

Pouch Cove Brook near Pouch Cove

NF02ZM0361

EASTERN



Site Description

Site Code	NF02ZM0361
Name	Pouch Cove Brook
Date Sampled	Sept. 2, 2010
Ecoregion(s)	Maritime Barrens
Stream Order	3
Basin	Pouch Cove Brook
Sampled By	NL
Accessibility	Accessed via wood cutting trail, sampled upstream of pedestrian bridge.

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		1-25 %	
Macrophyte Coverage		0 %	
Periphyton Coverage		1-5 mm thick	

Channel Data

Bankful Width	7.4 m
Wetted Width	5.1 m
Avg. Velocity	0.16 m/s
Max. Velocity	0.24 m/s
Avg. Channel Depth	12.62 cm
Max. Channel Depth	14.50 cm
Bankfull-Wetted Depth	45 cm
Slope	0.12 m/m

Water Chemistry

Parameter	Value	Units
pH	7.1	pH units
Conductivity	66.8	uS/cm
Dissolved Oxygen	9.25	mg/L
Temperature	16.94	°C
Turbidity	0.7	NTU
Copper	0.44	ug/L
Iron	0.63	mg/L
Lead	0.14	ug/L
Zinc	2.6	ug/L
Chloride	10.52	mg/L
Phosphorous (Total)	0.012	mg/L
Nitrate	<0.02	mg/L
Nickel	3.8	ug/L

Substrate

Dominant Substrate	small cobble
2nd Dominant Substrate	large pebble
Surrounding Material	large pebble
Embeddedness	unembedded
Median Particle Size	6.90 cm
Geometric Mean Particle Size	6.90 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.	