

WATER FLOW CALCULATION FORM

(If calculating water flow during another sampling exercise, attach this form to the corresponding site/methodology form)

Date (yyyy-mm-dd): _____

Associated Data Collection Activity:

☐ Electrofishing

Water Name: _____

☐ Stream Habitat Survey

Site ID#: _____

☐ Habitat Enhancement / Restoration

Site Name: _____

☐ Other (specify): _____

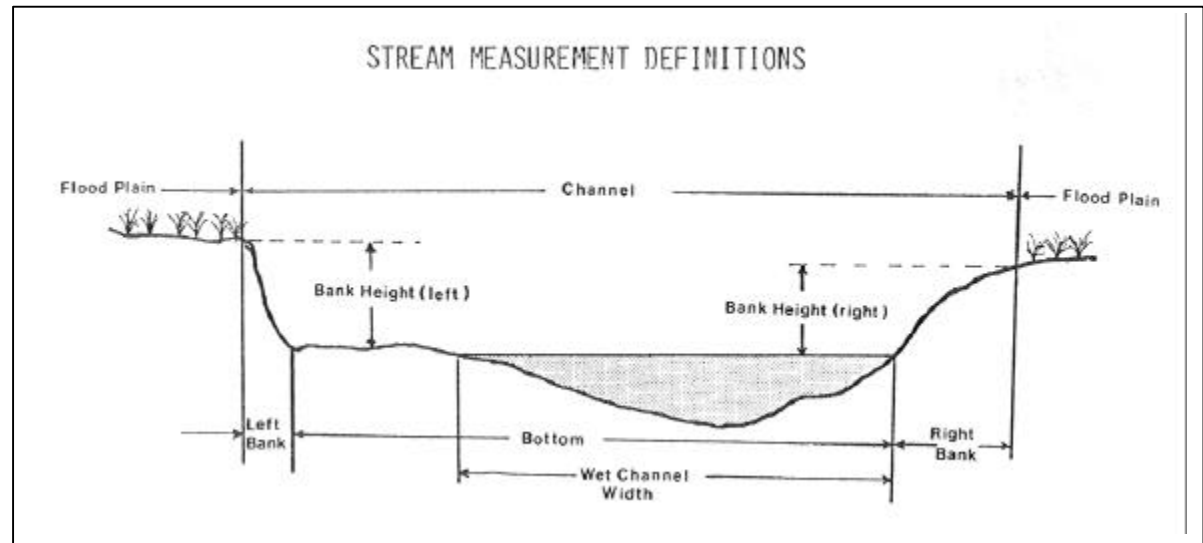
Wet Width (m)	Depth (m)			Average Depth (m) <i>sum/4</i>	Coefficient (0.9=smooth) (0.8=rough)	Float Length (3m)	Float Time (sec)			
	¼ way	½ way	¾ way				¼ way	½ way	¾ way	Average
W				D	A	L				T

$$\text{Water Flow} = \frac{W \times D \times A \times L}{T}$$

$$= \text{_____ m}^3/\text{sec}$$

$$\text{Water Velocity} = \frac{L}{T}$$

$$= \text{_____ m/sec}$$



Water Flow Calculation Form – July 2002

NB Aquatic Resources Data Warehouse / NB Department of Natural Resources and Energy / NB Wildlife Council