

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name NEW WOOD RIVER @ CTHE	Waterbody ID Code 1497900	Sample ID (YYYYMMDD-CY-FD) 20160927-35-03
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Sampling Location First riffle downstream of bridge ≈ 80 m	Database Key 133630876
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SWIMS Station ID 10009244	SWIMS Station Name NEW WOOD RIVER: 410 METERS DOWNSTREAM FROM COUNTY ROAD E
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Latitude 45.299595	Longitude -89.88988	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) UPPER WISCONSIN	Watershed Name NEW WOOD RIVER	County LINCOLN
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Sample and Site Descriptors

Sample Collector (Last Name, First) JAMES KLOSIEWSKI Joe Cunningham	Project Name AVERIL CREEK-NEW WOOD RIVER TWA TALU 2016
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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) 1.0 min	Estimated Area Sampled (m²) 1.0 m ²	Number of Samples in Composite 3-30 second Kicks	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 13.3	D.O. (mg/l) 9.79	D.O. (% sat.) 93.6	pH (su) 7.44	Conductivity (umhos/cm) 58.0	Transparency (cm) 97
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 10
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 20

Sand: 30 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 15
 Canopy Cover at Sample Site (%) 10

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

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Andrew Kohlmann	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 2/28/17	Specimens Saved Subsample archived in ABC until Aug 2020	

B3-170