State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
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)**
UNNAMED	5036405	20171013-13-01

Sampling Location: 5 m upstream of Gust Rd NC-242

Database Key: 150693259

SWIMS Station ID	**SWIMS Station Name**
10048501	UNNAMED TRIB (5036405) TO SUGAR RIVER AT GUST RD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.00697	89.60722	SWIMS SWDV (GPS)	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
SUGAR - PECATONICA	UPPER SUGAR RIVER	DANE

Sample and Site Descriptors

Sample Collector (Last Name, First): AMRHEIN, JAMES

Project Name: SOUTH DISTRICT NC STREAM STRATIFIED SITES 2017

Sampling Device

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

Habitat Sampled

- [ ] Riffle
- [ ] Other
- [ ] Littoral Zone
- [X] Run
- [ ] Shoreline Composite
- [ ] Profundal Zone
- [ ] Pool
- [ ] Proportionally-Sampled Habitat
- [ ] Wetland

Total Sampling Time (min)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No. ____ of ____**
5	2	1	

Reason For Sampling

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

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
12.0	8.95	83.2	7.82	573	

Water Color

- [X] Clear
- [ ] Turbid
- [ ] 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): 60 Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): _____

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

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (Detritus): 10

Embeddedness of Substrate at Sample Site (%) 0 **Canopy Cover at Sample Site (%)** 10

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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
Biological		
Algae: - Diatoms / Periphyton		
- Filamentous Algae		
- Planktonic Algae		
Iron Bacteria		
Macrophytes		
Slimes		
Other - Specify:		
Physical		
Bank Erosion		
Channelization: - Upstream		
- Dow nstream		
Hydraulic Scour / Channel Incision		
Impoundment: - Upstream		
- Dow nstream		
Low Flow		
Sedimentation		
Sludge		
Thermal		
Turbidity		
Other - Specify:		

Factors that may be influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine		
Dissolved Oxygen		
Nutrients (P, N...)		
Toxics: - Inorganic (Metals)		
- Organic (PCBs, pesticides...)		
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion		
Point Source - Specify:		
Pasturing of Livestock		
Runoff: - Barnyard		
- Construction		
- Cropland		
- Urban		
Septic Systems		
Tile Drainage - Organic Soils		
- Mineral Soils		
Springs		
Tributary(s)		
Wetland		
Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter: Kayla wilcox
Date Processed: 7/30/18
Taxonomist: Dimick, Jeffrey
Estimated Percent of Sample Sorted: 20%
Specimens Saved: Subsample archived in NBL until Nov 2021

E=67 DI=85
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