

Instructions: Bold fields must be completed.

Station Summary

| | | |
|---|------------------------------------|---|
| Waterbody Name WEST BRANCH LADD CREEK | Waterbody ID Code 792500 | Sample ID (YYYYMMDD-CY-FD) 20171027-65-03 |
|---|------------------------------------|---|

| | |
|--------------------------|----------------------------------|
| Sampling Location | Database Key 150685730 |
|--------------------------|----------------------------------|

| | |
|-------------------------------------|--|
| SWIMS Station ID 10048185 | SWIMS Station Name W BRANCH OF LADD CREEK AT CTH B |
|-------------------------------------|--|

| | | | |
|------------------------------|---------------------------------|---|--|
| Latitude 42.535519 | Longitude -88.7685218 | Lat/Long Determination Method (circle) SWIMS SWDV GPS | Datum Used if using GPS WGS84 or NAD83 |
|------------------------------|---------------------------------|---|--|

| | | |
|----------------------------------|---------------------------------------|---------------------------|
| Basin (WMU) LOWER ROCK | Watershed Name TURTLE CREEK | County WALWORTH |
|----------------------------------|---------------------------------------|---------------------------|

Sample and Site Descriptors

| | |
|--|--|
| Sample Collector (Last Name, First) RACHEL SABRE | Project Name TURTLE CREEK TWA 2017 |
|--|--|

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) 1 min | Estimated Area Sampled (m²) 1 m ² | Number of Samples in Composite 1 | Replicate No. 1 of 1 |
|---|---|--|------------------------------------|

Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

| | | | | | |
|--------------------------------|----------------------------|-----------------------------|------------------------|---|---------------------------------|
| Water Temp. (C) 7.28 | D.O. (mg/l) 10.6 | D.O. (%sat.) 90.6 | pH (su) 7.54 | Conductivity (umhos/cm) 733.0 | Transparency (cm) 120 |
|--------------------------------|----------------------------|-----------------------------|------------------------|---|---------------------------------|

| | |
|--|--|
| Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input 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) 0.1 m | Average Stream Width of reach (m) 3 m |
|--|---|---|

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 20
 Sand: 20 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 40
 Aquatic Macrophytes: 10 Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 50%
 Canopy Cover at Sample Site (%) 50%

W Branch of Ladd Creek @ Hwy B
 Sample # 20171027-65-03
 Station # 10048185
 Rachel Sabre
 1 of 1

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>Kirsten Czarnecchi</i> | Taxonomist <i>Dimick Jeffrey</i> | Estimated Percent of Sample Sorted <i>27%</i> |
| Date Processed <i>4/24/2018</i> | Specimens Saved <i>Subsample archived in ABC until Jul 2021</i> | |

#1 A3=33
 #2 D2=59
 #3 E1=31
 #4 D1=16 /total: 139

