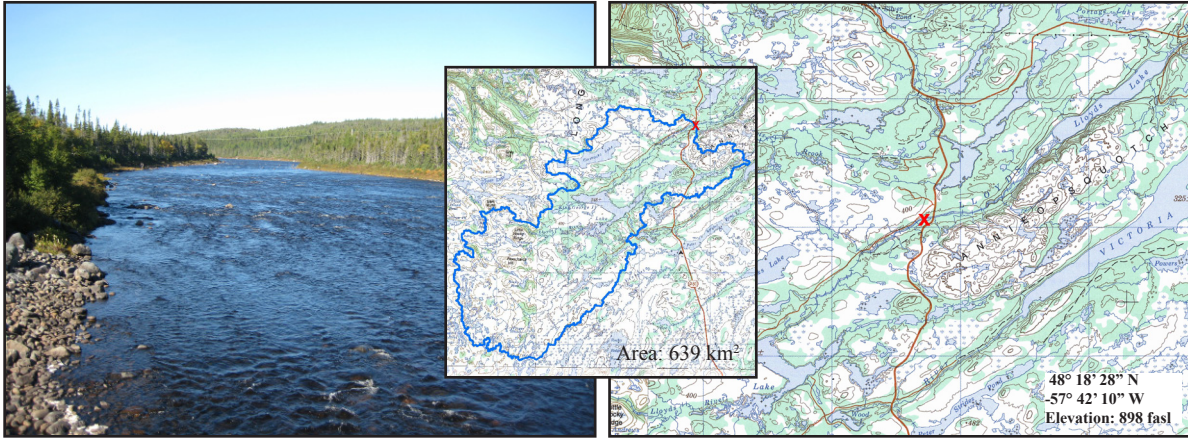


Lloyd's River at Route 480

NF02YN0001

WESTERN



Site Description

Site Code	NF02YN0001
Name	Lloyd's River
Date Sampled	Sept. 22, 2009
Ecoregion(s)	Long Range Mountains/Central Nfld
Stream Order	6
Basin	Lloyd's River/Exploits River
Sampled By	NL
Accessibility	Sampled 100m upstream of bridge on Route 480

Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X			
Surrounding Vegetation (D=dominant)			
Ferns/Grasses	Shrubs	Deciduous Trees	Coniferous Trees
X	X (D)	X	X
Canopy Coverage		0 %	
Macrophyte Coverage		1-25 %	
Periphyton Coverage		5-20 mm thick	


Channel Data

Bankful Width	70.2 m
Wetted Width	55.0 m
Avg. Velocity	0.60 m/s
Max. Velocity	0.76 m/s
Avg. Channel Depth	57.5 cm
Max. Channel Depth	70 cm
Bankfull-Wetted Depth	180 cm
Slope	0 m/m

Water Chemistry

Parameter	Value	Units
pH	7.24	pH units
Conductivity	30.6	uS/cm
Dissolved Oxygen	10.48	mg/L
Temperature	11.9	°C
Turbidity	0	NTU
Copper	0.2	ug/L
Iron	0.15	mg/L
Lead	<0.1	ug/L
Zinc	0.4	ug/L
Chloride	3.39	mg/L
Phosphorous (Total)	0.004	mg/L
Nitrate	<0.02	mg/L
Nickel	<0.1	ug/L

Substrate

Dominant Substrate	large cobble
2nd Dominant Substrate	small cobble
Surrounding Material	gravel
Embeddedness	1/4 embedded
Median Particle Size	22.0 cm
Geometric Mean Particle Size	16.3 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>	