State of Wisconsin
Department of Natural Resources
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dnr.wi.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)** |
|---|---|---|
| HAYMEADOW CREEK | 569400 | 20190926 Hay Crk -21-01 |

**Sampling Location** D/s crossing on Browns Rd. | **Database Key** 207258440

| **SWIMS Station ID** | **SWIMS Station Name** |
|---|---|
| 10030155 | HAYMEADOW CR ( UPSTREAM FROM BROWNS RD) |

| **Latitude** | **Longitude** | **Lat/Long Determination Method (circle)** | **Datum Used if using GPS** |
|---|---|---|---|
| 45.62629 | -88.58816 | SWIMS SWDV (GPS) | (WGS84) or NAD83 |

| **Basin (WMU)** | **Watershed Name** | **County** |
|---|---|---|
| GREEN BAY | UPPER PESHTIGO RIVER | FOREST |

## Sample and Site Descriptors

| **Sample Collector (Last Name, First)** | **Project Name** |
|---|---|
| ALAN WIRT | NOR LONG-TERM TREND WADEABLE REFERENCE STREAM |

**Sampling Device**

- [X] D-Frame Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

**Habitat Sampled**

- [ ] Riffle
- [X] 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** ____ |
|---|---|---|---|
| 20 | 6 $m^2$ | 1 | |

**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)** |
|---|---|---|---|---|---|
| 12.0 | 7.46 | 68.8 | 7.62 | 196.5 | >120 |

**Water Color**

- [X] Clear
- [ ] Turbid
- [X] Stained

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

- [ ] Slow (< 0.15 m/s)
- [X] 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)** |
|---|---|---|
| | | |

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

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): _____

Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 60

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 20 Other (_____): _____

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