

Instructions: Bold fields must be completed.

| Station Summary | | | | | | |
|---|---|---|-------------------------------------|---|--|---|
| Waterbody Name WILDCAT CREEK | | | Waterbody ID Code 858600 | | Sample ID (YYYYMMDD-CY-FD) 20191017-14-03 | |
| Sampling Location 50 m upstream CTHS | | | | | Database Key 212667425 | |
| SWIMS Station ID 10047840 | | SWIMS Station Name WILDCAT CREEK AT CTY S | | | | |
| Latitude 43.39151 | Longitude -88.52642 | Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u> | | | Datum Used if using GPS <u>WGS84</u> or NAD83 | |
| Basin (WMU) UPPER ROCK | | Watershed Name SINISSIPPI LAKE | | | County DODGE | |
| Sample and Site Descriptors | | | | | | |
| Sample Collector (Last Name, First) AMRHEIN, JAMES | | | | Project Name WILDCAT CREEK (DODGE CO) TWA 2019 | | |
| 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 | | | | | | |
| Total Sampling Time (min) 1 | Estimated Area Sampled (m ²) 1 | | Number of Samples in Composite 1 | | Replicate No. _____ of _____ | |
| Reason For Sampling | | | | | | |
| <input type="checkbox"/> Least Impacted Reference <input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input type="checkbox"/> Other: _____ | | | | | | |
| Water Temp. (C) 9.0 | D.O. (mg/l) 11.26 | D.O. (% sat.) 97.2 | pH (su) | Conductivity (umhos/cm) | Transparency (cm) | |
| Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained | | | | Estimated Stream Velocity (m/s) <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) | | |
| 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): <u>60</u> | | Gravel (ladybug to tennisball): <u>30</u> |
| Sand: <u>10</u> | | Clay: _____ | | Silt/Muck: _____ | | Overhanging Vegetation: _____ |
| Aquatic Macrophytes: _____ | | Leaf Snags: _____ | | Coarse Woody Debris: _____ | | Other (____): _____ |
| Embeddedness of Substrate at Sample Site (%) <u>0</u> | | | | Canopy Cover at Sample Site (%) <u>60</u> | | |

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 | | | |
| Physical | | | | Runoff: - Barnyard | | | |
| Bank Erosion | | | | - Construction | | | |
| Channelization: - Upstream | | | | - Cropland | | | |
| - Downstream | | | | - Urban | | | |
| Hydraulic Scour / Channel Incision | | | | Septic Systems | | | |
| Impoundment: - Upstream | | | | Tile Drainage - Organic Soils | | | |
| - Downstream | | | | - Mineral Soils | | | |
| Low Flow | | | | Springs | | | |
| Sedimentation | | | | Tributary(s) | | | |
| Sludge | | | | Wetland | | | |
| Thermal | | | | Other - Specify: | | | |
| Turbidity | | | | | | | |
| Other - Specify: | | | | | | | |

Comments

Special Instructions for Laboratory

For Lab Use Only

| | | |
|--------------------------------------|--|--|
| Sample Sorter <i>Logan Cutler</i> | Taxonomist <i>Dimick, Jeffrey</i> | Estimated Percent of Sample Sorted <i>20%</i> |
| Date Processed <i>2/19/2020</i> | Specimens Saved <i>43 + 41 43 = 127</i> | |

E1 E3 C2 Total
Subsample archived in DBL until Jul 2023

