

Instructions: **Bold** fields must be completed.

Station Summary					
Waterbody Name MILL CREEK		Waterbody ID Code 1688500		Sample ID (YYYYMMDD-CY-FD) 20191015-27-03	
Sampling Location 25m US of Sandburg Bridge Crossing				Database Key 210267580	
SWIMS Station ID 10015333		SWIMS Station Name MILL CREEK - SANDBURG RD XING			
Latitude 44.09695562	Longitude -91.10326632	Lat/Long Determination Method (circle) SWIMS SWDV GPS			Datum Used if using GPS WGS84 or NAD83
Basin (WMU) BLACK RIVER		Watershed Name BIG AND DOUGLAS CREEKS		County JACKSON	
Sample and Site Descriptors					
Sample Collector (Last Name, First) TAYLOR M HASZ, ANDREW J SCHNEYER			Project Name WEST DISTRICT NC STREAM STRATIFIED SITES 2019		
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 checked="" type="checkbox"/> Run		<input type="checkbox"/> Pool	
<input type="checkbox"/> Other		<input type="checkbox"/> Shoreline Composite		<input type="checkbox"/> Proportionally-Sampled Habitat	
<input type="checkbox"/> Littoral Zone		<input type="checkbox"/> Profundal Zone		<input type="checkbox"/> Wetland	
Total Sampling Time (min) 1	Estimated Area Sampled (m ²) 1	Number of Samples in Composite 1		Replicate No. 1 of 1	
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: NCSR	
Water Temp. (C) 7.48	D.O. (mg/l) 14.06	D.O. (% sat.) 117.6	pH (su) 7.80	Conductivity (umhos/cm) 425	Transparency (cm)
Water Color <input checked="" type="checkbox"/> Clear <input 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) 0.3 m		Average Stream Width of reach (m) 2 m		
Composition of Substrate Sampled (Percent):					
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____		
Sand: 80	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____		
Aquatic Macrophytes: _____	Leaf Snags: 20	Coarse Woody Debris: _____	Other (_____): _____		
Embeddedness of Substrate at Sample Site (%) _____			Canopy Cover at Sample Site (%) 40		

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

Comments

Sampled in a Runoff Due to lack of riffles US of site. Sampled around log jams and leaf snags.

Special Instructions for Laboratory

9/16/20

For Lab Use Only

Sample Sorter Michael Valera	Taxonomist Dimitry J. Gray	Estimated Percent of Sample Sorted 10%
Date Processed 9/16/2020	Specimens Saved 131 subsample archived on ABL on 11 Nov 2023	

Millcreek
 20191015-27-03
 Quad. = B2^{a4} D2^{a2} B2^{a1} D2^{a4} B2^{a3} D2^{a3}
 # spec. = 32 19 35 17 16 12

MLL MLL MLL

(B1)

