

Instructions: Bold fields must be completed.

| Station Summary | | | |
|---|---|--|---|
| Waterbody Name KELLY CREEK <i>e Krause Property</i> | Waterbody ID Code 1498300 | Sample ID (YYYYMMDD-CY-FD) 20160927-35-02 | |
| Sampling Location <i>~ 75 m upstream of cabin bridge</i> | | Database Key 133630864 | |
| SWIMS Station ID 10034425 | SWIMS Station Name KELLY CREEK - FIRST RIFFLE US FROM BRIDGE ON KRAUSE PROPERTY | | |
| Latitude 45.29475 | Longitude -89.83745 | Lat/Long Determination Method (circle) SWIMS SWDV GPS | Datum Used if using GPS WGS84 or <u>NAD83</u> |
| Basin (WMU) UPPER WISCONSIN | | Watershed Name NEW WOOD RIVER | County LINCOLN |
| Sample and Site Descriptors | | | |
| Sample Collector (Last Name, First) JAMES KLOSIEWSKI <i>Joe Cunningham</i> | | Project Name AVERIL CREEK-NEW WOOD RIVER TWA TALU 2016 | |
| Sampling Device | | | |
| <input checked="" type="checkbox"/> 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 | | | |
| Total Sampling Time (min) <i>1.5 min</i> | Estimated Area Sampled (m²) <i>1 m²</i> | Number of Samples in Composite <i>3-30 second Kicks</i> | Replicate No. <i>1</i> of <i>1</i> |
| 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: <i>TWA</i> | | | |
| Water Temp. (C) <i>12.1</i> | D.O. (mg/l) <i>9.3</i> | D.O. (%sat.) <i>86.6</i> | pH (su) <i>7.3</i> |
| Conductivity (umhos/cm) <i>81.9</i> | | Transparency (cm) <i>>120</i> | |
| Water Color | | Estimated Stream Velocity (m/s) | |
| <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained | | <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) | |
| Measured Velocity | | Average Stream Depth of reach (m) | Average Stream Width of reach (m) |
| circle units m/s or f/s | | <i>0.2 m</i> | <i>4.5</i> |
| Composition of Substrate Sampled (Percent): | | | |
| Bedrock: _____ | | Boulders (basketball or larger): _____ | Rubble (tennisball to basketball): <i>30</i> |
| Sand: <i>20</i> | | Clay: _____ | Gravel (ladybug to tennisball): <i>20</i> |
| Aquatic Macrophytes: <i>10</i> | | Leaf Snags: <i>20</i> | Coarse Woody Debris: _____ |
| Other (_____): _____ | | Overhanging Vegetation: _____ | |
| Embeddedness of Substrate at Sample Site (%) <i>10</i> | | Canopy Cover at Sample Site (%) <i>90</i> | |

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 |
|--|--|-------|------------|--|--|-------|------------|
| Biological | | | | Chemical | | | |
| 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: | | | | Sources of Stream Impacts | | | |
| | | | | 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 <i>Andrew Kohlmann</i> | Taxonomist <i>Dimick, Jeffrey</i> | Estimated Percent of Sample Sorted <i>7%</i> |
| Date Processed <i>2/28/17</i> | Specimens Saved <i>Subsample archived in ABL until Aug 2020</i> | |

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