

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name UNNAMED	Waterbody ID Code 1818900	Sample ID (YYYYMMDD-CY-FD) 20171011-62-02

Sampling Location 25m DS of bridge in 1st riffle	Database Key 149644352
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SWIMS Station ID 10048616	SWIMS Station Name UNNAMED CREEK DS NORDIN RIDGE ROAD
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Latitude 44.5004425	Longitude -91.5272583	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) BUFFALO - TREMPEALEAU	Watershed Name LOWER BUFFALO RIVER	County TREMPEALEAU
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Sample and Site Descriptors	
Sample Collector (Last Name, First) MYCAL RALEIGH	Project Name WEST 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) 30 seconds	Estimated Area Sampled (m ²) 1	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason for Sampling

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

Water Temp. (C) 11.11	D.O. (mg/l) 9.46	D.O. (%sat.) 86.3	pH (su) 7.56	Conductivity (umhos/cm) 570	Transparency (cm)
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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) 0.1	Average Stream Width of reach (m) 2
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 85 Gravel (ladybug to tennisball): 10
 Sand: 5 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 0 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	U	Chlorine	N	U
		- Filamentous Algae	N	U	Dissolved Oxygen	U	U
		- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
		Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
		Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
		Slimes	N	U	Other - Specify:		
		Other - Specify:			Sources of Stream Impacts		
					Bank Erosion	PL	U
					Point Source - Specify:	N	U
Physical					Pasturing of Livestock	N	PL
		Bank Erosion	PL	U	Runoff: - Barnyard	N	PL
		Channelization: - Upstream	N	U	- Construction	N	U
		- Downstream	N	U	- Cropland	PL	PL
		Hydraulic Scour / Channel Incision	PL	U	- Urban	N	N
		Impoundment: - Upstream	U	U	Septic Systems	U	U
		- Downstream	N	U	Tile Drainage - Organic Soils	U	U
		Low Flow	N	U	- Mineral Soils	U	U
		Sedimentation	PL	U	Springs	U	U
		Sludge	N	U	Tributary(s)	U	U
		Thermal	U	U	Wetland	U	U
		Turbidity	N	U	Other - Specify:		
		Other - Specify: <i>poached culvert</i>	PL	U			

Comments

Pool sedimented more since last visit.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>70%</i>
Date Processed <i>12/14/18</i>	Specimens Saved <i>Subsample archived in ABL until Dec 2021</i>	

C3-267