

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name NEW WOOD RIVER @ Tesch Rd.		Waterbody ID Code 1497900		Sample ID (YYYYMMDD-CY-FD) 20160927-35-01	
Sampling Location ≈ 30 m upstream of bridge @				Database Key 133630872	
SWIMS Station ID 10021833		SWIMS Station Name NEW WOOD RIVER AT TESCH RD.			
Latitude 45.24183	Longitude -89.81243	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or <u>NAD83</u>	
Basin (WMU) UPPER WISCONSIN		Watershed Name NEW WOOD RIVER		County LINCOLN	
Sample and Site Descriptors					
Sample Collector (Last Name, First) JAMES KLOSIEWSKI Joe Cunningham			Project Name AVERIL CREEK-NEW WOOD RIVER TWA TALU 2016		
Sampling Device					
<input checked="" type="checkbox"/> 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) 2 min	Estimated Area Sampled (m²) 1 m ²	Number of Samples in Composite 3-20sec sub samples		Replicate No. 1 of 1	
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: TWA	
Water Temp. (C) 13.1	D.O. (mg/l) 9.93	D.O. (% sat.) 94.4	pH (su) 7.53	Conductivity (umhos/cm) 67.3	Transparency (cm) 102
Water Color			Estimated Stream Velocity (m/s)		
<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" 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) 0.3m		Average Stream Width of reach (m) 11.0m	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 50	
Sand: 30		Clay: _____		Gravel (ladybug to tennisball): 20	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Other (_____): _____		Overhanging Vegetation: _____		Other (_____): _____	
Embeddedness of Substrate at Sample Site (%) 25			Canopy Cover at Sample Site (%) 60%		

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Kayla WJP/COX	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 2/28/17	Specimens Saved Subsample archived in ABC until Aug 2020	

A1073
 E2081