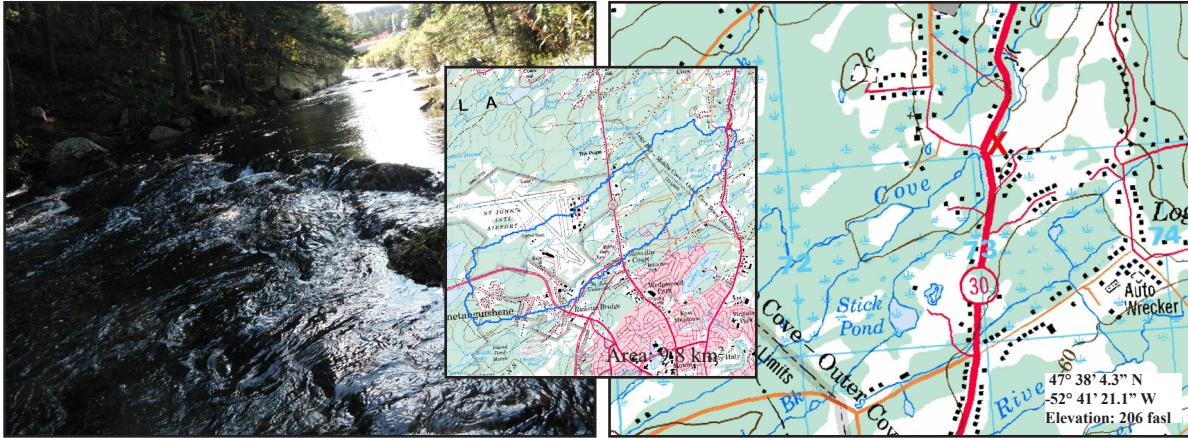


Outer Cove Brook at Savage Creek

NF02ZM0363

EASTERN



Site Description

Site Code	NF02ZM0363
Name	Outer Cove Brook
Date Sampled	Oct. 3, 2013
Ecoregion(s)	Maritime Barrens
Stream Order	2
Basin	Outer Cove Brook
Sampled By	NL
Accessibility	Sampled d/s of bridge, 20 m past intersection of Outer Cove /Lower Rds. Access via Lower Rd.

Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X	X	X	X
Surrounding Vegetation (D=dominant)			
Ferns/ Grasses	Shrubs	Deciduous Trees	Coniferous Trees
X	X	X	X(D)
Canopy Coverage		51-75 %	
Macrophyte Coverage		1-25 %	
Periphyton Coverage		5-20 mm thick	


Channel Data

Bankful Width	11.6 m
Wetted Width	8.5 m
Avg. Velocity	0.16 m/s
Max. Velocity	0.24 m/s
Avg. Channel Depth	20.3 cm
Max. Channel Depth	32.0 cm
Bankfull-Wetted Depth	60 cm
Slope	0.009 m/m

Water Chemistry

Parameter	Value	Units
pH	6.96	pH units
Conductivity	265.5	uS/cm
Dissolved Oxygen	9.77	mg/L
Temperature	14.5	°C
Turbidity	1.49	NTU
Copper	1.26	ug/L
Iron	0.33	mg/L
Lead	0.09	ug/L
Zinc	5.77	ug/L
Chloride	62.33	mg/L
Phosphorous (Total)	0.010	mg/L
Nitrate	2.21	mg/L
Nickel	0.49	ug/L

Substrate

Dominant Substrate	large pebble
2nd Dominant Substrate	small cobble
Surrounding Material	small pebble
Embeddedness	unembedded
Median Particle Size	6.0 cm
Geometric Mean Particle Size	6.5 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>	