

**CE3105 Mechanics of Fluids Laboratory, Texas Tech University**  
**Experiment: Friction Loss in a Pipe - Data Sheet**

**Date** \_\_\_\_\_

TEAM NAME \_\_\_\_\_ Team Member \_\_\_\_\_

**Experimental Data:**

Temperature of water,  $T =$  \_\_\_\_\_ °celsius, Water density,  $\rho =$  (\_\_\_\_\_ slugs/ft<sup>3</sup>), Gravity,  $g = 32.2$  (ft/s<sup>2</sup>)

**Lower Flow Rates:**

Volume	Time	Flow Rate, Q	Flow Velocity, u	$h_1$	$h_2$	$\Delta h$	i	log i	log u	Re	f

**Higher Flow Rates:**

Volume	Time	Flow Rate, Q	Flow Velocity, u	$\Delta h$	i	log i	log u	Re	f

**Instructor's Signature** \_\_\_\_\_