

### Lossy Pump Characteristic Curves CM3215 - Fall 2011

Station	Names	Head (ft) vs Capacity (GPM)	Time/ Section
<b>1</b>	Amre Zahid Jeff Graves	$H = -3.3634(Q)^2 - 4.881(Q) + 82.78$	<b>9A</b>
<b>2</b>	Chris Shockness Caroline Munkelbge	$H = -1.9268(Q)^2 - .2011(Q) + 79.05$	<b>9A</b>
<b>3</b>	Cory Schaefer Conner Gregg	$H = -1.8346(Q)^2 - .6111(Q) + 75.937$	<b>9A</b>
<b>4</b>	Stephanie Stevens Scott Keppelman	$H = -1.731(Q)^2 - .9036(Q) + 76.633$	<b>9A</b>
<b>5</b>	Jeff Kellogg Lang Zhang	$H = -1.1281(Q)^2 + .458(Q) + 75.743$	<b>9A</b>
<b>6</b>	Brian Ricchi	$H = -.8992(Q)^2 - .2092(Q) + 78.314$	<b>9A</b>
<b>7</b>	Brian Kaufman Neeraj Chauhan	$H = -2.1709(Q)^2 - .6655(Q) + 76.779$	<b>9A</b>
<b>8</b>	Katrina Swanson Nicolas Pope	$H = -1.4541(Q)^2 - .036(Q) + 61.759$	<b>9A</b>
<b>9</b>	Greg Hyrkas Timothy Rossetto	$H = -1.558(Q)^2 - 2.6888(Q) + 79.952$	<b>9A</b>
<b>10</b>	Amber Johnson Kyle Lepedak	$H = -3.377(Q) + 28.11$	<b>9A</b>

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<b>1</b>	Peter Heinonen Ben Merkel	$H = -3.4469(Q)^2 - 3.0402(Q) + 86.278$	<b>9B</b>
<b>2</b>	Paul Haganone Michelle Chicci	$H = -2.0619(Q)^2 - .1152(Q) + 77.631$	<b>9B</b>
<b>3</b>	Zachary Tanghetti - Abrams Alexander Hegner	$H = 7.6806(Q)^2 - 1.1754(Q) + 80.586$	<b>9B</b>
<b>4</b>	Henry Eckert Alexander Culy	$-2.09(Q)^2 - .255(Q) + 75.8 = H$	<b>9B</b>
<b>5</b>	Adam Moritz Shane Kelling	$H = 2.4232(Q)^2 + 1.5655(Q) + 68.911$	<b>9B</b>
<b>6</b>	Nicholas Schroeder Alexander Bray	$H = -2.5(Q)^2 + .6759(Q) + 76.54$	<b>9B</b>
<b>7</b>	Kelsey Maiple James Podges	$H = -1.9227(Q)^2 - .587(Q) + 78.512$	<b>9B</b>
<b>8</b>	James Sikorskie Brian Howard	$H = -1.7743(Q)^2 - 1.2328(Q) + 76.688$	<b>9B</b>
<b>9</b>	Stephen Doemer Ben Clemmer	<del><math>H = 1.7743(Q)^2 - 1.2328(Q) +</math></del> $H = -1.8689(Q)^2 - 1.7384(Q) + 76.926$	<b>9B</b>
<b>10</b>	Nicholas Plehan Jeff Caspary	$H = -1.8108(Q)^2 - 1.9884(Q) + 78.187$	<b>9B</b>

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<b>1</b>	Courtney David Krista Lindquist	$H = -.4325(Q)^2 - 3.2326(Q) + 69.711$	<b>1A</b>
<b>2</b>	Mark Preston Carissa Lindeman	$H = -2.2394(Q)^2 + 1.2035(Q) + 74.556$	<b>1A</b>
<b>3</b>	Kelly-Anne Zayan Alexander Reese	$H = -1.7679(Q)^2 - .7404(Q) + 81.197$	<b>1A</b>
<b>4</b>	Zachary Newmeyer		<b>1A</b>
<b>5</b>	Ellesse Bess Will Paddock	$H = -1.767(Q)^2 - .297(Q) + 76.79$	<b>1A</b>
<b>6</b>	Morgan Parr Chris Bush	$H = -1.6983(Q)^2 - 1.8806(Q) + 79.565$	<b>1A</b>
<b>7</b>	Tyler Gygi Tristan-Frischholz McKay	$H = -2.0509(Q)^2 - .1491(Q) + 75.566$	<b>1A</b>
<b>8</b>	Ian Gaffney Samantha Armstrong	$Q = -2.2305(H)^2 - .1944(H) + 78.774$	<b>1A</b>
<b>9</b>	Joshua Patton Jordan Meyers	$H = 1.9658(Q)^2 - .7984(Q) + 73.978$	<b>1A</b>
<b>10</b>	David Mellon Ainslie Miller	$H = -1.7687(Q)^2 - 1.8753(Q) + 79.393$	<b>1A</b>

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1	Patrick Sommers Ryan Barrette	$H = -1.229(Q)^2 - 4.1533(Q) + 82.882$	1B
2	Carlos Prado Jacob Forbes	$H = -.7993(Q)^2 - 6.0332(Q) + 84.296$	1B
3	Joshua Kurdziel Lindsay Seefeldt	$H = -2.1292(Q)^2 + 3.151(Q) + 81.144$	1B
4	Alexander Samolowski Mitchell Redman	$H = -2.09(Q)^2 - .15(Q) + 76.24$	1B
5	Robert Parker Kevin Osentoski	$H = -1.967(Q)^2 - .1782(Q) + 76.073$	1B
6	Erik Drake Ethan Hleydemeyer	$H = 2.06(Q)^2 + .102(Q) + 77.8$	1B
7	Kerry King Dillon Verhaeghe	$H = -2.0918(Q)^2 - .9692(Q) + 76.318$	1B
8	Leandra Londo Tom Schneider		1B
9	Christina Basso Tyler Bartz	$H = -1.6542(Q)^2 - .1605(Q) + 78.709$	1B
10	Mackenzie Regner Kimberly Hammer	$H = -2.135(Q)^2 - 1.928(Q) + 79.428$	1B