

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name BOSTWICK CREEK		Waterbody ID Code 1650900	Sample ID (YYYYMMDD-CY-FD) 20181031-32-11
Sampling Location ✓ 25m US of barbed wire fence		Database Key 169485256	
SWIMS Station ID 10009119		SWIMS Station Name BOSTWICK CREEK #7- FIELD RD. CROSSING ON TREMAINE PROPERTY	
Latitude 43.804935	Longitude -90.99276	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			
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____			
Habitat Sampled			
<input checked="" type="checkbox"/> Riffle <input type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland			
Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. 1 of 1
Reason For Sampling			
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: <u>Bostwick Creek TWA</u>			
Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)
Water Color		Estimated Stream Velocity (m/s)	
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained		<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)	
Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2		Average Stream Width of reach (m) 2.5
Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>70</u>	Gravel (ladybug to tennisball): <u>20</u>
Sand: <u>10</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (_____): _____
Embeddedness of Substrate at Sample Site (%) <u>20</u>		Canopy Cover at Sample Site (%) <u>0</u>	

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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
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	N	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	PL	PH
			Point Source - Specify:	N	N
Physical			Pasturing of Livestock	PH	PH
Bank Erosion	PL	PI	Runoff: - Barnyard	PH	N
Channelization: - Upstream	PL	PI	- Construction	N	N
- Downstream	PL	PI	- Cropland	PL	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	U	Tributary(s)	N	PI
Thermal	U	N	Wetland	N	N
Turbidity	N	PL	Other - Specify:		
Other - Specify:		N			

Comments Sampled ~25m US of barbed wire fence. Riffles changed from before the late August flood until now. Riffle areas have disappeared or changed and bank erosion & flood deposition are severe.

Special Instructions for Laboratory

Sample poorly preserved *JD*

For Lab Use Only

Sample Sorter <i>Logan Cutler</i>	Taxonomist <i>Dimock, Jeffrey</i>	Estimated Percent of Sample Sorted 27%
Date Processed 5/9/2019	Specimens Saved 37 + 34 + 26 + 30 = 127 Subsample archived in ABL units 1	

C3 C2 A3 B3 Totals
3hr + 2hr

JUL 2022