

MONTHLY SUMMARY – Eagle Bend Water Supply – June 24, 2013

Operations

The Daily Flows Table (thru June 23rd) and General Summary Table are attached. Compared to earlier years, and especially 2012, the irrigation season got off to a slow start due to all the precipitation in April and early May. But with recent temperatures reaching the mid to high 90's, and with the high winds, we have seen heavy irrigation demands during late May and June. Flow totals shown in the General Summary Table and those in the Daily Flow Table will differ a bit due to different meter reading dates.

The wells have been running continuously with current rates of about 180 gallons per minute for the North Well and 260 gpm for the South Well (which is running at full speed); both with modest and sustainable drawdowns of water level. There have been three instances where the North Well variable speed drive has shut down due to "Input Phase Fault". This requires manual restart at the drive which has been accomplished without difficulty.

We have drawn about 4 million gallons from the ECCV Service Line so far this year; as tabulated below (with a slight variation from the actual billed amounts due to my use of estimated gpm flow rates). We draw about ½ million gallons per day, call for this water when the pond level drops to about 4 feet below the overflow level, and then continue drawing water for three or four days until the pond level rises to about 1 to 1.5 feet below the overflow.

ECCV Valve Operation							
Open		Close				Approx. hrs	Approx
Date	Time	Date	Time	Turns	ECCV gpm	Time Open	Gallons
5/29/2013	12:12	6/1/2013	21:20	10?	378	81.1	1,842,051
6/13/2013	12:17	6/17/2013	9:17	10?	378	93.0	2,111,472

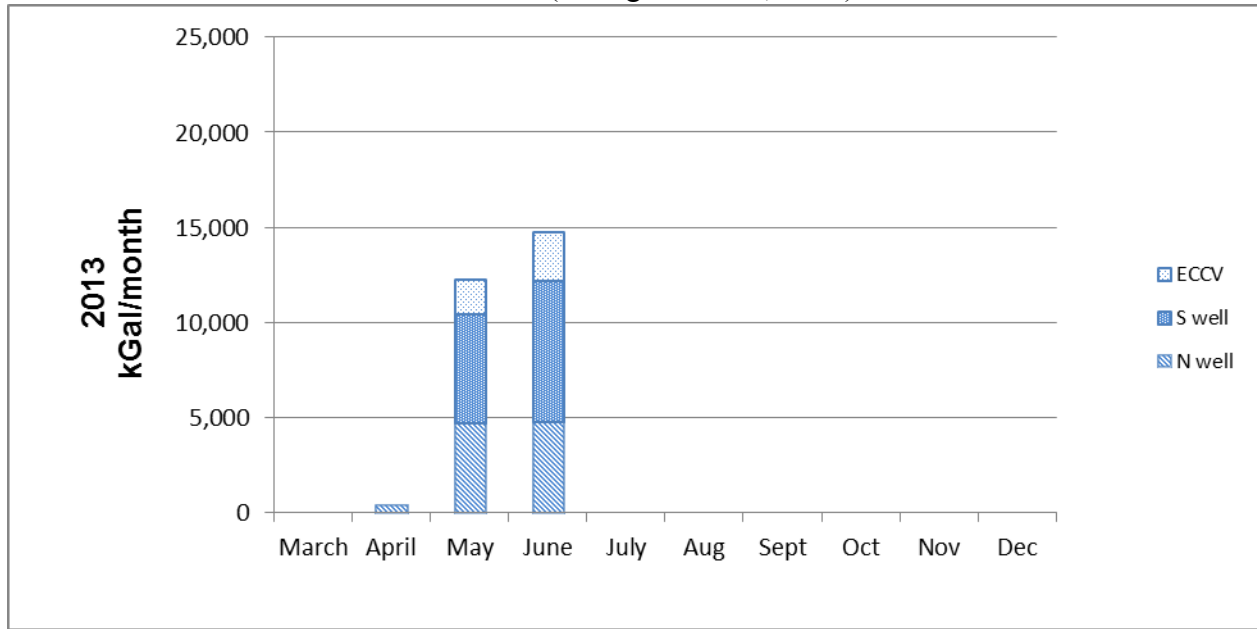
There have been no overflow events at the Fairway #4 pond so far this year. I appreciate the heads up text messages or Emails from Directors Arellano and Rexroat when there is heavy rain occurring at the site.

