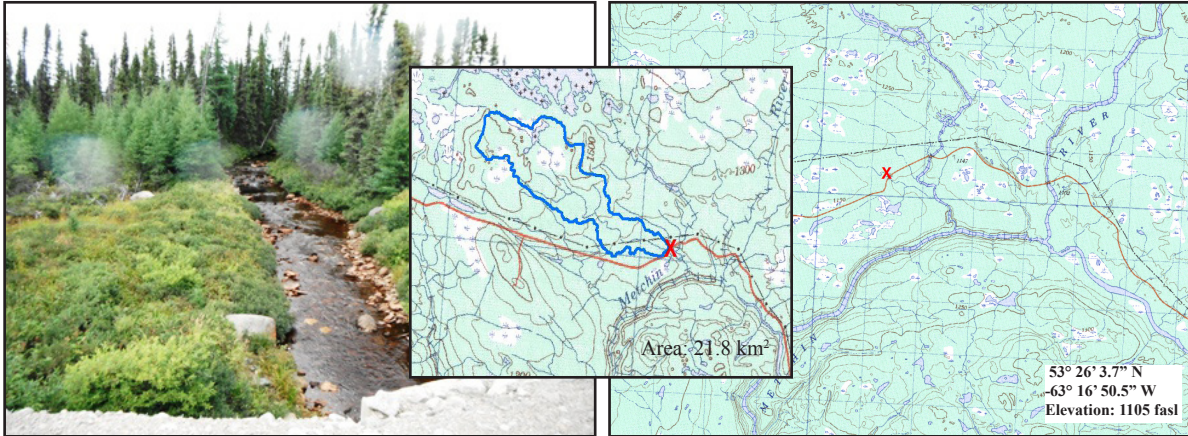


Mink Brook at TLH

NF03OD0014

LABRADOR



Site Description

Site Code	NF03OD0014
Name	Mink Brook
Date Sampled	Aug. 28, 2012
Ecoregion(s)	Mecatina River
Stream Order	4
Basin	Churchill River
Sampled By	NL
Accessibility	Sampled 10m upstream of culvert at Route 500 TLH, 3.2km west of East Metchin River

Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X		X	X
Surrounding Vegetation (D=dominant)			
Ferns/Grasses	Shrubs	Deciduous Trees	Coniferous Trees
X (D)	X		X
Canopy Coverage		0 %	
Macrophyte Coverage		0 %	
Periphyton Coverage		>20 mm thick	


Channel Data

Bankful Width	6.8 m
Wetted Width	4.8 m
Avg. Velocity	0.24 m/s
Max. Velocity	0.37 m/s
Avg. Channel Depth	16.25 cm
Max. Channel Depth	20.20 cm
Bankfull-Wetted Depth	60 cm
Slope	0.017 m/m

Water Chemistry

Parameter	Value	Units
pH	6.27	pH units
Conductivity	11.3	uS/cm
Dissolved Oxygen	9.1	mg/L
Temperature	15.99	°C
Turbidity	0.2	NTU
Copper	0.44	ug/L
Iron	0.93	mg/L
Lead	0.09	ug/L
Zinc	0.4	ug/L
Chloride	0.23	mg/L
Phosphorous (Total)	0.007	mg/L
Nitrate	<0.02	mg/L
Nickel	3.03	ug/L

Substrate

Dominant Substrate	large pebble
2nd Dominant Substrate	small cobble
Surrounding Material	small pebble
Embeddedness	unembedded
Median Particle Size	5.0 cm
Geometric Mean Particle Size	5.2 cm
Photo of Substrate	
<small>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.</small>	