

Instructions: Bold fields must be completed.

Station Summary			
<b>Waterbody Name</b> UNNAMED		<b>Waterbody ID Code</b> 1241800	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20201103-25-03
<b>Sampling Location</b> ~ 6m DS of Field Rd/Pasture Rd Crossing		<b>Database Key</b> 252558649	
<b>SWIMS Station ID</b> 10029601		<b>SWIMS Station Name</b> TRIB TO LOWERY CR.	
<b>Latitude</b> 43.10435	<b>Longitude</b> -90.05560	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
<b>Basin (WMU)</b> LOWER WISCONSIN		<b>Watershed Name</b> OTTER AND MORREY CREEKS	<b>County</b> IOWA
Sample and Site Descriptors			
<b>Sample Collector (Last Name, First)</b> KIMBERLY KUBER		<b>Project Name</b> LOWERY CREEK (IOWA COUNTY) TWA 2020	
<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 <input type="checkbox"/> Other: _____			
<b>Habitat Sampled</b>			
<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			
<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b>	<b>Replicate No. _____ of _____</b>
<b>Reason For Sampling</b>			
<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>Lowery Creek (Iowa County) TWA 2020</u>			
<b>Water Temp. (C)</b> 9.4	<b>D.O. (mg/l)</b> 10.9	<b>D.O. (% sat.)</b> 98	<b>pH (su)</b> 8.31
<b>Conductivity (umhos/cm)</b> 554.6		<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 checked="" 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> 0.15		<b>Average Stream Width of reach (m)</b> 1.8
<b>Composition of Substrate Sampled (Percent):</b>			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): <u>70</u>
Sand: <u>30</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other ( _____ ): _____
<b>Embeddedness of Substrate at Sample Site (%)</b> <u>10</u>		<b>Canopy Cover at Sample Site (%)</b> <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	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

*Cates Family Farm Property*

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter <i>Dunn, Isabel</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>10.9%</i>
Date Processed <i>7/9/2024</i>	Specimens Saved <i>Subsample archived in ABC until Aug 2024</i>	

12:40-  
1:20  
1:35-  
3:35

B3 A1  
 3-22 3-20  
 2-21 4-18  
 1-18 1-19  
 4-15 2

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