

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name BOSTWICK CREEK		Waterbody ID Code 1650900	Sample ID (YYYYMMDD-CY-FD) 20181031-32-03
Sampling Location ~40m US of CTH M bridge		Database Key 169485244	
SWIMS Station ID 10009116		SWIMS Station Name BOSTWICK CREEK #4- BRIDGE ON CTY M	
Latitude 43.82936	Longitude -91.060844	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) BAD AXE - LA CROSSE		Watershed Name LOWER LA CROSSE RIVER	County LA CROSSE

Sample and Site Descriptors	
Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name BOSTWICK CREEK TWA 2018

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: BOSTWICK CREEK TWA

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.4	Average Stream Width of reach (m) 2.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: 90 Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

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

Comments sampled ~40m US of bridge. Riffle area was at a bend & pinch point & was very deep in that weg w/ some gravel beneath. Macrophytes on the edge of the riffle were sampled.

Special Instructions for Laboratory

[Handwritten signatures]

For Lab Use Only

Sample Sorter Savanna Erickson	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 5/6/19	Specimens Saved Subsample archived in ABC until Jul 2022	

C2 E2
 11 135 | total 246

