State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.w i.gov

# Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14) 

**Instructions:** **Bold** fields must be completed.

## Station Summary

| **Waterbody Name** | **Waterbody ID Code** | **Sample ID (YYYYMMDD-CY-FD)** |
|---|---|---|
| DELL CREEK | 1295200 | 20161011-57-02 |

| **Sampling Location** | **Database Key** |
|---|---|
| | 135786258 |

| **SWIMS Station ID** | **SWIMS Station Name** |
|---|---|
| 573187 | DELL CREEK AT COON BLUFF RD |

| **Latitude** | **Longitude** | **Lat/Long Determination Method (circle)** | **Datum Used if using GPS** |
|---|---|---|---|
| 43.5528733 | -89.8671531 | SWIMS SWDV GPS | WGS84 or NAD83 |

| **Basin (WMU)** | **Watershed Name** | **County** |
|---|---|---|
| LOWER WISCONSIN | DELL CREEK | SAUK |

## Sample and Site Descriptors

| **Sample Collector (Last Name, First)** | **Project Name** |
|---|---|
| DANIELLE R ANHOLZER, MICHAEL J SOR | DELL CREEK TWA [SECTION 319] [HUC10] 2016 |

**Sampling Device**

- [X] 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)** | **Estimated Area Sampled ($m^2$)** | **Number of Samples in Composite** | **Replicate No. ____ of ____** |
|---|---|---|---|
| 4.0 | 5.0 | | |

**Reason For Sampling**

- [ ] Least Impacted Reference
- [ ] Baseline
- [X] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [ ] Other: _____

| **Water Temp. (C)** | **D.O. (mg/l)** | **D.O. (% sat.)** | **pH (su)** | **Conductivity (umhos/cm)** | **Transparency (cm)** |
|---|---|---|---|---|---|
| 12.2 | 11.6 | 107 | 7.9 | 232 | 70 |

**Water Color**

- [ ] Clear
- [ ] Turbid
- [✓] Stained

**Estimated Stream Velocity (m/s)**

- [✓] Slow (< 0.15 m/s)
- [ ] Moderate (0.15 m/s - 0.5 m/s)
- [ ] Fast (> 0.5 m/s)

| **Measured Velocity** circle units m/s **or** f/s | **Average Stream Depth of reach (m)** | **Average Stream Width of reach (m)** |
|---|---|---|
| | 0.5 | 2.5 |

**Composition of Substrate Sampled (Percent):**

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

Sand: _____ Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 20

Aquatic Macrophytes: _____ Leaf Snags: 40 Coarse Woody Debris: 30 Other (_____): _____

**Embeddedness of Substrate at Sample Site (%)** _____ **Canopy Cover at Sample Site (%)** 80

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## 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 | N | | Chlorine | N | |
| - Filamentous Algae | N | | Dissolved Oxygen | N | |
| - Planktonic Algae | N | | Nutrients (P, N...) | N | |
| Iron Bacteria | N | | Toxics: - Inorganic (Metals) | N | |
| Macrophytes | N | | - Organic (PCBs, pesticides...) | N | |
| Slimes | N | | Other - Specify: | | |
| Other - Specify: | | | **Sources of Stream Impacts** | | |
| | | | Bank Erosion | PL | PL |
| **Physical** | | | Point Source - Specify: | N | |
| Bank Erosion | PL | PL | Pasturing of Livestock | N | |
| Channelization: - Upstream | N | N | Runoff: - Barnyard | N | |
| - Dow nstream | N | N | - Construction | N | |
| Hydraulic Scour / Channel Incision | N | N | - Cropland | N | |
| Impoundment: - Upstream | N | | - Urban | N | |
| - Dow nstream | N | | Septic Systems | | |
| Low Flow | N | N | Tile Drainage - Organic Soils | | |
| Sedimentation | PL | PL | - Mineral Soils | | |
| Sludge | N | | Springs | N | |
| Thermal | N | | Tributary(s) | | |
| Turbidity | N | | Wetland | N | N |
| Other - Specify: | | | Other - Specify: | | |

Comments

Special Instructions for Laboratory

## For Lab Use Only

| Sample Sorter | Taxonomist | Estimated Percent of Sample Sorted |
|---|---|---|
| Andrew Kohlmann | Dimick, Jeffrey | 60% |
| **Date Processed** | **Specimens Saved** | |
| 2/6/17 | Subsample archived in ABL until May 2020 | |

B2-17 D1-72 A3-107
E3-37 E2-87 B1-123
D2-58 A2-97 C3-139