Director Rexroat informed me that excavation work for the dewatering sump pump will begin sometime after the July 4th holiday. I will coordinate the installation of the cellular dialer with the electrician.

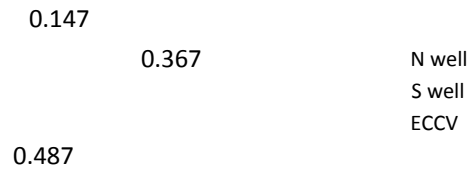
I remain available to discuss any questions. Scott Lehman (303)292-3456 Cell (303)668-9546

<u>Start Time</u>	<u>North Well Flow (gallons)</u>	<u>South Well Flow (gallons)</u>	<u>ECCV (gallons)</u>	<u>Rainfall (inches)</u>
4/29/2013	62,782	0	0	0
4/30/2013	215,661	0	0	0
April Totals	278,443	0	0	0.80
5/1/2013	96,423	0	0	0.28
5/2/2013	0	0	0	0
5/3/2013	0	0	0	0
5/4/2013	141,286	0	0	0
5/5/2013	227,389	0	0	0
5/6/2013	226,559	83,923	0	0
5/7/2013	225,923	300,737	0	0.03
5/8/2013	166,281	200,405	0	0.59
5/9/2013	0	0	0	0.64
5/10/2013	0	0	0	0
5/11/2013	0	0	0	0
5/12/2013	0	0	0	0
5/13/2013	55,278	72,898	0	0
5/14/2013	135,561	180,387	0	0
5/15/2013	206,809	270,671	0	0
5/16/2013	130,074	170,647	0	0
5/17/2013	78,179	101,329	0	0
5/18/2013	209,950	271,754	0	0
5/19/2013	227,746	296,739	0	0
5/20/2013	225,185	295,551	0	0.07
5/21/2013	115,950	153,065	0	0
5/22/2013	0	0	0	0.01
5/23/2013	206,272	271,115	0	0
5/24/2013	220,210	295,084	0	0
5/25/2013	219,171	293,688	0	0
5/26/2013	216,737	292,888	0	0
5/27/2013	214,236	291,421	0	0
5/28/2013	210,815	289,200	0	0
5/29/2013	212,321	288,999	267,900	0.15
5/30/2013	210,125	290,090	544,900	0
5/31/2013	199,159	277,343	544,900	0
May Totals	4,377,639	4,987,934	1,357,700	1.77
6/1/2013	177,177	249,540	484,400	0
6/2/2013	9,904	13,296	0	0
6/3/2013	206,430	292,202	0	0
6/4/2013	221,025	325,764	0	0.23
6/5/2013	244,024	372,327	0	0.02
6/6/2013	242,977	370,926	0	0
6/7/2013	243,000	370,292	0	0
6/8/2013	120,650	183,272	0	0
6/9/2013	27,263	40,533	0	0
6/10/2013	189,663	371,511	0	0
6/11/2013	205,598	371,148	0	0
6/12/2013	205,596	374,302	0	0
6/13/2013	261,420	385,237	266,000	0
6/14/2013	206,379	384,903	544,900	0
6/15/2013	211,092	384,597	544,900	0
6/16/2013	261,097	384,554	544,900	0
6/17/2013	259,690	275,256	210,800	0
6/18/2013	259,157	385,708	0	0
6/19/2013	200,209	383,494	0	0
6/20/2013	259,086	380,989	0	0
6/21/2013	257,946	378,432	0	0
6/22/2013	257,381	376,890	0	0
6/23/2013	245,572	333,811	0	0.23
June to date Totals	4,772,336	7,388,984	2,595,900	0.48

