

Bernoulli's Equation

Source: <http://sci.tech-archive.net/Archive/sci.physics/2008-04/msg02458.html>

- *From:* Adam Gray <adam@xxxxxxxxxxxxxx>
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I have a question regarding certain situations involving Bernoulli's equation.

An example situation is given at the following link:
<http://answerboard.cramster.com/-topic-5-86792-0.aspx>

My question is, why is v_1 assumed to be zero? (in the solution at the bottom of the page).

I would take v_1 to be the velocity of water in the pipe at water level, and v_2 is the velocity of water at the end of the pipe.

Then, due to the equation of continuity for fluids (Av is constant), the v_1 and v_2 should be equal?

I look forward to your advice,
Adam

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