

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name LOWERY CREEK		Waterbody ID Code 1241400		Sample ID (YYYYMMDD-CY-FD) 20201103-25-01		
Sampling Location ~7m US of Far Look Rd				Database Key 252558641		
SWIMS Station ID 10053946		SWIMS Station Name LOWERY CREEK AT FAR LOOK ROAD				
Latitude 43.08591	Longitude -90.04623		Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS <u>WGS84</u> 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) 8.1	D.O. (mg/l) 9.2	D.O. (% sat.) 80	pH (su) 8.19	Conductivity (umhos/cm) 491.9		Transparency (cm)
Water Color				Estimated Stream Velocity (m/s)		
<input type="checkbox"/> Clear <input checked="" 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)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.1		Average Stream Width of reach (m) 2.5		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>30</u>		Gravel (ladybug to tennisball): <u>60</u>
Sand: <u>10</u>		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____		Other (_____): _____
Embeddedness of Substrate at Sample Site (%) <u>10</u>				Canopy Cover at Sample Site (%) <u>80</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

Turbidity due to cattle in stream just US of our sample site.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Dunn, Isabel	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 37.5%
Date Processed 7/8/2024	Specimens Saved Subsample archived in ABL until Aug 2024	

4:15-
100

A3
 4
2
3
1 } 25

C2
1
4
3
2 } 22

D3
C3
A4 } 72

A1
4
1
2 } 16

(135)

