

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name PLATTE RIVER	Waterbody ID Code 943600	Sample ID (YYYYMMDD-CY-FD) 20221110-22-01
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Sampling Location ~20m DS of CTH B Bridge	Database Key 328034551
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SWIMS Station ID 223337	SWIMS Station Name PLATTE RIVER - NEAR ROCKVILLE WI
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Latitude 42.73083	Longitude -90.63978	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
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Basin (WMU) GRANT - PLATTE	Watershed Name PLATTE RIVER	County GRANT
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Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name PLATTE RIVER HUC10 (LOWER HALF) TWA 2022
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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) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☒ Other: <u>TWA Platte River HUC 10 (lower Half) TWA Monitoring</u>

Water Temp. (C) 12.2	D.O. (mg/l) 11.73	D.O. (% sat.) 110.0	pH (su) 7.92	Conductivity (umhos/cm) 643	Transparency (cm) 93
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 5
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>50</u>	Gravel (ladybug to tennisball): <u>40</u>
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Sand: <u>10</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
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Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
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Embeddedness of Substrate at Sample Site (%) <u>5</u>	Canopy Cover at Sample Site (%) <u>0</u>
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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		
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion			Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs		
Sludge			Tributary(s)		
Thermal			Wetland		
Turbidity			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Anna Powers</i>	Taxonomist <i>Domick, Jeffery</i>	Estimated Percent of Sample Sorted <i>14%</i>
Date Processed <i>2/27/2023</i>	Specimens Saved <i>Subsample archived in BBL until May 2026</i>	

(294)

Wisconsin Department of Natural Resources

ABL SampleNum: 20221110-22-01

Taxonomist: Dimick, Jeffrey

Waterbody: Platte River

SWIMS Database Key: 328034551

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Platichthys	L	1	1	MCB 2019	dam	
Maccaffertium	L	III	4	Kleb 2016	imm	Y
M. mediopunctatum	L	Box	51	"		
Sternacron	L	III	3	MCB 2019	imm	
Isaurochela	L	1	5	"	imm	
Tricorythodes	L	1	1	"		
Perissodonta	L	1	1	"	imm	
Taeniopteryx	L	1	1	"	imm	
Helicopsyche borealis	L	1	1	Hols 1995		
Ceratopsyche branta	L	XI	11	Schmidt 1986		
C. macosa bifida form	L	B=II	47	"		
Chamaetypus	L	Box	56	MCB 2019		
Corydalus cornutus	L	II	7	Hols 1995		
Hydroptila	L	Box	32	MCB 2019		
Optiservus	L	1	1	"	imm	N
O. fastidius	L	A.1	2	Hirschman 1992		
Stenelmis	L	1	1	MCB 2019		N
S. crenata	A	XII	13	Hirschman 1992		
Atheris variegata	L	1	1	Hols 1995		
Anischa	L	1	1	MCB 2019		
Dugesidae	A	1	1	Thorp 2016		
Physa	A	II	2	"		
Pisidium	A	I	6	"		
Naididae Naidinae	A	XI	11	Kath Brin 1998		
Tubificinae (without hairs)	A	II	2	"		
~~Split A2 Chironomidae~~	L	Box	20			
Cardiodadus obscurus	L	II	2	Epler 2001		
Parakiefferella	L	II	2	Ander et al 2013		
Tietema bavaria group	L	I	1	Bode 1983		
T. discoloripes group	L	II	2	"		
Microtendipes pedellus group	L	III	9	Ander et al 2013		
Rhyacotarsus	L	III	9	"		
Eukiefferella brehmi group	L	I	1	"		
Orthocladius (Orthocladius)	L	XI	11	"		
O. (O.) plevieri	L	III	3	Bolton 2012		
Parametopneustes	L	I	1	Ander et al 2013		

Taxonomist: Dimick, Jeffrey

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[illegible]