

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

Station Summary

Waterbody Name Trade River		Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD) 20190904-07- 03 02 30
Sampling Location at Carl Berg Rd		Database Key 204308385	
SWIMS Station ID 10052622	SWIMS Station Name TRADE RIVER AT CARL BERG RD		
Latitude 45.67206	Longitude -92.65530	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS <u>WGS84</u> or NAD83
Basin (WMU) ST. CROIX	Watershed Name TRADE RIVER	County BURNETT	

Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG P ROESLER, CHANG VANG	Project Name NORTH 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) 1.5	Estimated Area Sampled (m²) 1.5	Number of Samples in Composite 3	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 18.8	D.O. (mg/l) 9.4	D.O. (% sat.) 104	pH (su) 8.2	Conductivity (umhos/cm) 211	Transparency (cm) >120
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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 0.3	circle units m/s or f/s	Average Stream Depth of reach (m) 0.6	Average Stream Width of reach (m) 8
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 100 Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: _____ 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 (%)** 50