29 MAR 2010 FAM SPRING CM3215

Lossy Pump Curves
Characteristic Curves

Section/ Station	H_{pump} (ft) as a function of capacity Q (gpm)	Initials
C01-2	$y = -2.0782x^2 - 0.0211x + 74.979$	JH
C01-4	$y = -4.611x^2 + 1.017x + 72.206$	ZB
C01-6	$H(ft) = -3.5093\,Q(gpm)^2 - 0.8015\,Q(gpm) + 77.783$	JG AP
C01-8	$-1.5759x^2 - 0.9313x + 75.205$	TK
C02-1	Head (ft) $= -3.7515 \cdot \text{flow(gpm)}^2 - 2.8326 \cdot \text{flow(gpm)} + 75.235$	NWB
C02-2	Head (ft) $= -3.7067Q^2 - 3.4532Q + 78.303$	A
C02-4		
C02-6	$\text{Head(ft)} = -2.3265(Q_{gpm})^2 + 0.7592(Q_{gpm}) + 77.319$	MAB
C02-8	$H_{pump(ft)} = -3.9277(Q_{gpm})^2 - 2.3947(Q_{gpm}) + 80.168$	ASW

C01

C02

CM3215 Student Data from Spring 2010

As archived in Faith Morrison's CM3215 lab notebook

Volume 1, pages as indicated