silt/Muck:</b> _____                      | <b>Overhanging Vegetation:</b> _____      |
| <b>Aquatic Macrophytes:</b> 10 | <b>Leaf Snags:</b> _____                   | <b>Coarse Woody Debris:</b> _____            | <b>Other ( )::</b> _____                  |

|                                                        |                                           |
|--------------------------------------------------------|-------------------------------------------|
| <b>Embeddedness of Substrate at Sample Site (%)</b> 10 | <b>Canopy Cover at Sample Site (%)</b> 70 |
|--------------------------------------------------------|-------------------------------------------|

**Stream and Watershed Descriptors**

N = Not a problem  
U = Uncertain

PL = Present, Low Impact  
PH = Present, High Impact

| Factors that may be influencing<br>Water Resource Integrity | Local | Water-<br>shed | Factors that may be influencing<br>Water Resource Integrity | Local | Water-<br>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>                                             |       |                |                                                             |       |                |
| 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><i>Kayla Wilcox</i> | Taxonomist<br><i>Dimock, Jeffrey</i> | Estimated Percent of Sample Sorted<br><i>13%</i> |
| Date Processed<br><i>6/5/19</i>      | Specimens Saved<br><i>199</i>        |                                                  |

*PI = #114  
EQ = 85*

*199*

*Subsample archived in ABL into 1 Aug 2022*

Taxonomist: Dimick, Jeffrey

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[illegible]