

Instructions: Bold fields must be completed.

**Station Summary**

Waterbody Name NORTH FORK CLAM RIVER		Waterbody ID Code 2656600	Sample ID (YYYYMMDD-CY-FD) 20181018-07-01
Sampling Location @ Sand Road x 40 m upstream			Database Key 168634566
SWIMS Station ID 10015236	SWIMS Station Name NORTH FORK CLAM RIVER AT SAND RD.		
Latitude 45.73962	Longitude -92.12573	Lat/Long Determination Method (circle) SWIMS SWDV <b>GPS</b>	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) ST. CROIX	Watershed Name NORTH FORK CLAM RIVER	County BURNETT	

**Sample and Site Descriptors**

Sample Collector (Last Name, First) CRAIG ROESLER	Project Name NOR LONG-TERM TREND WADEABLE REFERENCE STREAM
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**Sampling Device**

<input checked="" type="checkbox"/> D-Frame 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) 1 min	Estimated Area Sampled (m <sup>2</sup> ) 1 m <sup>2</sup>	Number of Samples in Composite 3-20 second Kicks	Replicate No. _____ of _____
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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 checked="" type="checkbox"/> Trend	<input type="checkbox"/> Other: _____

Water Temp. (C) 4.8	D.O. (mg/l) 12.6	D.O. (% sat.) 98.1	pH (su) 7.9	Conductivity (umhos/cm) 210	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 circle units m/s or f/s	Average Stream Depth of reach (m) 0.4	Average Stream Width of reach (m) 5.0 m
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**Composition of Substrate Sampled (Percent):**

Bedrock: _____	Boulders (basketball or larger): 10	Rubble (tennisball to basketball): 40	Gravel (ladybug to tennisball): 40
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 (%) 70%
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PULL THERMISTOR ~150 ft VS of bridge; left bank; under horizontal ash tree with cut off end; ~6 ft from bank