

Instructions: Bold fields must be completed.

Station Summary		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD)
Waterbody Name LITTLE WILLOW CREEK		1221300	20171003-53-01
Sampling Location			Database Key 150534776
SWIMS Station ID 10012231		SWIMS Station Name LITTLE WILLOW AT SPIRAL RD.	
Latitude 43.345383	Longitude -90.304726	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name WILLOW CREEK	County RICHLAND

Sample and Site Descriptors	Project Name
Sample Collector (Last Name, First) AMRHEIN, JAMES	SOUTH DISTRICT NC STREAM STRATIFIED SITES 2017

Sampling Device

D-Frame 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) 4.0	Estimated Area Sampled (m ²) 3.0	Number of Samples in Composite 0	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.20	Average Stream Width of reach (m) 3.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 40 Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 10
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 10
 Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: _____ Other (____): _____
 Embeddedness of Substrate at Sample Site (%) 30 Canopy Cover at Sample Site (%) 0

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		N	
- Filamentous Algae		PH		Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)		PH	
Iron Bacteria		PL		Toxics: - Inorganic (Metals)			
Macrophytes		N		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PH	PH
				Point Source - Specify:		N	N
				Pasturing of Livestock		PH	PH
				Runoff: - Barnyard		PH	PH
				- Construction		N	N
				- Cropland		PH	PH
				- Urban		N	N
				Septic Systems			
				Tile Drainage - Organic Soils			
				- Mineral Soils			
				Springs			
				Tributary(s)			
				Wetland			
				Other - Specify:			
Physical							
Bank Erosion		PH	PH				
Channelization: - Upstream							
- Downstream							
Hydraulic Scour / Channel Incision		PH	PH				
Impoundment: - Upstream							
- Downstream							
Low Flow							
Sedimentation		PH	PH				
Sludge							
Thermal							
Turbidity		PH	PH				
Other - Specify:							
Comments							

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Keyowilcox	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	137%
Site Processed	7/16/18	Specimens Saved	subsample archived in AOL until Nov 2021		

1=61 120