

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name LOWERY CREEK		Waterbody ID Code 1241400	Sample ID (YYYYMMDD-CY-FD) 20201103-25-02
Sampling Location ~ 6m DS of Driveway Crossing		Database Key 252558584	
SWIMS Station ID 253196		SWIMS Station Name LOWERY CREEK AT FARM DRIVEWAY NR SPRING GREEN	
Latitude 43.10387	Longitude -90.05266	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name OTTER AND MORREY CREEKS	County IOWA
Sample and Site Descriptors			
Sample Collector (Last Name, First) KIMBERLY KUBER		Project Name LOWERY CREEK (IOWA COUNTY) TWA 2020	
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	Replicate No. _____ of _____
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>Lowery Creek (Iowa County) TWA 2020</u>			
Water Temp. (C) 9.5	D.O. (mg/l) 11.3	D.O. (% sat.) 102	pH (su) 8.38
Conductivity (umhos/cm) 538.4		Transparency (cm)	
Water Color		Estimated Stream Velocity (m/s)	
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <u>slightly</u> <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)	
Measured Velocity	Average Stream Depth of reach (m)	Average Stream Width of reach (m)	
circle units m/s or f/s	0.2	2.5	
Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>20</u>	Gravel (ladybug to tennisball): <u>80</u>
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____
Embeddedness of Substrate at Sample Site (%) <u>—</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	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
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:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
Physical				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>Dum, Isabel</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>4.70%</i>
Date Processed <i>7/9/2021</i>	Specimens Saved <i>Subsample archived in ABC until Aug 2024</i>	

10:00-
12:35

B3
 1-34
 4-59
 2
 3

C1
 2-50
 1
 4
 3

143

