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)**
RUSH CREEK	2066900	20161020-17-10

Sampling Location	**Database Key**
DS 4m	133642192

SWIMS Station ID	**SWIMS Station Name**
10010697	RUSH CREEK -50 FT DOWNSTREAM 650TH AVE (STATION 1)

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
44.921883	-92.00068	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
LOWER CHIPPEWA	WILSON CREEK	DUNN

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
Ring, Jacob	WILSON CREEK WEST TWA 2016

Sampling Device

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

Habitat Sampled

- [X] 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.** 1 **of** 1
1	1	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)**
48°F					

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)**
	.2	1.5

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 80 Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): _____

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

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

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

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

Comments DS of Culvert, Substrate was very loose and recent/fresh deposition

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Mekayla Bronnholm	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 1/5/17	Specimens Saved Subsample archived on ABL until Mar 2020	

EI: 100
BB: 71

171t