

Watermaster's Report

Ground Water District 63-S (Stewart Gulch)

March 1, 2012 to March 1, 2013

Withdrawals

The total withdrawal of low temperature geothermal water in GWD63-S in WY11 was 176.4 mgal (Figure 1). This amount was 5.6 mgal more than the withdrawal in WY10, which is a 3% increase (Table 1). Overall, the withdrawal from the Stewart Gulch aquifer system was 526.0 acre feet.

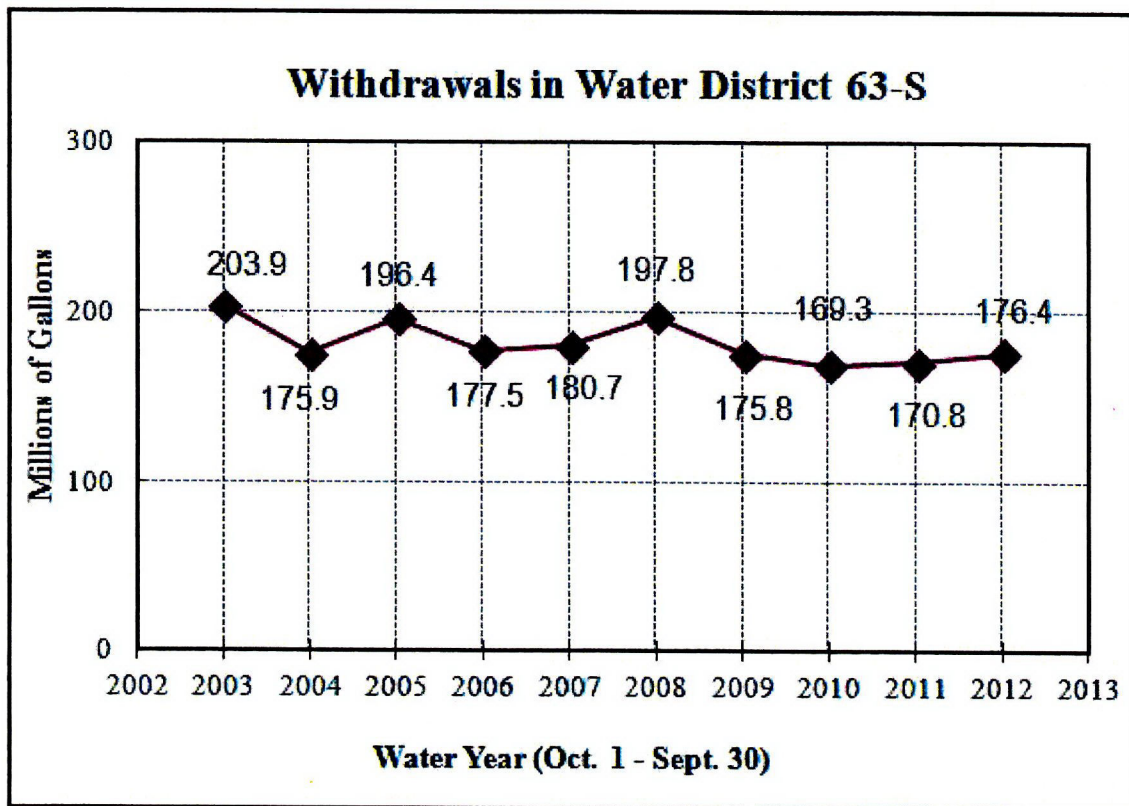


Figure 1. Low-temperature geothermal ground water withdrawals in Ground Water District 63-S for Water Years 2003-2012.

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Table 1. Withdrawals¹ from Stewart Gulch Ground Water District 63-S geothermal wells for Water Year 2012 (October 1, 2011 through September 30, 2012).

Well	Withdrawals in WY12 (millions of gallons)	Change from WY11 (millions of gallons)	Percent Change from WY11
TTCI Tiegs (Triangle)	0	0	0
TTCI Silkey (Shed)	7.9	+0.3	+4%
TTCI House (Office)	0.3	-0.5	See Comments ²
Edwards Greenhouse	65.4	+0.4	+<0.1%
Terteling Ranch Windsock	66.9	-2.4	-4%
Terteling Ranch Pool	19.2	+0.6	+3%
Quail Hollow (Tee Ltd) Upper	<0.1	<0.1	See Comments ³
Quail Hollow (Nibbler) Lower	11.7	+7.5	+276%
Whitehead	4.9	-0.1	-2%
Total	176.4	+5.6	+3%

¹These numbers contain some degree of uncertainty which is typically associated with measurement equipment and methods. Therefore, the amounts are being reported in millions with one decimal place.

