

Instructions: Bold fields must be completed.

Station Summary					
<b>Waterbody Name</b> PLEASANT VALLEY BR		<b>Waterbody ID Code</b> 908500		<b>Sample ID (YYYYMMDD-CY-FD)</b> 20181015-13-02	
<b>Sampling Location</b> 50 m upstream of CTH H				<b>Database Key</b> 169818883	
<b>SWIMS Station ID</b> 10010700		<b>SWIMS Station Name</b> PLEASANT VALLEY BR - CTY H BRIDGE CROSSING (UPSTREAM SITE)			
<b>Latitude</b> 42.89202	<b>Longitude</b> 89.7732		<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>		<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> SUGAR - PECATONICA		<b>Watershed Name</b> GORDON CREEK		<b>County</b> DANE	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> AMRHEIN, JAMES			<b>Project Name</b> PLEASANT AND KITTLESON VALLEY 5 YEAR FOLLOW UP -		
<b>Sampling Device</b>					
<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               Other: _____					
<b>Habitat Sampled</b>					
<input type="checkbox"/> Riffle <input checked="" 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					
<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> _____ <b>of</b> _____
<b>Reason For Sampling</b>					
<input type="checkbox"/> Least Impacted Reference <input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend               Other: _____					
<b>Water Temp. (C)</b> 8.6	<b>D.O. (mg/l)</b> 12.16	<b>D.O. (% sat.)</b> 104.1	<b>pH (su)</b> 8.12	<b>Conductivity (umhos/cm)</b> 553	<b>Transparency (cm)</b>
<b>Water Color</b>			<b>Estimated Stream Velocity (m/s)</b>		
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" 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>		<b>Average Stream Width of reach (m)</b>	
<b>Composition of Substrate Sampled (Percent):</b>					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): 70	
Sand: 10		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: 10		Leaf Snags: _____	Coarse Woody Debris: _____	Other ( _____ ): _____	
<b>Embeddedness of Substrate at Sample Site (%)</b> 0			<b>Canopy Cover at Sample Site (%)</b> 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				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
<b>Physical</b>				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Kay Lawalcox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>6/16/19</i>	Specimens Saved <i>167</i>	

*subsample archived in ABC until Aug 2022*

*G1=42 167  
 A2=125*