

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name CENTER FK NEW WOOD RIVER	Waterbody ID Code 1501000	Sample ID (YYYYMMDD-CY-FD) 20161031-35-05

Sampling Location Run app. 50m DS culvert	Database Key 133630860
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SWIMS Station ID 10034427	SWIMS Station Name CENTER FORK NEW WOOD RIVER - 180M DS FROM TOWER RD.
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Latitude 45.372334	Longitude -89.99879	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 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) 1.0	Estimated Area Sampled (m ²) 1.5m ²	Number of Samples in Composite 3-20sec	Replicate No. 1 of 1
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Reason For Sampling		
☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☒ Other: _____

Water Temp. (C) 7.48	D.O. (mg/l) 8.48	D.O. (%sat.) 70.5	pH (su)	Conductivity (umhos/cm) 58	Transparency (cm) >120
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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)
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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) 3.0
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Composition of Substrate Sampled (Percent):			
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): 20
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: 40
Aquatic Macrophytes: 20	Leaf Snags: _____	Coarse Woody Debris: 20	Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20	Canopy Cover at Sample Site (%) 0
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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	N		Runoff: - Barnyard		
Channelization: - Upstream	N		- Construction		
- Downstream	N		- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream	U	U	Septic Systems		
- Downstream	U	U	Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation	U	U	Springs		
Sludge			Tributary(s)		
Thermal			Wetland		
Turbidity			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Kuhne, Alison	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 3-1-17	Specimens Saved Subsample archived in ABL until Aug 2020	

D3 → 60
B1 → 34
E2 → 92
A3 →