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)**
PLUM CREEK	1182700	20211027-12-01

Sampling Location: ~725 m upstream of Plum Creek Road

Database Key: 292595760

SWIMS Station ID	**SWIMS Station Name**
10008995	PLUM CREEK #1 - PLUM CREEK RD BRIDGE

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.13056	-90.91792	SWIMS SWDV (GPS)	(WGS84) or NAD83

Basin (WMU)	**Watershed Name**	**County**
LOWER WISCONSIN	LOWER KICKAPOO RIVER	CRAWFORD

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
KIMBERLY KUBER	SPRING CREEK (WBIC: 1261900) DO MONITORING

Sampling Device

- [X] D-Frame 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.** ____ **of** ____
2	2	1	

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- ~~[X] Trend~~
- [X] Other: Requested by DNR staff

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
10.1	12.35	109.8			

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): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 60

Sand: 30 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 40 **Canopy Cover at Sample Site (%)** 0

* Note sampled near a cow crossing because that was the only hard substrate I could find.

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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			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		
Physical			Point Source - Specify:		
Bank Erosion			Pasturing of Livestock		
Channelization: - Upstream			Runoff: - Barnyard		
- Downstream			- Construction		
Hydraulic Scour / Channel Incision			- Cropland		
Impoundment: - Upstream			- Urban		
- Downstream			Septic Systems		
Low Flow			Tile Drainage - Organic Soils		
Sedimentation			- Mineral Soils		
Sludge			Springs		
Thermal			Tributary(s)		
Turbidity			Wetland		
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Kloepping, Trent	Dimock, Jeffrey	23.49%
Date Processed	**Specimens Saved**	
4/26/2022	Subsample archived in 133 AB2 until Jun 2025	

C3 Q2 9 Q3 8 Q1 Q4 > 18

D1 Q2 10 Q1 6 Q4 Q3 > 21

B2 Q1 15 Q2 11 Q3 6 Q4 9

D3 Q2 3 Q3 8 Q1 9 Q4

A4

133

C2 / 5 found
1 caddis
1 diptera
3 chironomid
=3.75%