²The withdrawal in WY12 was 300,000 gallons; in WY11 the withdrawal was 800,000 gallons. This is decrease of over 60% but because the actual amounts are low, it would be misleading to report a percentage in this column.

³The withdrawal in WY12 was 71,700 gallons; in WY11 the withdrawal was 59,500 gallons. This is increase of about 20% but the actual amounts are so low that it would be misleading to report a percentage in this column.

The ownerships and locations of the wells allow them to be grouped into four individual withdrawal centers, which is a useful approach for summarizing the withdrawals in these localized areas within the District. Table 2 shows the four centers and the changes in withdrawals from WY11 to WY12

Table 2. Four withdrawal centers in GWD63-S and changes from WY11 to WY12.

Withdrawal Center	Number of Wells	Numerical change from WY11 to WY12	Percentage change from WY11 to WY12
Edwards Greenhouse	1	+0.4 mgal	+<0.1%
Terteling Garden Center	3 (2 in use; 1 unused)	-0.2 mgal	-2%
Quail Hollow	2	+7.5 mgal	+276%
Terteling Ranch	2	-1.8 mgal	-2%

Water Levels

Overall, ground water levels in GWD63-S wells were fairly consistent with previous years. Maximum values in some wells remained the same as WY11, and decreased slightly in some wells. Minimum values were a little higher in WY12.

The Edwards well had a decrease in the maximum water level of 1.2 feet and an increase in the minimum water level of 3.5 feet in WY12 (Figure 2).

The TTCI Tiegs (Triangle) well also had a slight decrease in the maximum water level (0.2 feet), and an increase in the minimum water level of 2.3 feet (Figure 3). The TTCI House (Office) well had a larger decrease in the maximum level (2.8 feet); the minimum value increased slightly (0.2 feet)(Figure 4). The Silkey (Shed) had very slight increases in both the maximum and minimum water level (Figures 5).

The maximum water levels in the Quail Hollow wells were nearly the same in WY12 as in WY11, and the minimum levels were a little higher in WY12 (Figures 6 and 7).

The Terteling Ranch Windsock and Pool wells showed slight increases in the minimum water levels and the maximum water levels remained about the same as in WY11 (Figures 8 and 9).

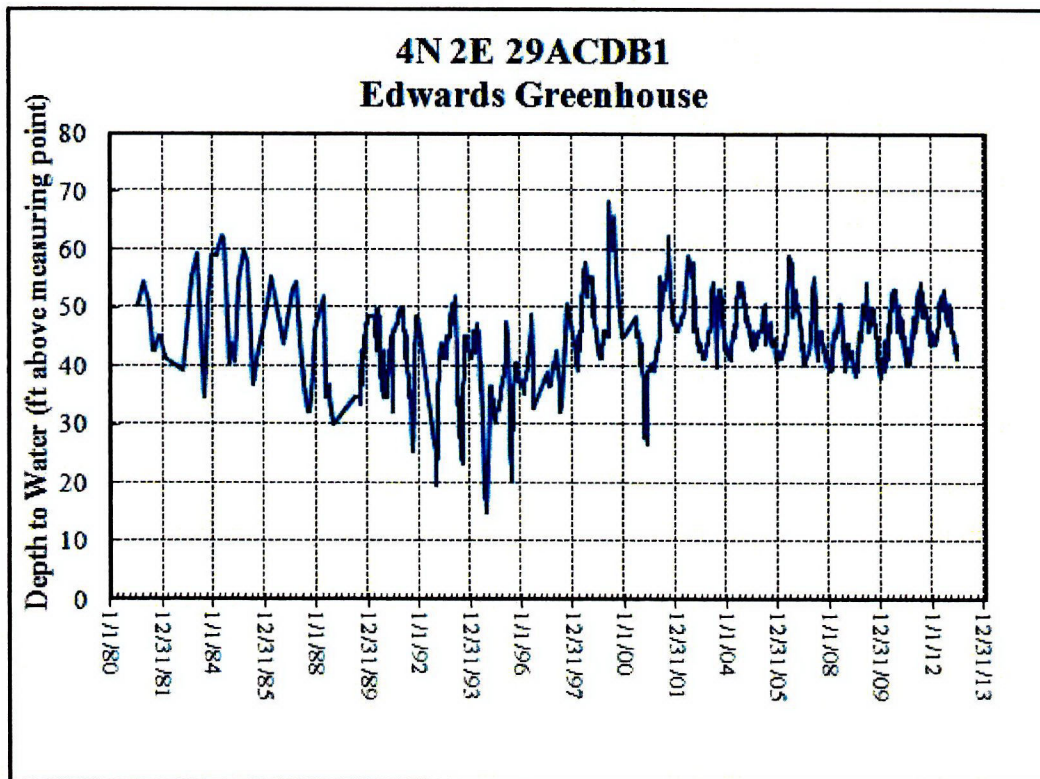


Figure 2. Water level hydrograph for the Edwards Greenhouse well.

