

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> BABB CREEK	<b>Waterbody ID Code</b> 1279100	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20170928-57-02
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<b>Sampling Location</b>	<b>Database Key</b> 150534605
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<b>SWIMS Station ID</b> 10008283	<b>SWIMS Station Name</b> BABB CREEK STATION 1 COON VALLEY RD
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<b>Latitude</b> 43.519535	<b>Longitude</b> -90.03533	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> LOWER WISCONSIN	<b>Watershed Name</b> CROSSMAN CREEK AND LITTLE BARABOO F	<b>County</b> SAUK
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> JEAN UNMUTH	<b>Project Name</b> SOUTH DISTRICT FOLLOW UP MONITORING FOR IMPAIRM
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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

<b>Total Sampling Time (min)</b> 60	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 5.0	<b>Number of Samples in Composite</b> 50	<b>Replicate No.</b> _____ <b>of</b> _____
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**Reason For Sampling**

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

<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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<b>Water Color</b>	<b>Estimated Stream Velocity (m/s)</b>
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)

<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.6	<b>Average Stream Width of reach (m)</b> 2.3
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): \_\_\_\_\_

Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: 20 Overhanging Vegetation: 60

Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 10 Coarse Woody Debris: 10 Other ( \_\_\_\_\_ ): \_\_\_\_\_

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

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dinick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>33%</i>
Date Processed <i>1/24/18</i>	Specimens Saved <i>Subsample archived in ABL until Apr 2021</i>	

*E3-14*  
*B2 = 45*  
*A2 - 20*  
*C3 = 24*  
*C1 = 22*

