

Instructions: Bold fields must be completed.

Station Summary

| | | | |
|--|--|---|---|
| Waterbody Name TAINTER CREEK | | Waterbody ID Code 1185500 | Sample ID (YYYYMMDD-CY-FD) 20161020-12-07 |
| Sampling Location | | | Database Key 135786985 |
| SWIMS Station ID 123018 | SWIMS Station Name TAINTER CREEK - W RIV RD SW SEC9T10R4 | | |
| Latitude 43.3568131 | Longitude -90.84534 | Lat/Long Determination Method (circle) SWIMS SWDV GPS | Datum Used if using GPS WGS84 or NAD83 |
| Basin (WMU) LOWER WISCONSIN | | Watershed Name READS AND TAINTER CREEKS | County CRAWFORD |

Sample and Site Descriptors

| | |
|--|---|
| Sample Collector (Last Name, First) JOHN DELANEY | Project Name KICKAPOO AND LITTLE WILLOW RIVER MACROINVERTEB |
|--|---|

Sampling Device

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) 3.0 | Estimated Area Sampled (m²) 3.0 | Number of Samples in Composite 1 | Replicate No. _____ of _____ |
|---|--|--|-------------------------------------|

Reason For Sampling

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

| | | | | | |
|------------------------|--------------------|----------------------|----------------|--------------------------------|---------------------------------|
| Water Temp. (C) | D.O. (mg/l) | D.O. (% sat.) | pH (su) | Conductivity (umhos/cm) | 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 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) 1.5 | Average Stream Width of reach (m) |
|--|---|--|

Composition of Substrate Sampled (Percent):

Bedrock: _____
 Boulders (basketball or larger): 10
 Rubble (tennisball to basketball): 30
 Gravel (ladybug to tennisball): 40

Sand: 10
 Clay: _____
 Silt/Muck: 10
 Overhanging Vegetation: _____

Aquatic Macrophytes: _____
 Leaf Snags: _____
 Coarse Woody Debris: _____
 Other (____): _____

Embeddedness of Substrate at Sample Site (%) _____
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 | 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 | | | PH | 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 *Recent 10-14" rainfall ~~was~~ scoured streambed, and may have reduced macroinvertebrates*

Special Instructions for Laboratory

| For Lab Use Only | | |
|---|--|--|
| Sample Sorter <i>Justin Kowalski</i> | Taxonomist <i>Dimick, Jeffrey</i> | Estimated Percent of Sample Sorted <i>80%</i> |
| Date Processed <i>3/19/17</i> | Specimens Saved <i>Subsample archived in ABL until Aug 2020</i> | |

D1 D3 E2 C2 E1 A2 A3 B2 A1 C1 B1 B3 C3 E3 D6
2) 6 2 8 12 10 15 12 8 8 16
130