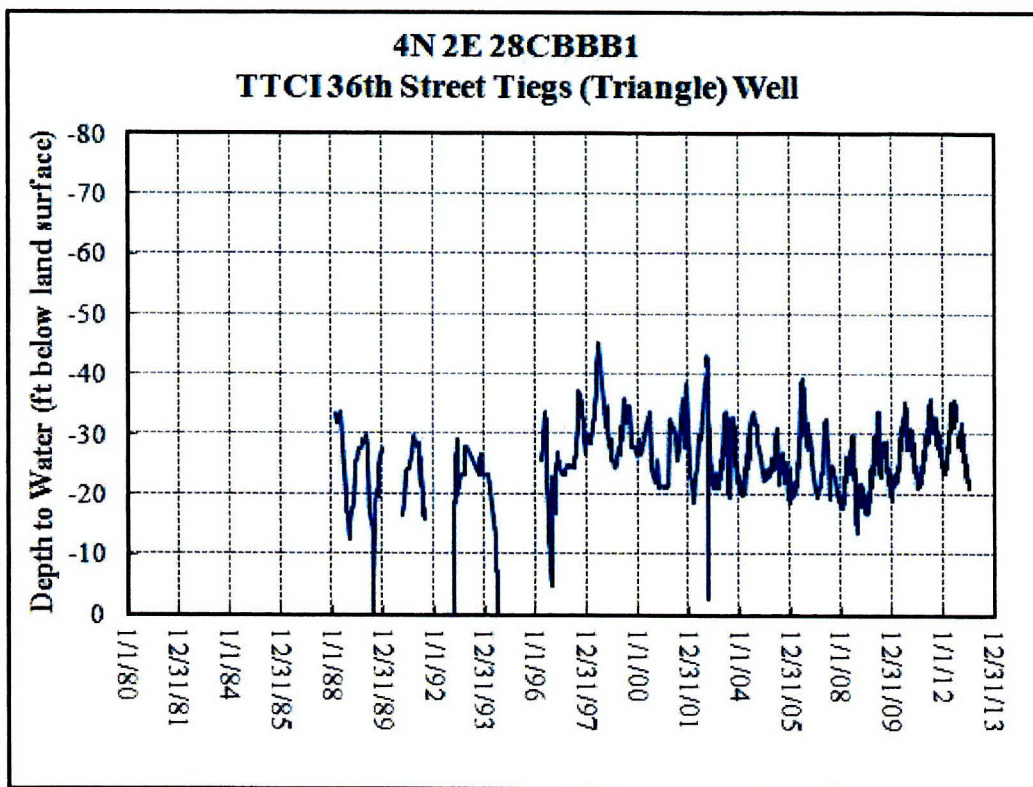


Figure 3. Water level hydrograph for the TTCI 36th Street Tieg's (Triangle) well.

