

Instructions: Bold fields must be completed.

**Station Summary**

|                                  |                                    |                                                     |
|----------------------------------|------------------------------------|-----------------------------------------------------|
| <b>Waterbody Name</b><br>UNNAMED | <b>Waterbody ID Code</b><br>906700 | <b>Sample ID (YYYYMMDD-CY-FD)</b><br>20181022-23-02 |
|----------------------------------|------------------------------------|-----------------------------------------------------|

**Sampling Location**

|                                              |                                  |
|----------------------------------------------|----------------------------------|
| 15 m upstream of confluence w/ Sawmill Creek | <b>Database Key</b><br>169812238 |
|----------------------------------------------|----------------------------------|

**SWIMS Station ID**

10051145

**SWIMS Station Name**

UNNAMED TRIB (906700) TO SAWMILL CRK AT CONFLUENCE

**Latitude**

42.82494

**Longitude**

89.76866

**Lat/Long Determination Method (circle)**

SWIMS SWDV GPS

**Datum Used if using GPS**

WGS84 or NAD83

**Basin (WMU)**

SUGAR - PECATONICA

**Watershed Name**

LOWER EAST BRANCH PECATONICA RIVER

**County**

GREEN

**Sample and Site Descriptors**

**Sample Collector (Last Name, First)**

AMRHEIN, JAMES

**Project Name**

SAWMILL AND ERICKSON CREEKS TWA - 2018

**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

**Total Sampling Time (min)**

2

**Estimated Area Sampled (m<sup>2</sup>)**

2

**Number of Samples in Composite**

1

Replicate No. \_\_\_\_\_ of \_\_\_\_\_

**Reason For Sampling**

☐ Least Impacted Reference

☒ Baseline

☐ Impact / Treatment Site

☐ Control Site

☐ Trend

☐ Other: \_\_\_\_\_

**Water Temp. (C)**

8.4

**D.O. (mg/l)**

10.75

**D.O. (% sat.)**

91.4

**pH (su)**

8.5

**Conductivity (umhos/cm)**

583

**Transparency (cm)**

**Water Color**

☒ Clear

☐ Turbid

☐ Stained

**Estimated Stream Velocity (m/s)**

☐ Slow  
( $< 0.15$  m/s)

☐ Moderate  
( $0.15$  m/s -  $0.5$  m/s)

☒ Fast  
( $> 0.5$  m/s)

**Measured Velocity**

circle units

m/s or f/s

**Average Stream Depth of reach (m)**

**Average Stream Width of reach (m)**

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

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 60

Sand: 10 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

**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:                                     |       |                |
| <b>Physical</b>                                             |       |                | 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><i>Abby Adams</i> | Taxonomist<br><i>Dimick Jeffney</i>                                | Estimated Percent of Sample Sorted<br><i>20 %</i> |
| Date Processed<br><i>4-6-19</i>    | Specimens Saved<br><i>Subsample archived in BCL until Jun 2022</i> |                                                   |

C1 B3 E2 total  
 41 53 32 = 126

[illegible]