

(FLOW THROUGH 1/2" LINE)

Pumping Head CM3215 Fall 2013			
Station	Names	Head (ft) versus Q (gpm)	Time/ Section
1	Peter Jurka Jacqueline Harms	$H_{\text{loss}}(ft) = -1.7(Q(\text{gpm}))^2 + 1.1(Q(\text{gpm})) + 79$	9A
2	Zane Kleesing Cameron Hempel	$H_{\text{sys}} = -0.127Q_{\text{gpm}}^2 - 0.3251Q + 11.133$	9A
3	Dylan Kloos Shawn Shore		9A
4	Michael Grillo Jonathan Iafrate	$H = -1.0658(Q)^2 - 3.9087Q + 81.08$	9A
5	Tyler Jensen Thomas Weston	$H(\text{ft}) = -0.0526Q^2 - 0.0287Q + 8.2249$	9A
6	Benjamin Veenstra Evan Yuhaler	$H = -11.149Q + 84.524$	9A
7	Eric Pearson Johnathan Wenzel	$H = -1.3481Q^2 - 5.3Q + 85.989$	9A
8	James Kenney Alex Powell	$H_{\text{pump}}(\text{ft}) = -1.3481Q^2 - 5.3854Q + 85.989$	9A
9	MADISON MEHLHOSE DAVID HUTCHISON	$H(\text{ft}) = -0.7075Q^2 - 8.1907Q + 84.875$	9A
10	_____	_____	9A

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Station	Names	Head (ft) versus Q (gpm)	Time/ Section
1	Robert LeBrew Adam Calverly	$H = -1.8Q^2 - 1.3Q + 74.8$	9B
2	Mike Szathowski Brittany Frost	$H_p = -0.7256Q^2 - 5.4155Q + 82,482$	9B
3	Ryan Patrick Erik Leslie	$H_p = -2.034Q^2 - .045Q + 76.34$	9B
4	Zach Peterson Erik Leslie	$H_p = -2.1721Q^2 - .0302Q + 76.087$	9B
5	Austin VanSteenburgh John Keefe	$H_p = -2.3003x^2 + .9862x + 76.177$	9B
6	Nathan LaBarge Eric Simon	$H = -2.2141(\text{Gpm})^2 + 1.2794(\text{Gpm}) + 74.934$	9B
7	Megan Williams Joshua Shumaker	$H = -2.1211Q^2 + 0.8019Q + 76.203$	9B
8	Melissa VanLaanen Nolan Seelye	$H = -1.4498Q^2 - 2.87Q + 63.79$	9B
9	Joe Smith Tyler Blowers	$H = -1.7967Q^2 - 2.3104Q + 79.453$	9B
10	Noelle Savage Dylaina Fiebing	$H_p = -2.2592Q^2 - 1.9769Q + 80.036$	9B

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1			1A
2	Elizabeth Vaught Tyler Middlebrook	$H_p = -1.8766Q^2 - 1.4957Q + 74.481$	1A
3	Julie LaFord Kyle Bronner	$H = -1.86 Q^2 - 0.107Q + 76.44$	1A
4	Cassie Robert Rachel Belong	$H_p = ,2135 Q^3 - 3.61a1Q^2 + 4.9349 Q + 75.659$	1A
5	Weston Hood Cohn Hoekje	$H = -2,1123Q^2 + 1,1194Q + 75.881$	1A
6	Nathan Gankhs Ted Kruse	$H_p = -0.0379Q^2 - 0.0075Q + 7.7584$	1A
7	Casuy Beirne Peter Gardner	$H_p(ft) = 1.697 Q^2(gpm) - 0.9213(gpm) + 78.394$	1A
8	Julie Tomasi Zach Demro	$H_p = -1.8409Q^2 - 0.441Q + 79.223$	1A
9	will Goeman		1A
10	Lindsey Thiel Drew Payton	$H_p(ft) = -2.6497Q^2 + 1.8478Q + 76.01$	1A

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Station	Names	Head (ft) versus Q (gpm)	Time/ Section
1			1B
2	Michael Faucett	$y = 0.8359x^2 - 4.8823x + 78.605$	1B
3	Eliot Nagler Daniel LaForest	$H = -1.77 Q^2 - .453Q + 73.46$	1B
4	Luke Zoromski Nathan LaJoye	$H = -2.497 Q^2 + 3.521 Q + 76.95$	1B
5	Ben Clossel Victor Clarembaux	$H = -2.0785(GPM)^2 + .2893(GPM) + 75.536$	1B
6	Victor Clarembaux Christine Scharphorn	$H = -2.1672 Q^2 + 0.5751 Q + 78.083$	1B
7	Michael D'Angelo Justin Levande	$H = -1.7163 Q^2 - 0.4829 Q + 77.09$	1B
8	Rebecca Witek Ryan McInnis Olivia Mundz	$H = -1.0862(GPM)^2 - 5.4293(GPM) + 69.213$	1B
9	Aaron Steeg Ryan McInnis	$H = -1.0821(GPM)^2 - 5.4293(GPM) + 69.213$	1B
10	Ryan Carli Hannah Schnack	$H = -2.2 Q^2 - 0.18 Q + 76.4$	1B

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Station	Names	Head (ft) versus Q (gpm)	Time/ Section
1			3A
2	Courtney Castelic	$y = -1.717x^2 - 1.1749x + 71.883$ $y = \text{Head} \quad x = Q$	3A
★ 10	Matthew Coef Henri Falck	$H(ft) = -2.2259(Q)^2 - 0.0608(Q) + 78.014$	3A
4	Christian Dale	$y = -1.8783x^2 + 0.7918x + 76.928$ $y = \text{Head} \quad x = Q$	3A
★ 6	Andrew Gorectke Jesse Johnson	$H(ft) = -1.81Q^2 - 0.46Q + 78.1$ $Q \text{ is in gpm}$	3A
6			3A
7			3A
8			3A
9			3A
10			3A