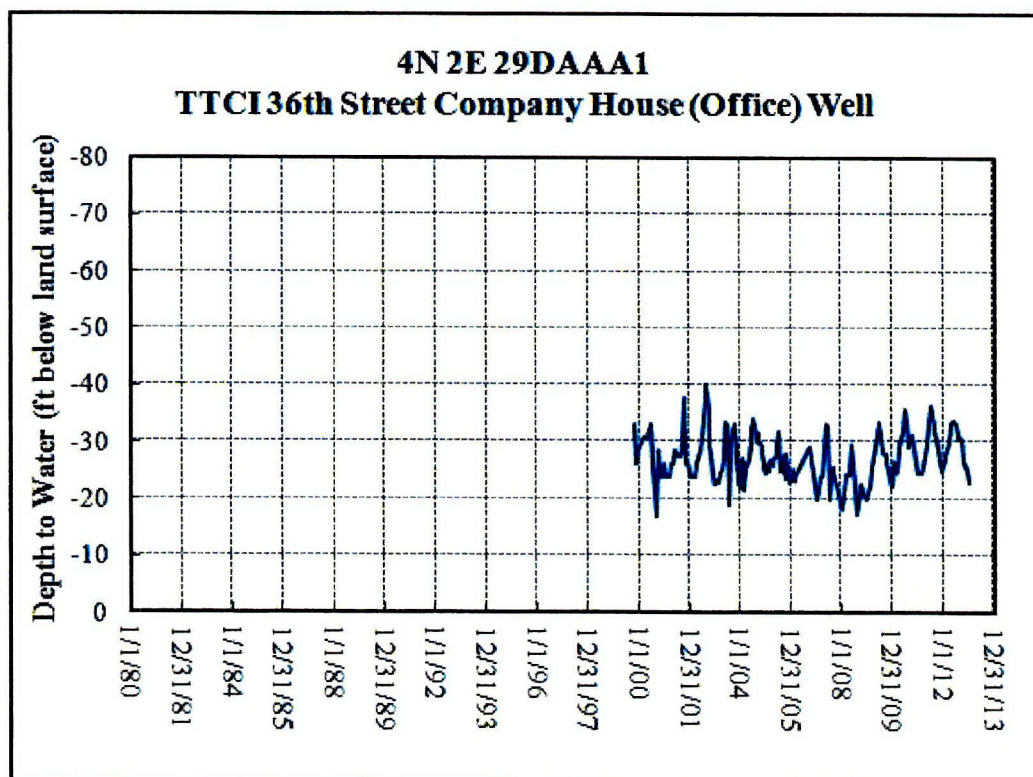


Figure 4. Water level hydrograph for the TTCI 36th Street House (Office) well.

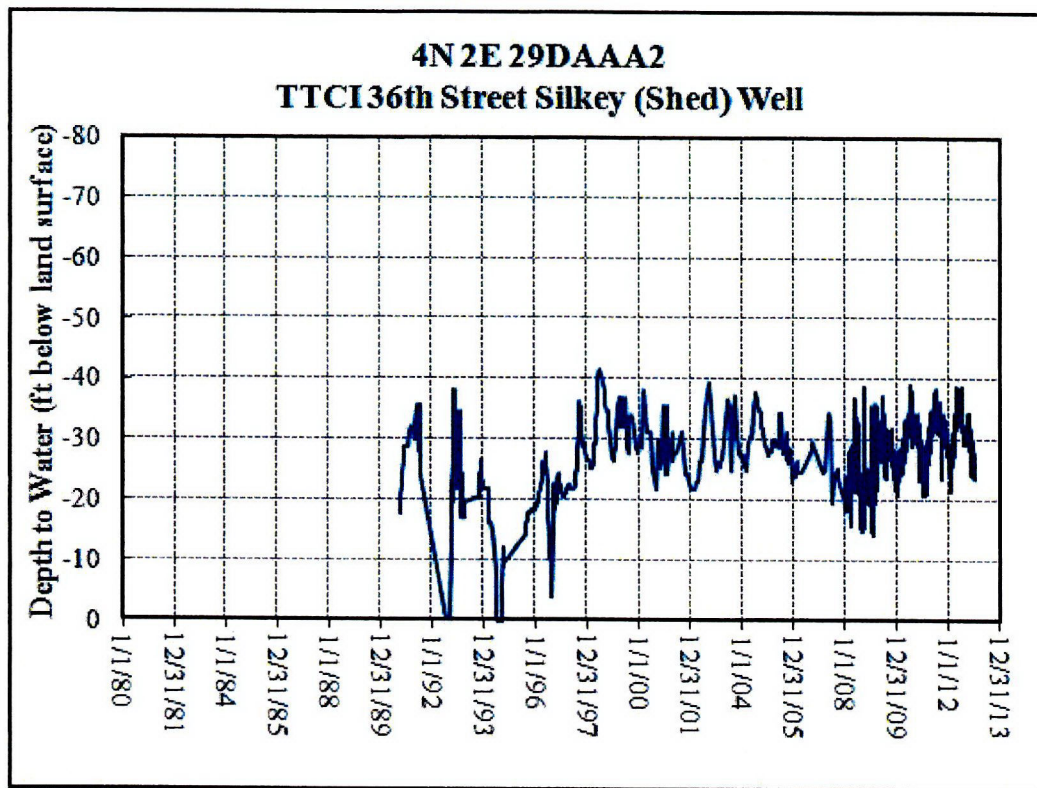


Figure 5. Water level hydrograph for the TTCI 36th Street Silkey (Shed) well.

