

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name BOSTWICK CREEK		Waterbody ID Code 1650900	Sample ID (YYYYMMDD-CY-FD) 20181031-32-09
Sampling Location ~ 20m US of CTY Rd YY Bridge			Database Key 169485240
SWIMS Station ID 10009115	SWIMS Station Name BOSTWICK CREEK #3- CTY RD YY		
Latitude 43.830322	Longitude -91.09511	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
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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: 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

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) 0.4	Average Stream Width of reach (m) 4
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Composition of Substrate Sampled (Percent):

Bedrock: _____
 Boulders (basketball or larger): 20
 Rubble (tennisball to basketball): 40
 Gravel (ladybug to tennisball): 20
 Sand: 20
 Clay: _____
 Silt/Muck: _____
 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____
 Leaf Snags: _____
 Coarse Woody Debris: _____
 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 40
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	V	Chlorine	U	N
- Filamentous Algae	PL	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	PH	PI
Iron Bacteria	PL	PI	Toxics: - Inorganic (Metals)	U	N
Macrophytes	N	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	PH	PH
Bank Erosion	PH	PI	Runoff: - Barnyard	PL	N
Channelization: - Upstream	N	PI	- Construction	N	N
- Downstream	N	PI	- Cropland	PL	PH
Hydraulic Scour / Channel Incision	PH	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 1st big riffle ~20m US of CH VV bridge. Boulders, rubble, gravel, and sand substrates sampled. stream runs through heavily grazed pasture; bank erosion is severe.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Abby Adams	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 5-8-19	Specimens Saved Subsample archived on ABC until Jul 2020	

B3 D2 D3
 58 64 50

total = 172