

CE3105 Mechanics of Fluids Laboratory
Department of Civil Engineering
Texas Tech University

Experiment: Pipework Energy Losses - Data Sheet
 Date of Experiment:, Name:.....

Experimental Data:

Temperature of water, $T = 20$ °celsius

Water density, $\rho =$ (lb/ft³)

Gravity, $g = 32.2$ (ft/s²)

Volume of Water (L)	Time (s)	Flow Rate	Tube Height (mm)									
			1	2	3	4	5	6	7	8	9	10
1.77	5.16		420	340	310	262	258	270	224	220	200	
1.64	5.4		440	370	340	298	295	305	265	262	242	
1.48	4.85		450	385	355	318	312	324	285	282	266	
1.34	5.04		478	428	406	380	376	382	356	354	340	
1.09	5.12		493	465	450	432	430	432	418	417	408	

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Instructor's Signature