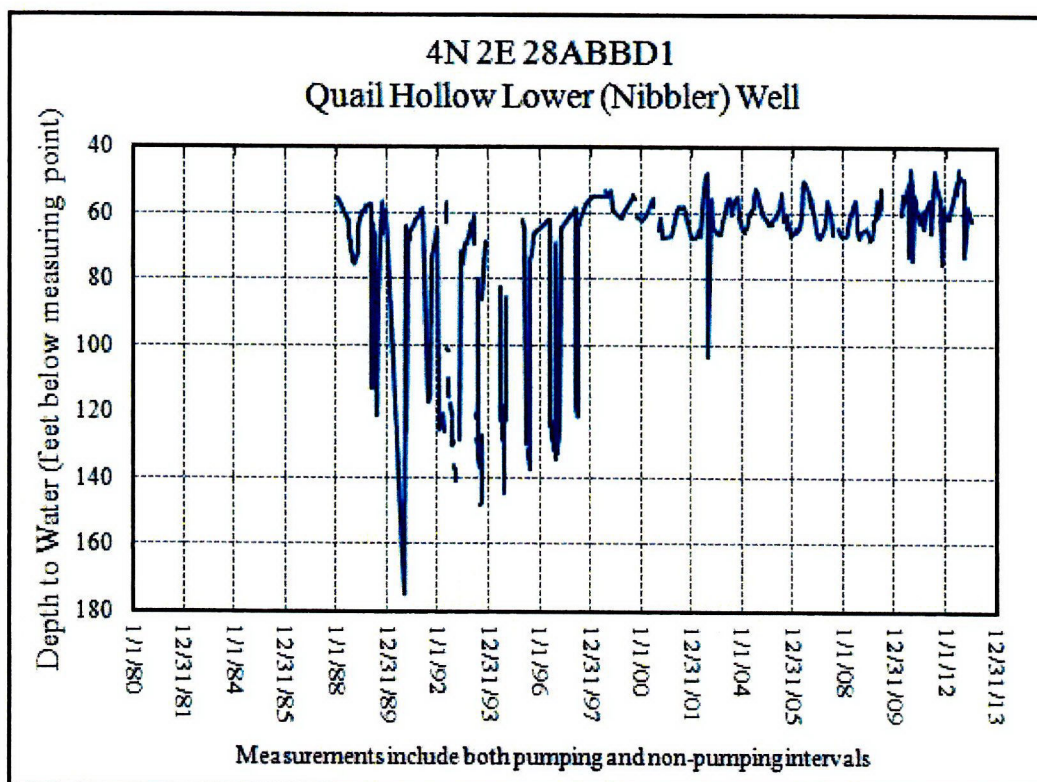


Figure 6. Water level hydrograph for the Quail Hollow Nibbler (Lower) well.

