

## Hay Ranch Project Groundwater Pumping To Date September 2012

Hay Ranch North and South Well Groundwater Extraction Amounts			
Time period	Groundwater Production Well	Groundwater Extracted	
		(Gallons)	(Acre Feet)
Date: 12/25/09 to 9/20/12	Hay Ranch South Well Project Totals:	1,916,848,829	5883
Date: 8/15/12 to 9/20/12	Hay Ranch South Well Recent Period:	1,872,882	6
Date: 12/25/09 to 9/20/12	Hay Ranch North Well Project Totals:	1,032,239,965	3168
Date: 8/15/12 to 9/20/12	Hay Ranch North Well Recent Period:	83,351,616	256

Total Groundwater Extraction Amounts at Hay Ranch Property (Combined Totals of Hay Ranch North and South Wells)								
Date Numeric	Date Short	Total Days Elapsed	Total Gallons Pumped Since 12/25/2009	Total Acre Feet Pumped Since 12/25/2009	Days in Period	Total Gallons Pumped for period	Acre Feet Pumped for period	Average Daily Acre Feet Pumped for period
40172	12/25/09	0	-	0.0	0.0	0	0.0	0.0
40175	12/28/09	3.5	2,902,000	8.9	3.5	2,902,000	8.9	2.5
40182	1/4/10	10.5	9,469,000	29.1	7.0	6,567,000	20.2	2.9
40189	1/11/10	17.5	18,101,000	55.5	7.0	8,632,000	26.5	3.8
40196	1/18/10	24.5	24,009,000	73.7	7.0	5,908,000	18.1	2.6
40199	1/21/10	27.5	28,463,000	87.3	3.0	4,454,000	13.7	4.6
40203	1/25/10	31.5	33,589,000	103.1	4.0	5,126,000	15.7	3.9
40210	2/1/10	38.5	40,633,000	124.7	7.0	7,044,000	21.6	3.1
40217	2/8/10	45.5	46,049,000	141.3	7.0	5,416,000	16.6	2.4
40224	2/15/10	52.5	55,035,000	168.9	7.0	8,986,000	27.6	3.9
40227	2/18/10	55.5	59,004,000	181.1	3.0	3,969,000	12.2	4.1
40231	2/22/10	59.5	67,248,000	206.4	4.0	8,244,000	25.3	6.3
40238	3/1/10	66.5	81,177,000	249.1	7.0	13,929,000	42.7	6.1
40245	3/8/10	73.5	96,304,000	295.5	7.0	15,127,000	46.4	6.6
40252	3/15/10	80.5	114,238,000	350.6	7.0	17,934,000	55.0	7.9
40254	3/17/10	82.5	120,024,000	368.3	2.0	5,786,000	17.8	8.9
40259	3/22/10	87.5	132,704,000	407.3	5.0	12,680,000	38.9	7.8
40266	3/29/10	96.5	151,531,000	465.0	7.0	18,827,000	57.8	8.3
40281	4/13/10	109.5	190,826,000	585.6	15.0	39,295,000	120.6	8.0
40312	5/14/10	140.5	248,524,000	762.7	31.0	57,698,000	177.1	5.7
40347	6/18/10	175.5	325,519,000	999.0	35.0	76,995,000	236.3	6.8
40380	7/21/10	208.5	384,977,000	1181.5	33.0	59,458,000	182.5	5.5
40408	8/18/10	236.5	461,484,000	1416.2	28.0	76,507,000	234.8	8.4
40436	9/15/10	264.5	569,767,000	1748.6	28.0	108,283,000	332.3	11.9
40471	10/20/10	299.5	719,918,000	2209.3	35.0	150,151,000	460.8	13.2
40499	11/17/10	327.5	843,610,000	2588.9	28.0	123,692,000	379.6	13.6
40527	12/15/10	355.5	942,496,000	2892.4	28.0	98,886,000	303.5	10.8
40535	12/23/10	363.5	969,708,000	2975.9	8.0	27,212,000	83.5	10.4
40557	1/14/11	385.5	1,051,742,000	3227.7	22.0	82,034,000	251.8	11.4
40590	2/16/11	418.0	1,195,277,058	3668.2	33.0	143,535,058	440.5	13.3
40618	3/16/11	446.0	1,297,555,396	3982.1	28.0	102,278,338	313.9	11.2
40653	4/20/11	481.0	1,411,944,604	4333.1	35.0	114,389,208	351.0	10.0
40679	5/16/11	507.0	1,480,298,532	4542.9	26.0	68,353,928	209.8	8.1
40711	6/17/11	539.0	1,614,216,071	4953.8	32.0	133,917,539	411.0	12.8
40744	7/20/11	572.0	1,718,358,135	5273.4	33.0	104,142,064	319.6	9.7
40780	8/25/11	608.0	1,826,027,997	5603.9	36.0	107,669,862	330.4	9.2
40808	9/22/11	636.0	1,913,288,042	5871.7	28.0	87,260,045	267.8	9.6
40835	10/19/11	663.0	2,012,500,212	6176.1	27.0	99,212,170	304.5	11.3
40863	11/16/11	691.0	2,107,009,325	6466.2	28.0	94,509,113	290.0	10.4
40892	12/15/11	720.0	2,194,462,947	6734.6	29.0	87,453,622	268.4	9.3
40909	1/1/12	737.0	2,244,015,454	6886.6	17.0	49,552,507	152.1	8.9
40926	1/18/12	754.0	2,294,961,279	7043.0	17.0	50,945,825	156.3	9.2
40954	2/15/12	782.0	2,379,615,567	7302.8	28.0	84,654,288	259.8	9.3
40982	3/14/12	810.0	2,464,852,032	7564.4	28.0	85,236,465	261.6	9.3
41017	4/18/12	845.0	2,568,756,136	7883.2	35.0	103,904,104	318.9	9.1
41047	5/18/12	875.0	2,648,936,175	8129.3	30.0	80,180,039	246.1	8.2
41073	6/13/12	901.0	2,711,863,226	8322.4	26.0	62,927,051	193.1	7.4
41101	7/11/12	929.0	2,777,902,728	8525.1	28.0	66,039,502	202.7	7.2
41136	8/15/12	964.0	2,863,864,296	8788.9	35.0	85,961,568	263.8	7.5
41172	9/20/12	1000.0	2,949,088,794	9050.4	36.0	85,224,498	261.5	7.3

**Notes:**

Data based on manual reads by TEAM of the Hay Ranch North and South Well Totalizers and digital reads from Coso Operating Company.  
Hay Ranch Project groundwater pumping was initiated on 12/25/09.