

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

**Station Summary**

<b>Waterbody Name</b> Loon Creek		<b>Waterbody ID Code</b> 2670400	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20190904-07-03
<b>Sampling Location</b> US of Eagle Rd			<b>Database Key</b> 204308381
<b>SWIMS Station ID</b> 10052642	<b>SWIMS Station Name</b> LOON CREEK 330M DOWNSTREAM OF EAGLE LAKE RD		
<b>Latitude</b> 45.99105	<b>Longitude</b> -92.23737	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
<b>Basin (WMU)</b> ST. CROIX		<b>Watershed Name</b> LOWER YELLOW (BURNETT CO.) RIVER	<b>County</b> BURNETT

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> CRAIG P ROESLER, CHANG VANG	<b>Project Name</b> 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

<b>Total Sampling Time (min)</b> 2	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2	<b>Number of Samples in Composite</b> 3	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 19.9	<b>D.O. (mg/l)</b> 8.1	<b>D.O. (% sat.)</b> 91.3	<b>pH (su)</b> 7.6	<b>Conductivity (umhos/cm)</b> 121	<b>Transparency (cm)</b> >120
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)
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<b>Measured Velocity</b> 0.6	circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.6	<b>Average Stream Width of reach (m)</b> 8
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 90 Rubble (tennisball to basketball): 10 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 (%) 10