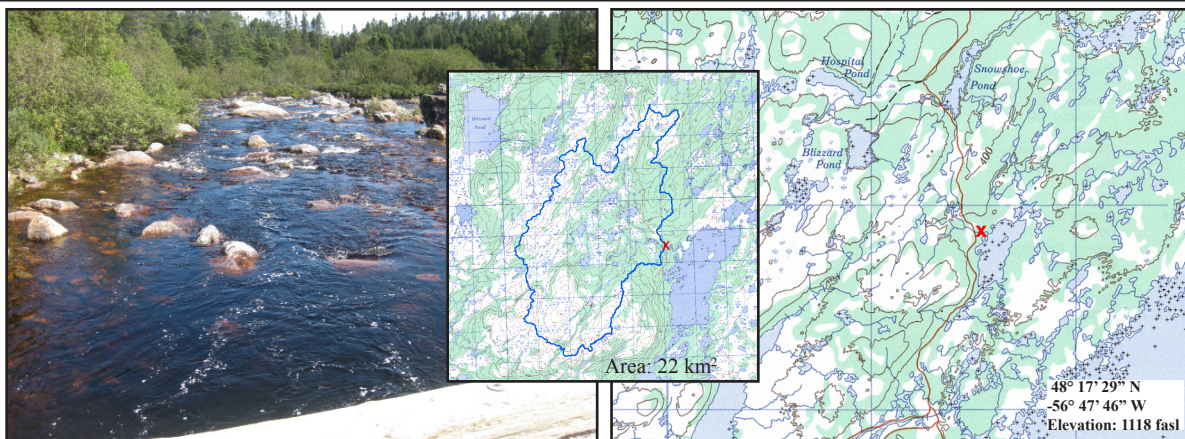


Tributary to Unnamed Pond West of Meelpaeg Lake

NF02ZD0010

CENTRAL



Site Description

Site Code	NF02ZD0010
Name	Trib. to Unnamed Pond West of Meelpaeg Lake
Date Sampled	Sept. 13, 2010
Ecoregion(s)	Maritime Barrens/Central Nfld
Stream Order	3
Basin	Jeddore Lake
Sampled By	NL/EC
Accessibility	Sampled 10m downstream of bridge on Granite Lake access road, 80 km from Millertown.

Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X	X	X	
Surrounding Vegetation (D=dominant)			
Ferns/Grasses	Shrubs	Deciduous Trees	Coniferous Trees
X	X (D)	X	X
Canopy Coverage		1-25 %	
Macrophyte Coverage		1-25 %	
Periphyton Coverage		<0.5 mm thick	

Channel Data

Bankful Width	15.5 m
Wetted Width	12.1 m
Avg. Velocity	0.55 m/s
Max. Velocity	0.7 m/s
Avg. Channel Depth	32.17 cm
Max. Channel Depth	60.00 cm
Bankfull-Wetted Depth	30 cm
Slope	0.026 m/m

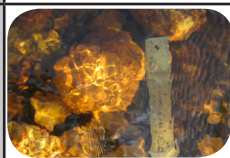
Water Chemistry

Parameter	Value	Units
pH	5.32	pH units
Conductivity	14.7	uS/cm
Dissolved Oxygen	10.24	mg/L
Temperature	11.42	°C
Turbidity	0.7	NTU
Copper	0.34	ug/L
Iron	0.47	mg/L
Lead	0.11	ug/L
Zinc	1.5	ug/L
Chloride	1.53	mg/L
Phosphorous (Total)	0.006	mg/L
Nitrate	<0.02	mg/L
Nickel	2.03	ug/L

Substrate

Dominant Substrate	small cobble
2nd Dominant Substrate	large cobble
Surrounding Material	large pebble
Embeddedness	unembedded
Median Particle Size	11.3 cm
Geometric Mean Particle Size	11.3 cm

Photo of Substrate



Substrate Size Class Categories: Organic cover; Sand/silt/clay (< 0.1 cm); Coarse sand (0.1 - 0.2 cm); Gravel (0.2 - 1.6 cm); Small pebble (1.6 - 3.2 cm); Large pebble (3.2 - 6.4 cm); Small cobble (6.4 - 12.8 cm); Large cobble (12.8 - 25.6 cm); Boulder (> 25.6 cm); Bedrock.