Flow Datasheet

<table>
<thead>
<tr>
<th>Distance on tape measure (feet &amp; tenths)</th>
<th>Water's Depth</th>
<th>Velocity (ft/sec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edge of Water:</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**REMINDERS**

1. "Edge of water" is where the water meets the bank. Record distance of both edges. The first flow reading location should be the first location where the sensor is able to be fully submerged (depth > 0.2”).

2. Please read the tape from low numbers to high numbers.

3. Shorten the distance between readings if the water level changes and the sensor would be out of the water at the location for measurement.

4. Start each flow reading by pressing the ON key.

5. The readings must be in ft/sec (if the meter is not in ft/sec, press On&Off keys simultaneously to change).

6. The meter must be set on FPA (if it’s not, press both ARROW keys simultaneously to change).

7. The rod needs to be set for each depth.

8. When taking a measurement, the person holding the rod must be arms length away, holding the rod vertical, with the sensor pointing into the flow.

9. At least 10 flow readings must be recorded when taking flow at a tributary site. At least 15-20 flow readings must be recorded when taking flow at a Huron River site.

**QUESTIONS (circle your answer):**

1. Bank at which you began measurements, looking DOWNSTREAM: **Left**  **Right**

2. Has it rained in the past 3 days? **Yes**  **No**

3. Over how many seconds is the meter averaging readings? 10  15 (Use 10 ONLY during rapid level change; press arrow keys to change).

**Gauge Reading at Start:**

Time: _______  Height: _______

**Gauge Reading at Finish:**

CIRCLE: same or higher or lower

Time: _______  Height: _______

In boxes and picture below, write numbers and draw water level you see on the staff gauge. Draw two lines if gauge changed while you were measuring flow, indicating start and finish levels:

**Waterproof Paper - If this sheet is white!**