

Instructions: Bold fields must be completed.

Station Summary

| | | |
|--|------------------------------------|---|
| Waterbody Name EAST EAGLEST LAKE DITCH | Waterbody ID Code 760000 | Sample ID (YYYYMMDD-CY-FD) 20191105-52-02 |
|--|------------------------------------|---|

| | |
|--------------------------------------|----------------------------------|
| Sampling Location @ Hwy 75 | Database Key 208175047 |
|--------------------------------------|----------------------------------|

| | |
|-------------------------------------|---|
| SWIMS Station ID 10040050 | SWIMS Station Name UNNAMED (WBIC=760000) US OF STH 75 |
|-------------------------------------|---|

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

| | | |
|--------------------------------|--|-------------------------|
| Basin (WMU) FOX (IL) | Watershed Name MIDDLE FOX RIVER - ILLINOIS | County RACINE |
|--------------------------------|--|-------------------------|

Sample and Site Descriptors

| | |
|---|---|
| Sample Collector (Last Name, First) Watkins, Arthur | Project Name MIDDLE ILLINOIS FOX RIVER TWA 2019 SABRE |
|---|---|

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) 3 | Estimated Area Sampled (m²) 1 | 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) 6.08 | D.O. (mg/l) 9.84 | D.O. (% sat.) 80.0 | pH (su) | Conductivity (umhos/cm) 869.3 | 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) .2m | Average Stream Width of reach (m) 3.6m |
|--|---|--|

Composition of Substrate Sampled (Percent):

Bedrock: 0
 Boulders (basketball or larger): 0
 Rubble (tennisball to basketball): 10
 Gravel (ladybug to tennisball): 0
 Sand: 0
 Clay: 0
 Silt/Muck: 10
 Overhanging Vegetation: 60
 Aquatic Macrophytes: 20
 Leaf Snags: 0
 Coarse Woody Debris: 0
 Other (): 0
 Embeddedness of Substrate at Sample Site (%): 10
 Canopy Cover at Sample Site (%): 0

Eagle Ditch @ Hwy 75
 20191105-52-02
 Station # 10040050
 Sabre, Rachel

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: | | |
| Physical | | | 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>Cosh, Natalie</i> | Taxonomist <i>Dimick, Jeffrey</i> | Estimated Percent of Sample Sorted <i>6.6%</i> |
| Date Processed <i>1/4/2021</i> | Specimens Saved <i>Subsample archived in ADL until Feb 2023</i> | |

B2:4 -23

E1:2 19

131

B2:3 + E1:3 = 89