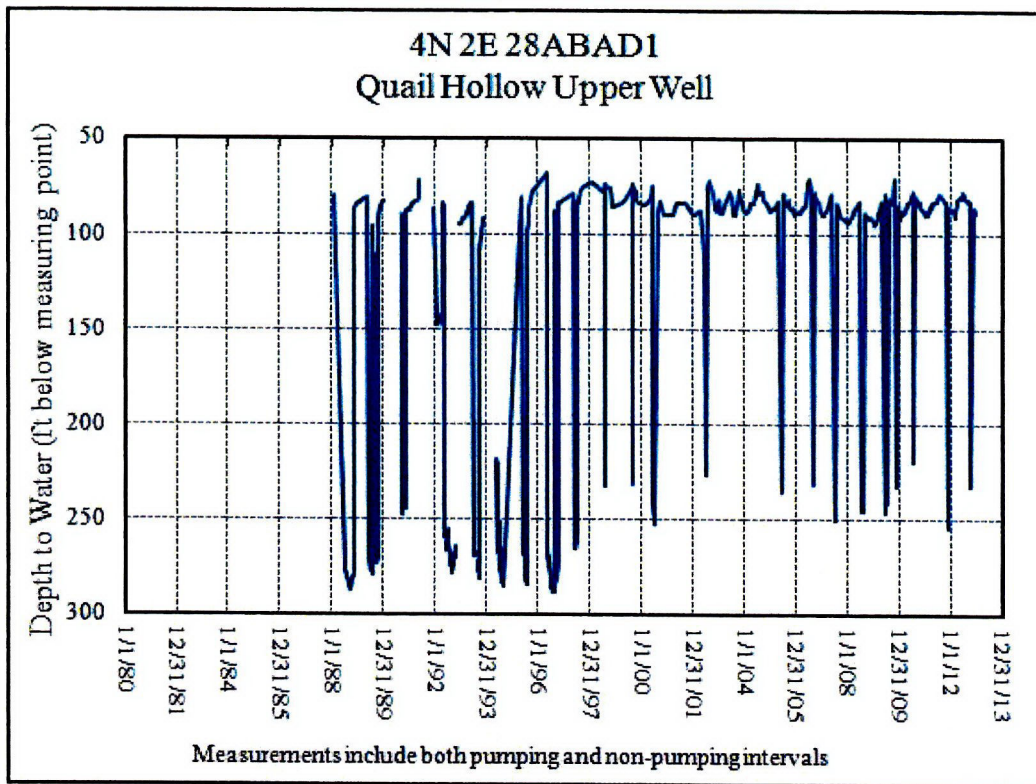


Figure 7. Water level hydrograph for the Quail Hollow Tee Ltd (Upper) well.

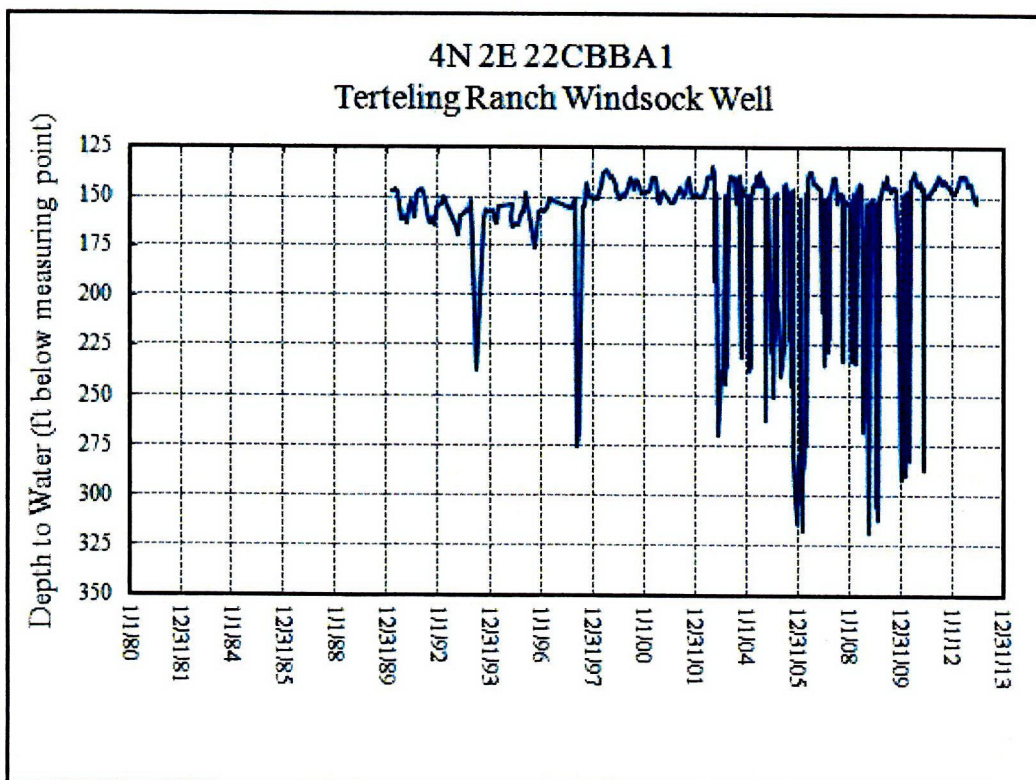


Figure 8. Water level hydrograph for the Terteling Ranch Windsock well.

