

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> EAST BRANCH HAY CREEK		<b>Waterbody ID Code</b> 2669800	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20181101-15-05
<b>Sampling Location</b> 50m vs Moose Rd			<b>Database Key</b> 168634594
<b>SWIMS Station ID</b> 10051148		<b>SWIMS Station Name</b> EAST BRANCH HAY CREEK AT MOOSE RD	
<b>Latitude</b> 46.28822	<b>Longitude</b> 92.28781	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> <del>WGS84</del> or NAD83
<b>Basin (WMU)</b> ST. CROIX		<b>Watershed Name</b> UPPER TAMARACK RIVER	<b>County</b> DOUGLAS

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> CRAIG ROESLER	<b>Project Name</b> NORTH DISTRICT NC STREAM STRATIFIED SITES 2018
<b>Sampling Device</b>	
<input checked="" type="checkbox"/> D-Frame Kick Net	<input type="checkbox"/> Surber Sampler
<input type="checkbox"/> Ponar	<input type="checkbox"/> Artificial Substrate
<input type="checkbox"/> Eckman	<input type="checkbox"/> Hess Sampler
<input type="checkbox"/> Other: _____	

**Habitat Sampled**

<input type="checkbox"/> Riffle	<input checked="" 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

<b>Total Sampling Time (min)</b> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.5	<b>Number of Samples in Composite</b> 3-20s k.2ks	<b>Replicate No.</b> 1 <b>of</b> 1
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**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 type="checkbox"/> Other: _____

<b>Water Temp. (C)</b> 5.0	<b>D.O. (mg/l)</b> 4.77	<b>D.O. (% sat.)</b> 96.6	<b>pH (su)</b> 7.58	<b>Conductivity (umhos/cm)</b> 25.6	<b>Transparency (cm)</b> 7120
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<b>Water Color</b>	<b>Estimated Stream Velocity (m/s)</b>
<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	<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)

<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b>	<b>Average Stream Width of reach (m)</b>
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**Composition of Substrate Sampled (Percent):**

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): 70
Sand: 20	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other ( ): _____

<b>Embeddedness of Substrate at Sample Site (%)</b> 20	<b>Canopy Cover at Sample Site (%)</b> _____
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