

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name ELK CREEK		Waterbody ID Code 1191700	Sample ID (YYYYMMDD-CY-FD) 20161027-53-01
Sampling Location			Database Key 135786495
SWIMS Station ID 10029677		SWIMS Station Name ELK CREEK-WAGS1-STATION #4-WAGNER PROPERTY 28M US FROM CTY U	
Latitude 43.451275	Longitude -90.65398	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN		Watershed Name MIDDLE KICKAPOO RIVER	County RICHLAND

Sample and Site Descriptors	
Sample Collector (Last Name, First) JEAN UNMUTH	Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 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) 5.0	Estimated Area Sampled (m ²) 5.0	Number of Samples in Composite 1	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) 108
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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) 0.5	Average Stream Width of reach (m) 1.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 30
 Sand: _____ Clay: 10 Silt/Muck: 20 Overhanging Vegetation: 10
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 70 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			Factors that may be influencing Water Resource Integrity		
	Local	Water-shed		Local	Water-shed
Biological			Chemical		
Algae: - Diatoms / Periphyton	N		Chlorine	N	
- Filamentous Algae	N		Dissolved Oxygen	N	
- Planktonic Algae	N		Nutrients (P, N...)	N	
Iron Bacteria	N		Toxics: - Inorganic (Metals)	N	
Macrophytes	N		- Organic (PCBs, pesticides...)	N	
Slimes	N		Other - Specify:		
Other - Specify:	N		Sources of Stream Impacts		
			Bank Erosion	N	
Physical			Point Source - Specify:	N	
Bank Erosion	N		Pasturing of Livestock	N	
Channelization: - Upstream	N		Runoff: - Barnyard	N	
- Downstream	N		- Construction	N	
Hydraulic Scour / Channel Incision	N		- Cropland	N	
Impoundment: - Upstream	N	N	- Urban	N	
- Downstream	N	N	Septic Systems		
Low Flow	N		Tile Drainage - Organic Soils		
Sedimentation	N	N	- Mineral Soils		
Sludge	N		Springs		
Thermal	N		Tributary(s)		
Turbidity	N		Wetland		
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Kuhne, Alison	Taxonomist Dimitry Jeffrey	Estimated Percent of Sample Sorted 13
Date Processed 4-24-17	Specimens Saved Subsample archived in ABL until Oct 20 20	

D1-82
 C2-127

