

Wk 10 (copy 2)

GP

Fall 2010 CM3215 Michigan Tech University, Dr. F. Morrison

section	lab station	Pumping Head (ft) as a function of Q(gpm)	Initials
9-A	1	$H(f+)= -2.2858Q^2 + 1.8172Q + 82.669$	
9-A	2	$-2.0099Q^2 - 0.0275Q + 76.286$	RF (FAM)
9-A	3		
9-A	4	$H = -1.6267Q^2 - .4577Q + 75.412$	
9-A	5		
9-A	6	$H(f+)= -2.248^2(Q, gpm)^2 + 1.3908(Q, gpm) + 76.03$	SB
9-A	7	$H(f+)= -2.334Q^2 - 1.8123Q + 78.662$	SW
9-A	8 af	$H_p(f+)= \frac{-1.6 f+}{gpm^2} \cdot Q^2 - \frac{1.1 f+}{gpm} \cdot Q + 79 f+$	zk
9-A	9		
9-A	10		

section	lab station	Pumping Head (ft) as a function of Q(gpm)	Initials
9-B	1		
9-B	2		
9-B	3		
9-B	4	$H_p (ft) = -1.834(Q(gpm))^2 - 0.4936Q(gpm) + 76.16$	HS
9-B	5	$Head (ft) = -1.8376(Q(gpm))^2 - 0.171Q + 75.905$	
9-B	6		
9-B	7		
9-B	8	$H_p (ft) = -1.6 \frac{ft}{gpm^2} Q^2 - 1.1 \frac{ft}{gpm} Q + 79 ft$	
9-B	9		
9-B	10		

section	lab station	Pumping Head (ft) as a function of Q(gpm)	Initials
1-A	1	$H_p(ft) = -1.8742Q^2(gpm) - 0.1743Q(gpm) + 73.856$	PD
1-A	2	$H_p(ft) = -1.72Q^2 - .338Q + 82.597$	BA
1-A	3	$H_p(ft) = -2.0529(Q, gpm)^2 + 0.6571(Q) + 72.156$	
1-A	4	$H(ft) = -1.6711 \cdot Q(gpm)^2 - 0.918 \cdot Q(gpm) + 75.698$	KAZ
1-A	5	$H_p(ft) = -1.9859Q^2 + .5022Q + 75.653$	AB
1-A	6	$H(ft) = -1.9298Q^2 + -0.2173Q + 77.081$	LB
1-A	7		
1-A	8	$-1.7354[Q(gpm)]^2 - 0.5067[Q(gpm)] + 79.441$	ARTH
1-A	9		
1-A	10		

section	lab station	Pumping Head (ft) as a function of Q(gpm)	Initials
1-B	1	$H(ft) = -1.78 \cdot Q^2(gpm)^2 - 1.22 \cdot Q(gpm) + 76.5$	Jmw
1-B	2	$H(ft) = -2.0006 \cdot Q^2(gpm)^2 + 0.1192 \cdot Q(gpm) + 76.807$	MAC
1-B	3	$H(ft) = -1.7426 \cdot Q(gpm)^2 - .7575 \cdot Q(gpm) + 81.979$	MHK
1-B	4	$H(ft) = -2.12 \cdot Q^2(gpm)^2 + 1.68 \cdot Q(gpm) + 70.3$	CP
1-B	5	$H(ft) = -2.93 \cdot Q^2(gal/min)^2 + 5.60 \cdot Q(gal/min) + 68.0$	NW
1-B	6	$H(ft) = -2.0093 \cdot Q^2(gpm) - 0.0031 \cdot Q(gpm) + 74.068$	
1-B	7	<i>partner went section A - other = no show</i>	
1-B	8	$H(ft) = -1.51 \cdot Q^2(gpm) - 1.59 \cdot Q(gpm) + 79.3$	LG
1-B	9		
1-B	10		

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section	lab station	Pumping Head (ft) as a function of Q(gpm)	Initials
3-A	1	$H(ft) = -2,853Q^2 - 0.551Q + 78.538$	CK
3-A	2	$H(ft) = -2.13Q^2 + 0.221Q + 75.5$	BB
3-A	3	$H(ft) = -2.094Q(gpm)^2 + 0.2358Q(gpm) + 82.17$	JN
3-A	4	$H = -2.2306Q^2 + 1.1814Q + 70.446$	UA
3-A	5	$H(ft) = -1.8366 \cdot Q^2 - 0.0513 \cdot Q + 76.58$	MK
3-A	6		
3-A	7		
3-A	8		
3-A	9		
3-A	10		

#2
CM3215
LABORATORY
DR. FAITH MORRISON
2009-

Composition Book

