

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) 20161018-32-02
---------------------------	------------------------------	--

Sampling Location 5m US of bridge on Breidel Coulee Rd.	Database Key 134803465
--	---------------------------

SWIMS Station ID 10014051	SWIMS Station Name CR 19-5(BREIDEL COULEE CR)STATION 1-1976-SE1/4 SW1/4 S18-STARTS 900' UPSTR
------------------------------	--

Latitude 43.76879	Longitude -91.14081	Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS WGS84 or NAD83
----------------------	------------------------	---	---

Basin (WMU) BAD AXE - LA CROSSE	Watershed Name COON CREEK	County LA CROSSE
------------------------------------	------------------------------	---------------------

Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name WCR LONG-TERM TREND WADEABLE REFERENCE STREAMS
--	--

Sampling Device

☒ 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 (m ²) 1	Number of Samples in Composite 1	Replicate No. 1 of 1
--------------------------------	---	-------------------------------------	----------------------

Reason For Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☐ Other: _____

Water Temp. (C) 12.90	D.O. (mg/l) 10.59	D.O. (% sat.) 100.5	pH (su) 7.84	Conductivity (umhos/cm) 583	Transparency (cm) 120+
--------------------------	----------------------	------------------------	-----------------	--------------------------------	---------------------------

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) 0.25	Average Stream Width of reach (m) 1
---	---	--

Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 80%	Gravel (ladybug to tennisball): 10%
----------------	--	--	-------------------------------------

Sand: 10%	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
-----------	-------------	------------------	-------------------------------

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

Embeddedness of Substrate at Sample Site (%)	25%	Canopy Cover at Sample Site (%)	0%
--	-----	---------------------------------	----

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

Comments Sampled about 5m US from bridge. The riffle was kind of deep (0.25-0.3m), but the substrate was good (rubble, etc.) & I visually saw some stonefly larva. No canopy cover at sampling location, but some overhanging vegetation. Stream has heavy sand deposit areas (more sand deposits then shocking earlier in year due to storm).

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Taylor Hase	Taxonomist Dimick, Jeffray	Estimated Percent of Sample Sorted 40%
Date Processed 8-23-17	Specimens Saved Subsample archived in ABC under Nov 2020	

B3 18
D3 17
E2 24
C1 26
D2 21
B2 21

[illegible]