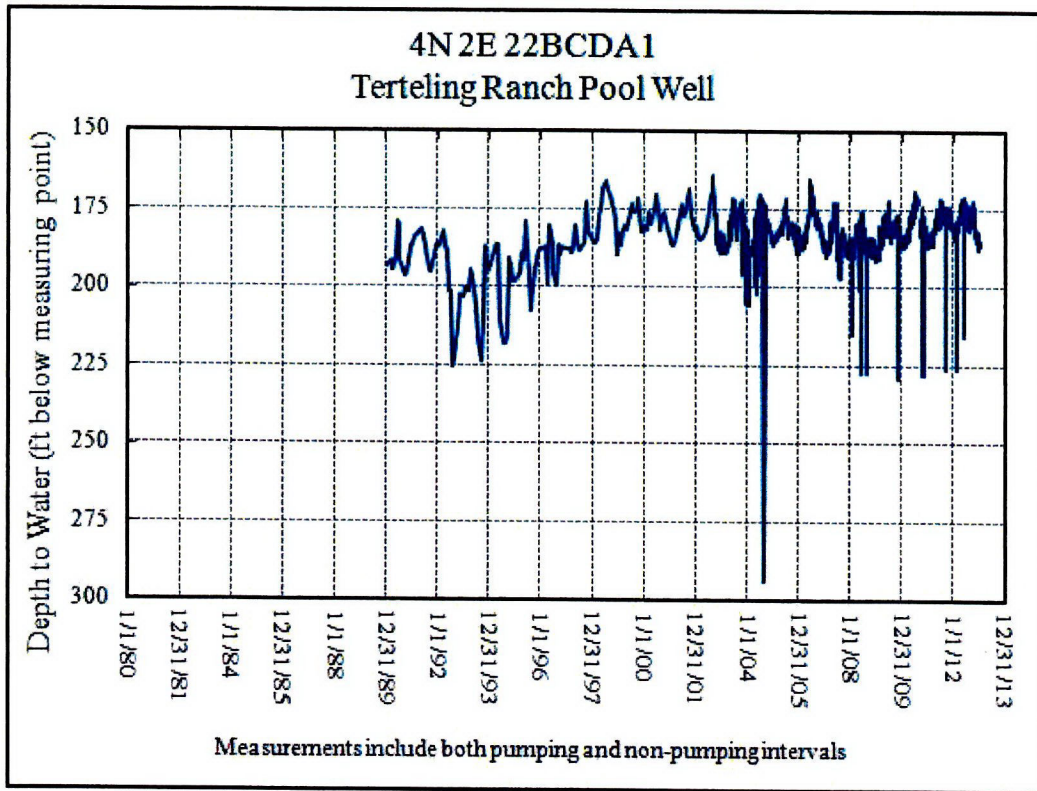


Figure 9. Water level hydrograph for the Terteling Ranch Pool well.

Watermaster Expenses

The Watermaster worked 13.0 hours in the time period from March 1, 2012 to February 28, 2013. The billing for these services is as follows:

Salary	\$ 364.05
Fringe	\$ 131.44
Supplies	\$ 0.00
<u>Indirect</u>	<u>\$ 208.11</u>

Total \$ 703.60

Table 3 is the assessment for the Watermaster's expenses for Ground Water District 63-S for March 1, 2012 through February 28, 2013

Table 3. Assessment for Watermaster's expenses for Water District 63S for March 1, 2011 through February 29, 2012.

Owner	Name	Percentage¹	Assessment²
Terteling Company	Flora Tiegs	0.000	\$0.00
Terteling Company	Flora Silkey	20.723	\$145.81
Terteling Company	Flora House	1.566	\$11.02
Edwards Greenhouses	Edwards	22.864	\$160.87
Terteling Company	Terteling Windsock	36.147	\$254.33
Terteling Company	Terteling Pool	9.714	\$68.35
Quail Hollow Golf Course	Quail Hollow Upper	6.562	\$46.17
Quail Hollow Golf Course	Quail Hollow Lower	2.444	\$17.20
Rose and Mary Ryan	Ryan	-	\$10.00
David Niznik	Whitehead	-	-
	Total	100	\$713.75

¹Percentages as determined at the 2004 Annual Meeting.

²Based on percentages in Column 3 times the Watermaster's Fees for this time period (\$703.60).

Respectfully submitted,

Kenneth Neely

Kenneth Neely
Watermaster for Ground Water District 63-S

Minutes from the Annual Meeting of State Water District 63-S Stewart Gulch on March 1, 2012

Quail Hollow Clubhouse

Meeting called to order at 1:37 p.m.

Present:

Joe Terteling, Flinda Terteling, Ed Squires, Charles Honsinger, Dave Hendrickson, Ken Neely, Vicky Music, Garnette Edwards, Erin Monnie, Mary Ryan, & Rose Ryan

Minutes:

Minutes of March 2011 meeting were read and approved as submitted.

Election of Officers from March 1, 2012 thru March 7, 2013.

Joe Terteling—Chairperson

Ken Neely—Watermaster

Rose Ryan—Secretary

Dave Hendickson—Treasurer

All Officers were approved.

Treasurer's Report/Budget:

Dave presented the treasurer's report: \$627.81 in the account as of Jan. 31st, 2012, all money collected and bills paid. Ken presented his bill from March 4, 2011 to Feb. 29, 2012. This is up a little from last year because of an error on how much time he actually spent as Watermaster. Ken's bill is for 27 hours (he spends 3 hours per round and takes readings 9 times during the billing period). A motion was made and passed that the water users of Water District 63-S provides adequate data such that the Watermaster can curtail and streamline his measurements in the District.. A motion was made and passed to reduce Ken's hours from 27 to 15 and he will be paid \$800.00. Ken plans to visit only quarterly (March 1st, June 1st, September 1st, & December 1st plus October 1st which is the end of the

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water year) until further notice.

