

Instructions: Bold fields must be completed.

| Station Summary | | | | | |
|---|---|--|---|---|--------------------------|
| Waterbody Name UNNAMED | | Waterbody ID Code 147400 | | Sample ID (YYYYMMDD-CY-FD) 2020104-20-01 | |
| Sampling Location | | | | Database Key 251842590 | |
| SWIMS Station ID 10016330 | | SWIMS Station Name UNNAMED TRIB. TO SILVER CREEK AT TRAIL | | | |
| Latitude | Longitude | Lat/Long Determination Method (circle) SWIMS SWDV GPS | | Datum Used if using GPS WGS84 or NAD83 | |
| Basin (WMU) UPPER FOX | | Watershed Name BIG GREEN LAKE | | County FOND DU LAC | |
| Sample and Site Descriptors | | | | | |
| Sample Collector (Last Name, First) DAVID BOLHA | | | Project Name 319 PROJECT-SILVER AND DAKIN CREEK TWA 2020 | | |
| 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) 2.0 | Estimated Area Sampled (m ²) 1.5 | Number of Samples in Composite 1 | | Replicate No. _____ of _____ | |
| 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: TWA | |
| Water Temp. (C) 6.6 | D.O. (mg/l) 6.2 | D.O. (% sat.) 52.0 | pH (su) 7.2 | Conductivity (umhos/cm) 536 | Transparency (cm) 120 |
| 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 checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s) | | |
| Measured Velocity circle units m/s or f/s | | Average Stream Depth of reach (m) 0.3 | | Average Stream Width of reach (m) 5.0 | |
| Composition of Substrate Sampled (Percent): | | | | | |
| Bedrock: _____ | | Boulders (basketball or larger): _____ | | Rubble (tennisball to basketball): 70 | |
| Sand: _____ | | Clay: _____ | | Gravel (ladybug to tennisball): 30 | |
| Aquatic Macrophytes: _____ | | Leaf Snags: _____ | | Coarse Woody Debris: _____ | |
| Other (____): _____ | | Overhanging Vegetation: _____ | | 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 Water Resource Integrity | | Local | Watershed | Factors that may be influencing Water Resource Integrity | | Local | Watershed |
|--|------------------------|-------|-----------|--|--|-------|-----------|
| Biological | | | | Chemical | | | |
| Algae: | - Diatoms / Periphyton | PL | PL | Chlorine | | N | N |
| | - Filamentous Algae | PH | PH | Dissolved Oxygen | | PH | PH |
| | - Planktonic Algae | N | N | Nutrients (P, N...) | | PH | PH |
| | Iron Bacteria | N | N | Toxics: - Inorganic (Metals) | | N | N |
| | Macrophytes | PH | PL | - Organic (PCBs, pesticides...) | | N | N |
| | Slimes | N | N | Other - Specify: | | | |
| | Other - Specify: | | | Sources of Stream Impacts | | | |
| | | | | Bank Erosion | | N | PL |
| | | | | Point Source - Specify: | | N | N |
| Physical | | | | Pasturing of Livestock | | N | N |
| Bank Erosion | | N | PL | Runoff: - Barnyard | | N | N |
| Channelization: - Upstream | | PH | PH | - Construction | | N | N |
| - Downstream | | PL | PL | - Cropland | | PL | PH |
| Hydraulic Scour / Channel Incision | | N | N | - Urban | | N | N |
| Impoundment: - Upstream | | PL | PL | Septic Systems | | N | N |
| - Downstream | | N | N | Tile Drainage - Organic Soils | | N | N |
| Low Flow | | N | N | - Mineral Soils | | N | N |
| Sedimentation | | PH | PH | Springs | | N | N |
| Sludge | | N | N | Tributary(s) | | N | N |
| Thermal | | PH | PL | Wetland | | PL | PL |
| Turbidity | | N | N | Other - Specify: | | | |
| Other - Specify: | | | | | | | |

Comments

Special Instructions for Laboratory

For Lab Use Only

| | | | | | |
|----------------|---------------|-----------------|--|------------------------------------|-------|
| Sample Sorter | Cash, Natalie | Taxonomist | Domick, Jeffrey | Estimated Percent of Sample Sorted | 3.33% |
| Date Processed | 4/12/21 | Specimens Saved | subsample archived in ABC under May 2021 | | |

B3-2:73
 01-4:56

(129)

