

Instructions: Bold fields must be completed.

| Station Summary | | | | | |
|---|--|---|---|---|---------------------------|
| Waterbody Name SILVER CREEK | | Waterbody ID Code 29900 | | Sample ID (YYYYMMDD-CY-FD) 20161031-60-01 | |
| Sampling Location 100 m DS of Allen Rd | | | | Database Key 122863078 | |
| SWIMS Station ID 10030341 | | SWIMS Station Name SILVER CREEK 125 M DOWNSTREAM OF ALLEN ROAD | | | |
| Latitude 43.56796 | Longitude -87.96478 | Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u> | | Datum Used if using GPS WGS84 or <u>NAD83</u> | |
| Basin (WMU) MILWAUKEE RIVER | | Watershed Name NORTH BRANCH MILWAUKEE RIVER | | County SHEBOYGAN | |
| Sample and Site Descriptors | | | | | |
| Sample Collector (Last Name, First) CRAIG HELKER | | | Project Name EASTERN DISTRICT FOLLOW UP MONITORING FOR IMPAIR | | |
| 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 type="checkbox"/> Riffle | | <input checked="" type="checkbox"/> Run | | <input type="checkbox"/> Pool <i>Wood, leaf packs</i> | |
| <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) 4 min | Estimated Area Sampled (m ²) 2 m ² | Number of Samples in Composite 1 | | Replicate No. <u>1</u> of <u>1</u> | |
| 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: <u>Follow up monitoring</u> | |
| Water Temp. (C) 7.8 | D.O. (mg/l) 8.1 | D.O. (% sat.) 69.5 | pH (su) 7.7 | Conductivity (umhos/cm) 791.3 | Transparency (cm) 120+ |
| Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained | | | Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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) .3 ft | | Average Stream Width of reach (m) 5.5 m | |
| Composition of Substrate Sampled (Percent): | | | | | |
| Bedrock: _____ | | Boulders (basketball or larger): _____ | | Rubble (tennisball to basketball): _____ | |
| Sand: _____ | | Clay: <u>10</u> | | Silt/Muck: <u>90</u> | |
| Aquatic Macrophytes: _____ | | Leaf Snags: <u>20</u> | | Coarse Woody Debris: <u>10</u> | |
| Other (_____): _____ | | Overhanging Vegetation: _____ | | Other (_____): _____ | |
| Embeddedness of Substrate at Sample Site (%) <u>—</u> | | | Canopy Cover at Sample Site (%) <u>50</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 | | | |
| 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 | Bonnie Richards | Taxonomist | Dimick Jeffrey | Estimated Percent of Sample Sorted | 87 |
| Date Processed | 12-2-16 | Specimens Saved | Subsample archived in ABL until Jan 2020 | | |

B1:5 A2:2 C3:10 D2:9 E3:9 B2:28 C1:12 D3:8 E2:10
 B3:5 D1:5 A1:13 E1:19 (135)