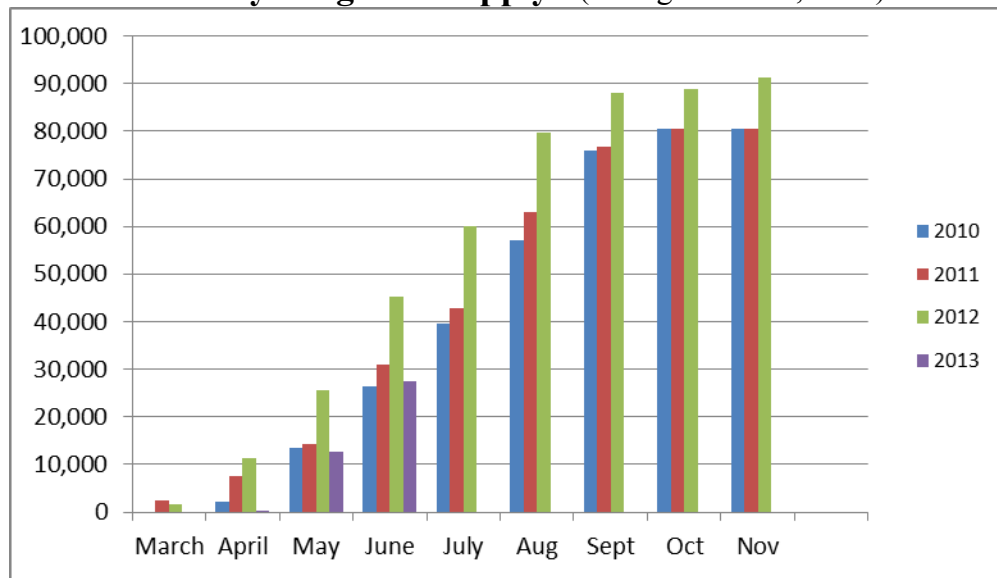
TOTAL IRRIGATION SUPPLY (through June 23, 2013)



Year to date makeup of irrigation supply (through June 23, 2013)



Monthly Irrigation supply (through June 23, 2013)



Partial data - Thru June 23, 2013
(need to enter Xcel billing data and also verify # of \$22,000 payments from MHOA)

Eagle Bend - 2013						
Service Month (nominal)	Initial	March	April	May	June	YTD
Meter Reads						
North Well	101380	0	390	5105	0	
South Well	18163	18163	18163	23888		
ECCV	37974	37974	37974	39816		
Aurora Potable	25297	25297	25297	25297		
kgal						
North Well		0	390	4,715	4,772	9,877
South Well		0	0	5,725	7,389	13,114
ECCV		0	0	1,842	2,112	3,954
Aurora Potable		0	0	0	0	0
Total - kgal		0	390	12,282	14,273	26,945
Total - af		0.0	1.2	37.7	43.8	82.7
COA Billing (2 months)						
North Well	\$0.00	\$0.00	\$163.80	\$1,980.30		\$2,144.10
South Well	\$0.00	\$0.00	\$0.00	\$2,404.50		\$2,404.50
ECCV	\$0.00	\$0.00	\$0.00	\$11,936.16		\$11,936.16
Aurora Potable	\$87.14	\$43.57	\$43.57	\$43.57		\$217.85
Total	\$87.14	\$43.57	\$207.37	\$16,364.53		\$16,615.47
Xcel Energy Billing (2 months)						
North Well	\$814.33					\$814.33
South Well	\$1,093.64					\$1,093.64
Total	\$1,907.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Xcel \$/kgal (approx., some time lag)						
North Well			\$0.00	\$0.00	\$0.00	\$0.08
South Well				\$0.00	\$0.00	\$0.08
Combined			\$0.00	\$0.00	\$0.00	\$0.00
HOA Billing	\$0.00	\$22,000.00	\$23,006.20	\$53,687.56	\$58,824.34	\$157,518.10
Net to District	\$0.00	\$21,956.43	\$22,798.83	\$37,323.03	\$58,824.34	\$140,902.63
Credit towards ECCV SL	\$0.00	\$0.00	\$0.00	\$6,483.84	\$7,434.24	\$13,918.08