

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name PLUM CREEK		Waterbody ID Code 1182700	Sample ID (YYYYMMDD-CY-FD) 20211027-12-01
Sampling Location ~ 725 m upstream of Plum Creek Road			Database Key 292595760
SWIMS Station ID 10008995		SWIMS Station Name PLUM CREEK #1 - PLUM CREEK RD BRIDGE	
Latitude 43.13056	Longitude -90.91792	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name LOWER KICKAPOO RIVER	County CRAWFORD
Sample and Site Descriptors			
Sample Collector (Last Name, First) KIMBERLY KUBER		Project Name SPRING CREEK (WBIC: 1261900) DO MONITORING	
Sampling Device			
☒ D-Frame 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) 2	Estimated Area Sampled (m²) 2	Number of Samples in Composite 1	Replicate No. _____ of _____
Reason For Sampling			
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☒ Trend ☒ Other: <u>Requested by DNR staff</u>			
Water Temp. (C) 10.1	D.O. (mg/l) 12.35	D.O. (% sat.) 109.8	pH (su)
Conductivity (umhos/cm)		Transparency (cm)	
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)
Composition of Substrate Sampled (Percent):			
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>10</u>
Sand: <u>30</u>		Clay: _____	Gravel (ladybug to tennisball): <u>60</u>
Silt/Muck: _____		Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____
Other (____): _____			
Embeddedness of Substrate at Sample Site (%) <u>40</u>		Canopy Cover at Sample Site (%) <u>0</u>	

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

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 <i>Kloepping, Trent</i>	Taxonomist <i>Nimick, Jeffray</i>	Estimated Percent of Sample Sorted <i>23.4%</i>
Date Processed <i>4/26/2022</i>	Specimens Saved <i>Subsample archived in 133 ABZ until Jun 2025</i>	

C3 Q2 9
Q3 8
Q1 > 18
Q4 > 18

D1 Q2 10
Q1 6
Q4 > 21
Q3 > 21

B2 Q1 75
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%

Taxonomist: Dimick, Jeffrey

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