

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name Rock Spring Run	Waterbody ID Code 180400	Sample ID (YYYYMMDD-CY-FD) 20190930-11-03
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Sampling Location Crown Road	Database Key 212562222
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SWIMS Station ID 10052539	SWIMS Station Name ROCK SPRING RUN AT CROWN RD (FARTHEST UPSTREAM CROSSING ON CROWN RD)
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Latitude 43.57769	Longitude -89.17181	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
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Basin (WMU) UPPER FOX	Watershed Name SWAN LAKE	County COLUMBIA
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Sample and Site Descriptors

Sample Collector (Last Name, First) KIMBERLY KUBER	Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2019
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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) /	Estimated Area Sampled (m²) /	Number of Samples in Composite /	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 17.8	D.O. (mg/l) 8.43	D.O. (% sat.) 88.8	pH (su) 7.90	Conductivity (umhos/cm) 524	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 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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 50
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) N/A
 Canopy Cover at Sample Site (%) 90

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 *NC - 315*

Special Instructions for Laboratory

116 *C3 C2 B1 A1*
7 5 5 5

For Lab Use Only

Sample Sorter <i>Michael Vacteria RRV</i>		Taxonomist <i>Dimick, Jeffrey</i>		Estimated Percent of Sample Sorted <i>100%</i>	
Date Processed <i>10/11/2020</i>		Specimens Saved <i>Subsample archived in ABC until Nov 2023</i>			
<i>C1^{Q3}</i>	<i>E1^{Q3}</i>	<i>C1^{Q2}</i>	<i>E1^{Q4}</i>	<i>E1^{Q4}</i>	<i>E1^{Q2}</i>
<i>5</i>	<i>6</i>	<i>3</i>	<i>6</i>	<i>1</i>	<i>8</i>
				<i>C1^{Q1}</i>	<i>E1^{Q1}</i>
				<i>0</i>	<i>3</i>
				<i>D2</i>	<i>E2</i>
				<i>23</i>	<i>4</i>
				<i>A3</i>	<i>E3</i>
				<i>2</i>	<i>2</i>
				<i>A2</i>	<i>B3</i>
				<i>6</i>	<i>5</i>
				<i>B2</i>	<i>D1</i>
				<i>8</i>	<i>7</i>
				<i>D3</i>	<i>5</i>

