

Figure 1

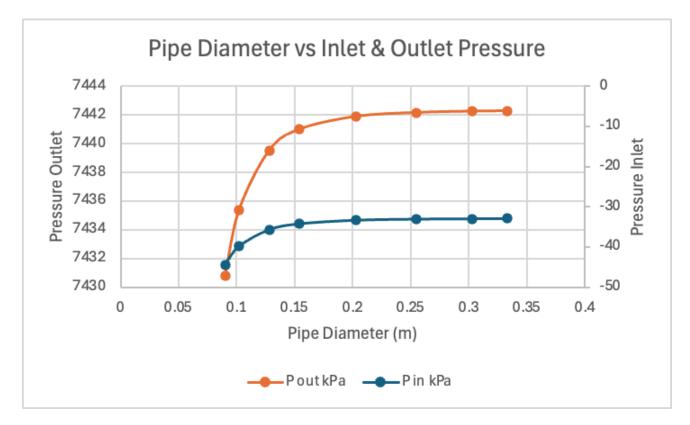


Figure 2

	MooPaul
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19	
15	lb
5	$P_{\text{inter}} = -8b$ L=11Ft Lp = 2,500Ft Water A-c $P_{\text{inter}} = 62.4$ Ft3
B	$A - c = 3.3528 m = 762 m = 360F$ $P = -(62.4 \frac{19}{0.8})(11 \text{ ft}) = -686.4 \frac{40}{0.4}$
9	$P = -(62.4 \frac{10}{612})(115+) = -685.4 \frac{10}{612}$
4	A-2 (
9	P Thank the Marcolled - the lib
-	$P_{\text{outlet}} = (62.4 \text{ ftz})(2500\text{ ft}) = 156,000 \text{ ftz}$
9	
8	$\frac{P_{\mu}}{X} + \frac{V_{\mu}}{2g} + \frac{Z_{\mu}}{X} = \left(\frac{P_{e}}{Y}\right) + \frac{V_{e}}{2g} + \frac{V_{e}}{X} + \frac{V_{e}}{A} + \frac{V_{e}}{A}$
5	1 43
-	$\frac{P_c}{X} = \begin{bmatrix} -\frac{V_c}{2\alpha} & -\frac{1}{2\alpha} \end{bmatrix} X$
	$P_{c} = \left[ \frac{-(3\frac{m}{s})^{2}}{2(9.81\frac{m}{s})} - 3.3528  \text{m} \right] \left( 9.81\frac{\text{kN}}{\text{m}^{3}} \right) = -31.39\frac{\text{kN}}{\text{m}^{2}}$
$\begin{array}{c} 0, 1D135\\ \hline 0, 1D135\\ \hline 0, 2017\\ \hline \\ 0, 2017\\ \hline \\ 0, 2017\\ \hline \\ A_{1} = 1\\ \hline \\ A_{2} = 1\\ \hline \\ A_{1} = 1\\ \hline \\ A_{2} = 1\\ \hline \\ A_{3} = 1\\ \hline \\ A_{4} = 1\\ \hline \\ A_{5} = 1\\ $	(mot) 37
-	$P = P_{m} + DgH = (-31.39 \frac{EN}{m^{2}}) + (1000 \frac{ET}{m^{3}})(9.81 \frac{m}{s^{2}})(762m)$
	(outil)
	$= 7475188.8 = 7,475.2 \text{ m}^2$
	$\left(b\right) \frac{D}{d} = 0.5$
2)	$\Delta P_{1053} = (1 - C^2) \Delta P_{total} \qquad V_1 = C \frac{29(P_1 - P_2)}{8}$
0.10135	0.5 /AIX-1
	$\chi\left(\frac{V_{1}}{C}\right)^{2}\left(\frac{A_{1}}{A_{2}}\right)^{2}-1=\Delta P^{2}\left(\frac{A_{1}}{A_{2}}\right)^{2}-1$
	$\frac{29}{102} = \frac{(9.81 \frac{\text{EN}}{\text{ps}^{-2}})(\frac{2.97 \frac{\text{eV}}{\text{s}}^{2}}{(0.991)})(\frac{0.03217 \text{m}^{2}}{(0.00803 \text{m}^{2})} - 1]$
0.20U#	
	(artoia) 2(9.8) (T)
A. = -	$\frac{1}{(0.10135)^2} \qquad \Delta P_{\text{total}} = (07.32 \text{ m}^2 = (07.32 \text{ kPa} + \frac{1}{32 \text{ kPa}})$
=	$0.00007m^2$ $AP_{1} = (1 - (0.991)^2)(67.324P_{R})$
$\Lambda = \overline{\Pi}$	$(0.2027)^2$ $\Delta P_{100} = 1.21$ $4P_{ac} \in additional$
	DVL/RU IAU
0	
	Q = A · V V = $\frac{Q}{A_1}$ m <sup>3</sup> C = 0.9975 - (e.53) $\sqrt{\frac{0.5}{528,547}}$
1. 1. 1.	$V = \frac{Q}{A_1}$ $M^3$ $C = 0.9975 - (0.53) \frac{0.5}{528,547}$
	$V = \frac{0.0959}{5} = 2.975$ C= 0.991
0	0.03227 m <sup>2</sup>
11. 19. 19.	
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b)