

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name AVERILL CREEK			Waterbody ID Code 1498800		Sample ID (YYYYMMDD-CY-FD) 20161031-35-06
Sampling Location Averill Creek Riffle Appox. 30m DS Firelane				Database Key 133630852	
SWIMS Station ID 10034424		SWIMS Station Name AVERILL CREEK - 163M DS FROM FORMER AVERILL CREEK FIRELANE			
Latitude 45.34712	Longitude -89.88387	Lat/Long Determination Method (circle) SWIMS SWDV GPS			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 Jeff Jackson			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) 7	Estimated Area Sampled (m ²) 1m ²		Number of Samples in Composite 3-20sec		Replicate No. 1 of 1
Reason For Sampling					
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☒ Other: TWA					
Water Temp. (C) 8.20	D.O. (mg/l) 11.45	D.O. (%sat.) 97.1	pH (su)	Conductivity (umhos/cm) 36	Transparency (cm) >120
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) 0.25		Average Stream Width of reach (m) 3.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 20	Gravel (ladybug to tennisball): 50	
Sand: 10		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: 20		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 10			Canopy Cover at Sample Site (%) 20		

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	PL	PL	- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	U	U
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion	N	U	Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream	U	U	Septic Systems		
- Downstream	U	U	Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs		
Sludge			Tributary(s)	U	
Thermal			Wetland	U	
Turbidity			Other - Specify:		
Other - Specify:					

Comments
Most overhanging woody veg was trimmed sometime late summer

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Justin Kowalski	Taxonomist Dimitry Jeffery	Estimated Percent of Sample Sorted 70%
Date Processed 3/3/17	Specimens Saved Subsample archived in ABC until Aug 2020	

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