Flow Datasheet

Site Number: ________________ **On Creek:** ______________ **Team Members:** ______________________________________

Date: _______________ **Recorder's Name:**__________________________

Distance on tape measure (feet & tenths)	Water's **Depth**	**Velocity** (ft/sec) *(negative is ok)*
Edge of Water:	**0**	**0**
Edge of Water:	**0**	**0**

***Gauge Reading at Start:**

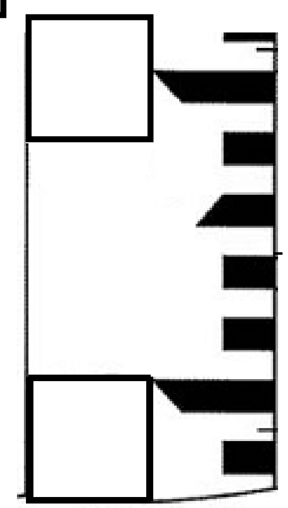
Time:_______ Height:_______

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:

__.0

First whole number above the water (1.0, 2.0, etc.).

First digit above the water.



***Gauge Reading at Finish:**

CIRCLE: *same* or *higher* or *lower*

Time:________ Height:_________

REMINDERS

1. Start each flow reading by pressing the ON key.
2. "Edge of water" is where the water meets the bank. First flow reading location may be at a different distance location, depending on where the sensor is able to be submerged.
3. Shorten the distance between readings when the depth changes.
4. Please read the tape from <u>low</u> numbers to <u>high</u> numbers.
5. At least 10 flow readings must be recorded.

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).

4. Are the readings in ft/sec? **Yes** **No**
(if no, press On&Off keys simultaneously to change)

5. Is the meter set on FPA? **Yes** **No** (If no, press both ARROW keys simultaneously to change)

6. Was the rod set for each depth?**Yes** **No**

7. How close was the rod from the person in the stream?________

8. Was the rod vertical, with the sensor pointing into the flow? **Yes** **No**

Waterproof Paper - If this sheet is white!