

Instructions: Bold fields must be completed.

Station Summary			
<b>Waterbody Name</b> UNNAMED		<b>Waterbody ID Code</b> 1651100	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20181031-32-DB
<b>Sampling Location</b> 15 m DS of Perched Culvert			<b>Database Key</b> 169485264
<b>SWIMS Station ID</b> 10014053		<b>SWIMS Station Name</b> CREEK 20-1 STATION 1-1974-NE 1/4 NE 1/4 S20-STARTS AT OLD CTH M BRIDGE CRC	
<b>Latitude</b> 43.85513	<b>Longitude</b> -91.11118	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> BAD AXE - LA CROSSE		<b>Watershed Name</b> LOWER LA CROSSE RIVER	<b>County</b> LA CROSSE

Sample and Site Descriptors	
<b>Sample Collector (Last Name, First)</b> CAMILLE BRUHN	<b>Project Name</b> 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

<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

Least Impacted Reference     
  Baseline     
  Impact / Treatment Site  
 Control Site     
  Trend     
  Other: TWA - Bostwick Creek

<b>Water Temp. (C)</b>	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b>
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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)

<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.2 m	<b>Average Stream Width of reach (m)</b> 2 m
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 50  
 Sand: 30 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 (%) 40

**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			Factors that may be influencing Water Resource Integrity		
Local	Water-shed		Local	Water-shed	
<b>Biological</b>			<b>Chemical</b>		
Algae: - Diatoms / Periphyton	U	U	Chlorine	N	N
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	PL	PL
Iron Bacteria	PL	PL	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	PL	- Organic (PCBs, pesticides...)	N	U
Slimes	N	N	Other - Specify:		
Other - Specify:			<b>Sources of Stream Impacts</b>		
			Bank Erosion	PL	PH
			Point Source - Specify:	N	N
<b>Physical</b>			Pasturing of Livestock	N	PH
Bank Erosion	PL	PL	Runoff: - Barnyard	N	N
Channelization: - Upstream	<del>N</del>	PL	- Construction	N	N
- Downstream	N	PL	- Cropland	PL	PH
Hydraulic Scour / Channel Incision	PL	PL	- Urban	PL	PL
Impoundment: - Upstream	N	N	Septic Systems	U	N
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	PL	N	- Mineral Soils	U	U
Sedimentation	PL	PH	Springs	U	U
Sludge	N	N	Tributary(s)	PL	PL
Thermal	U	N	Wetland	U	N
Turbidity	PL	PL	Other - Specify:		
Other - Specify:	PH				

Comments

Major Perched Culvert above Sample Site. Sampled Small Piffle.

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Kiersten Czarnecki	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 27%
Date Processed 5/8/2019	Specimens Saved 156 subsample archived in ABL info/	

B1: 18    C3: 44    E2: 59    A1: 35

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62    59

