

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name NORTH FORK CLAM RIVER		Waterbody ID Code 2656600	Sample ID (YYYYMMDD-CY-FD) 20161013-07-04
Sampling Location 75m US of Sand Rd.		Database Key 134667355	
SWIMS Station ID 10031948		SWIMS Station Name NORTH FORK CLAM RIVER AT UPPER SAND RD CROSSING	
Latitude 45.73951	Longitude -92.12569	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 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 STREAMS
---	---

Sampling Device

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) 15	Estimated Area Sampled (m²) 15	Number of Samples in Composite 3	Replicate No. <u>1</u> of <u>1</u>
--	---	--	---

Reason For Sampling

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

Water Temp. (C) 8.6	D.O. (mg/l) 11.4	D.O. (%sat.)	pH (su) 8.2	Conductivity (umhos/cm) 239	Transparency (cm) >120
-------------------------------	----------------------------	---------------------	-----------------------	---------------------------------------	----------------------------------

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)
--	--

Measured Velocity 1.3	circle units m/s or <u>f/s</u>	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 9
---------------------------------	-----------------------------------	---	---

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 40
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 10 **Canopy Cover at Sample Site (%)** 15