

# Discharge or Stream Flow Protocol

1. This measurement should only be done if your site is safely wadable from bank to bank.



2. A 20 ft length should be measured on the stream, marking the upstream and downstream ends of the measured length.

3. At the upstream beginning of the 20 ft length measure the width of the stream and record on data sheet (using feet not meters).

4. Using your yard stick, measure the depth (in inches) of the stream at four intervals across the stream (including "0" at the shoreline). Repeat steps 3 & 4 at the downstream end of the measured 20 ft.



5. Using a watch or stopwatch, measure the time it takes a float to travel the distance between the upstream and downstream points of the 20 ft length. Repeat this measurement three times.

