

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

Page 1 of 2

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 1648400	Sample ID (YYYYMMDD-CY-FD) 20181031-3Z-01
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Sampling Location	Database Key 169214908
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SWIMS Station ID 10014051	SWIMS Station Name CR 19-5(BREIDEL COULEE CR)STATION 1-1976-SE1/4 SW1/4 S18-STARTS 900' UPSTR
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Latitude 43.76879	Longitude -91.14081	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) BAD AXE - LA CROSSE	Watershed Name COON CREEK	County LA CROSSE
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Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name WCR LONG-TERM TREND WADEABLE REFERENCE STREAM
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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 (m ²) 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: _____

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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) 0.3	Average Stream Width of reach (m) 2.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 40	Gravel (ladybug to tennisball): 40
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Sand: 10	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
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Aquatic Macrophytes: 10	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
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Embeddedness of Substrate at Sample Site (%) 20	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	Factors that may be influencing Water Resource Integrity	Local	Water-shed
Biological			Chemical		
Algae: - Diatoms / Periphyton	U	U	Chlorine	n	N
- Filamentous Algae	n	U	Dissolved Oxygen	n	N
- Planktonic Algae	n	U	Nutrients (P, N...)	PL	PI
Iron Bacteria	n	PI	Toxics: - Inorganic (Metals)	n	N
Macrophytes	PL	PI	- Organic (PCBs, pesticides...)	n	N
Slimes	n	U	Other - Specify:	n	
Other - Specify:	n		Sources of Stream Impacts		
			Bank Erosion	PL	PI
			Point Source - Specify:	n	U
Physical			Pasturing of Livestock	n	n
Bank Erosion	PI	PH	Runoff: - Barnyard	PL	PI
Channelization: - Upstream	n	n	<i>Bridge Crossing</i> - Construction	PH	PI
- Downstream	n	n	- Cropland	PL	PI
Hydraulic Scour / Channel Incision	PL	PI	- Urban	PL	PI
Impoundment: - Upstream	n	N	Septic Systems	U	U
- Downstream	n	N	Tile Drainage - Organic Soils	n	U
Low Flow	PL	U	- Mineral Soils	n	U
Sedimentation	n	PI	Springs	U	U
Sludge	n	N	Tributary(s)	n	U
Thermal	U	U	Wetland	n	N
Turbidity	n	N	Other - Specify:		
Other - Specify:					

Comments

Sampled riffle below/upstream of Bridge. Stream was narrow with moderate Bank erosion due to the late August flood in area

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Isabel Dunn	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 33%
Date Processed 11/05/2019	Specimens Saved Subsample archived in ABC until 1 Jan 2023	

D3-31 A1-32
C3-7 B1-
B2-89 D2-
A2-

[illegible]
$$\angle 3 \text{ taxa, } TVAL \leq 2.0$$