

Little Goose Pond Brook

NF02ZG1350

Ecoregion: South Avalon-Burin Oceanic Barren

Site Description

Reach Characteristics

Eco-zone:	KYW Basin Name:	Date:	Riffle in Reach	Rapid in Reach	Straight Run in Reach	Pool in Reach
Boreal Shield	Southwestern Placentia Bay	9/10/2025	Yes	No	No	Yes

Channel Data

Bank Full Width (m)	Wetted Width (m)	Avg Velocity (m/s)	Max Velocity	Avg Channel Depth (cm)	Max Channel Depth (cm)	Bankfull-Wetted Depth (cm)	Slope (m/m)
3.8	3.6	0.243333	0.3	11	13	25	0.1279

Water Chemistry

pH	Specific Conductance (µS/cm)	Bottom Dissolved Oxygen (mg/L)	Temperature (°C)	Turbidity (NTU)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Zinc (mg/L)
6.7	47.1	9.79	17.874	0.5	0.00022	0.34	0.00024	0.00173
Dissolved Chloride (mg/L)		Total Phosphorus (Water) (mg/L)	Nitrate (mg/L)	Nickel (mg/L)				
9.3		0.002	0.03	0.000083				

Substrate

Dominant Substrate	2nd Dominant Substrate	Surrounding Material	Embeddedness	Median Particle Size (cm)	Geometric Mean Particle Size (cm)
6.4-12.8 cm	3.2-6.4 cm	1.6-3.2 cm	Unembedded	6	6.1

Surrounding Vegetation

Presence of Grasses	Presence of Shrubs	Presence of Deciduous Trees	Presence of Coniferous Trees	Dominant Streamside Vegetation
Yes	Yes	Yes	Yes	ferns/grasses
% Canopy Coverage	Periphyton Coverage			
0%	5-20mm thick			

