

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name AVERILL CREEK @ CTH E			Waterbody ID Code 1498800		Sample ID (YYYYMMDD-CY-FD) 20161031-35-07
Sampling Location Riffle 30m US Cth E				Database Key 133630856	
SWIMS Station ID 10034423		SWIMS Station Name AVERILL CREEK - 25M US FROM CTH E			
Latitude 45.323524	Longitude -89.864204	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) UPPER WISCONSIN		Watershed Name NEW WOOD RIVER		County LINCOLN	
Sample and Site Descriptors					
Sample Collector (Last Name, First) JAMES KLOSIEWSKI JACKSON, Jeff			Project Name AVERIL CREEK-NEW WOOD RIVER TWA TALU 2016		
Sampling Device					
☒ 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					
Total Sampling Time (min) 1 min		Estimated Area Sampled (m ²) 1 m ²		Number of Samples in Composite 3-20 sec	
				Replicate No. <u>1</u> of <u>1</u>	
Reason For Sampling					
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☒ Other: _____					
Water Temp. (C) 8.18	D.O. (mg/l) 11.70	D.O. (%sat.) 98.7	pH (su)	Conductivity (umhos/cm) 51	Transparency (cm) 115
Water Color ☐ Clear ☐ Turbid ☒ Stained			Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.3		Average Stream Width of reach (m) 6m	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>30</u>	
Sand: <u>10</u>		Clay: _____		Gravel (ladybug to tennisball): <u>40</u>	
Silt/Muck: _____		Overhanging Vegetation: _____			
Aquatic Macrophytes: <u>10</u>		Leaf Snags: <u>10</u>		Coarse Woody Debris: _____ Other (____): _____	
Embeddedness of Substrate at Sample Site (%) <u>0</u>		Canopy Cover at Sample Site (%) <u>40</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	N		Chlorine		
- Filamentous Algae			Dissolved Oxygen		
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)		
Macrophytes	PL	U	- Organic (PCBs, pesticides...)		
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	U
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion	N		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	N	N	Springs	U	U
Sludge			Tributary(s)	U	U
Thermal			Wetland	U	U
Turbidity			Other - Specify:		
Other - Specify:					

Comments
Very dark water

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Kayla Wilcox	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 17%
Date Processed 3/4/17	Specimens Saved Subsample archived in ABC until Aug 2020	

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