

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name UNNAMED			Waterbody ID Code 812900		Sample ID (YYYYMMDD-CY-FD) 20181019-28-01	
Sampling Location 50 m upstream of STH 106 NC-337					Database Key 169497063	
SWIMS Station ID 10033602		SWIMS Station Name UNNAMED TRIB (812900) TO LAKE KOSHKONONG AT STH 106				
Latitude 42.92423		Longitude 88.95025		Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER ROCK			Watershed Name LOWER KOSHKONONG CREEK		County JEFFERSON	
Sample and Site Descriptors						
Sample Collector (Last Name, First) AMRHEIN, JAMES				Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2018		
Sampling Device						
<input checked="" type="checkbox"/> D-Frame 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 type="checkbox"/> Riffle		<input type="checkbox"/> Run		<input type="checkbox"/> Pool		
<input type="checkbox"/> Other		<input type="checkbox"/> Shoreline Composite		<input checked="" type="checkbox"/> Proportionally-Sampled Habitat		
<input type="checkbox"/> Littoral Zone		<input type="checkbox"/> Profundal Zone		<input type="checkbox"/> Wetland		
Total Sampling Time (min) 2		Estimated Area Sampled (m²) 2		Number of Samples in Composite 1		Replicate No. _____ of _____
Reason For Sampling						
<input type="checkbox"/> Least Impacted Reference		<input checked="" type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site		
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input type="checkbox"/> Other: _____		
Water Temp. (C) 8.8	D.O. (mg/l) 9.67	D.O. (% sat.) 83.1	pH (su) 8.0	Conductivity (umhos/cm) 542		Transparency (cm)
Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input 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)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m)		Average Stream Width of reach (m)		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____		Gravel (ladybug to tennisball): _____
Sand: _____		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: 50
Aquatic Macrophytes: _____		Leaf Snags: 40		Coarse Woody Debris: 10		Other (____): _____
Embeddedness of Substrate at Sample Site (%) N/A				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			
- 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:			
				Pasturing of Livestock			
Physical				Runoff: - Barnyard			
Bank Erosion				- Construction			
Channelization: - Upstream				- Cropland			
- Downstream				- Urban			
Hydraulic Scour / Channel Incision				Septic Systems			
Impoundment: - Upstream				Tile Drainage - Organic Soils			
- Downstream				- Mineral Soils			
Low Flow				Springs			
Sedimentation				Tributary(s)			
Sludge				Wetland			
Thermal				Other - Specify:			
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Abby Adams	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 27%
Date Processed 9-8-2019	Specimens Saved Subsample archived in ABC until Nov 2022	

B1 C1 B2 D1
 49 28 31 48
 Total Specs = 156