

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

Station Summary		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD)
Waterbody Name CRAWFISH RIVER		829700	20171010-11-05
Sampling Location <i>3 m downstream of Hall Rd</i>			Database Key 151307030
SWIMS Station ID 113143		SWIMS Station Name CRAWFISH RIVER - HALL RD	
Latitude <i>43.35808</i>	Longitude <i>89.05628</i>	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) UPPER ROCK		Watershed Name UPPER CRAWFISH RIVER	County COLUMBIA

Sample and Site Descriptors	Project Name
Sample Collector (Last Name, First) AMRHEIN, JAMES	SOUTH 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) <i>2</i>	Estimated Area Sampled (m ²) <i>2</i>	Number of Samples in Composite <i>1</i>	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) <i>13.9</i>	D.O. (mg/l) <i>8.82</i>	D.O. (%sat.) <i>85.3</i>	pH (su) <i>8.0</i>	Conductivity (umhos/cm) <i>660</i>	Transparency (cm)
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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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): *10* Rubble (tennisball to basketball): *60* Gravel (ladybug to tennisball): *20*

Sand: *10* Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) *20* Canopy Cover at Sample Site (%) *20*

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			
				Runoff: - Barnyard			
				- Construction			
				- Cropland			
				- Urban			
				Septic Systems			
				Tile Drainage - Organic Soils			
				- Mineral Soils			
				Springs			
				Tributary(s)			
				Wetland			
				Other - Specify:			

Comments

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>7%</i>
Processed <i>7/27/18</i>	Specimens Saved <i>Subsample archived in ABL until Nov 2021</i>	

198