

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name <i>NF Trade River @ Range Line Rd DS</i>		Waterbody ID Code <i>2637400</i>		Sample ID (YYYYMMDD-CY-FD) <i>20200929-07-03</i>	
Sampling Location <i>R 15 m DS culvert</i>					
SWIMS Station ID <i>10054582</i>		SWIMS Station Name <i>NF Trade River at Range Line Rd DS</i>		Database Key <i>265721893</i>	
Latitude <i>45.72986</i>	Longitude <i>-92.65144</i>	Lat/Long Determination method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS NAD 27 or NAD83	
Basin (WMU) <i>St. Croix</i>		Watershed Name <i>Trade River</i>		County <i>Burnett</i>	
Sample and Site Descriptors					
Sample Collector (Last Name, First) <i>Cunningham, Joseph</i>			Project Name <i>TWA-Upper NF Trade River Watershed TWA 2020</i>		
Sampling Device					
<input checked="" type="checkbox"/> 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 checked="" type="checkbox"/> Riffle		<input 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) <i>1 min</i>	Estimated Area Sampled (m ²) <i>1 m²</i>	Number of Samples in Composite <i>3-20 sec Kicks</i>		Replicate No. <i>1</i> of <i>1</i>	
Reason for Sampling					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input checked="" type="checkbox"/> Other: <i>TWA</i>	
Water Temp. (C) <i>13.6</i>	D.O. (mg/l) <i>10.0</i>	D.O. (% sat.) <i>97.0</i>	pH (su) <i>6.9</i>	Conductivity (umhos/cm) <i>306</i>	Transparency (cm) <i>>120</i>
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)		
Measured Velocity circle units mps or cfs	Average Stream Depth of reach (m) <i>0.1</i>		Average Stream Width of reach (m) <i>1.0 m</i>		
Composition of Substrate Sampled (Percent):					
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball or basketball): <i>10</i>	Gravel (ladybug to tennisball.): <i>60</i>		
Sand: <i>20</i>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____		
Aquatic Macrophytes: _____	Leaf Snags: <i>10</i>	Course Woody Debris: _____	Other (_____): _____		
Embeddedness of Substrate at Sample Site (%) <i>20%</i>			Canopy Cover at Sample Site (%) <i>80%</i>		