New Business:

Ed presented water level hydrographs for all of the TTCI low-temperature geothermal wells from 2002 thru 2011. It is apparent from the plots that all of the TTCI District 63-S wells respond exactly the same so that any of the TTCI wells could be used to determine what water levels in the aquifer are doing. Ed also showed that the water level record also exactly mimics the recordings for the Edwards LTG well. Therefore, Ed suggested monitoring only the Tiegs well for TTCI because if there was ever any divergence between Edwards and Tiegs well, or if anything were to happen to the Tiegs well, any of the other TTCI wells could be monitored as a substitute. Also, the Tiegs well has been set aside as a long-term designated monitoring well (until such time it could be needed for production) and it is not currently pumped or flowed (so it is a good monitoring well). Ken Neeley agreed with Ed that a request to the IDWR for reduced monitoring and reporting by TTCI is warranted and supported by the data and that such a request fits with IDWR's own decision to reduce monitoring frequency. Ed will develop and submit a request for limiting TTCI's monitoring and reporting requirements to the Tiegs well.

Old Business:

We discussed an Area of Drilling Concern designation for the District to prevent additional domestic wells from being inadvertently drilled into the LTG aquifer and to ensure proper sealing of all new and replacement wells and proper abandonment procedures for old wells to be replaced (including perforation and pressure grouting techniques). Ed led a discussion about small wells and replacement wells pulling from the geothermal aquifer. We would like to know the affect they have on the aquifer. We discussed the need for 63-S to develop a proposal with problems, cases, and concerns we have and then present them to IDWR to consider (send to Tim Neace and cc to Tom Luke). A motion was made and passed that we form an advisory committee for Area of Drilling Concern. The committee will be made up of

Garnette, Joe, and Dave. They will have a telephone meeting the first work day of every month at 10:00 a.m.

Watermaster's Report:

Ken reported that water levels are increasing because production is relatively flat. Ken discussed the Whitehead well use is up 20% and he has no idea why. They are allotted 13,000 gallons per day and they are using 13,972 gallons per day. The Whitehead well has no gauge on the flow system and the well is not shut in. Ken uses his own gauges when getting readings on the well but he expressed a concern about shutting in the well because of its age, location in a vault where it cannot be accessed to be worked on, and a perception that its construction could be compromised or fragile. In other words, Ken is worried about the liability of causing a problem with the well by shutting it in compared to the usefulness of the data obtained. The group expressed a concern about the monitoring and the potential for over-use of the well. We made and passed a motion that Charles Honsinger would send David Niznik a friendly letter with information about well use and an invitation to attend our annual meeting next March. This letter would be signed by our Chairperson, Joe.

It was determined that Ed will join Ken when he visits the wells in June (he will let Garnette know what date they will be there).

Next meeting is set for 1:30 p.m. on Thursday March 7, 2013 at Quail Hollow Clubhouse. Secretary will call Dave in January (IDWR will send the secretary a form to fill out) to confirm date. Minutes for this meeting will be sent out within 30 days of the meeting for review and approval by the District members.

Meeting adjourned 2:40 p.m.

Respectfully submitted—Mary & Rose Ryan

July 2012	Water District 78C 2012 Water Season					1919			1906				1900/1898																	(TOTAL / 50)
													1898/1897																	TOTAL INCHES
NAME OF OWNER	IDENTIFICATION NO.	DITCH	7-07	7-08	7-09	7-10	7-11	7-12	7-13	7-14	7-15	7-16	7-17	7-18	7-19	7-20	7-21	7-22	7-23	7-24	7-25	7-26	7-27	7-28	7-29	7-30	7-31	TOTAL	24 HOUR SEC	
Alvin (Corky) Krigbaum	780243-780248	SE	125.6	125.6	125.6	121.4	121.4	121.4	89.6	89.6	89.6	89.6	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	2215.4	44.31	
Paulette Miller (Don) 3110	780174+780242	SE & Irick	16.8	16.8	16.8	16.8	16.8	16.8	OUT																			100.8	2.02	
Dick Clay (2356)		Circle C & Clay Drydon	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	OUT															865	17.3	
Dean Dryden (2445)		Circle C & Clay Drydon	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	111.2	OUT															1112	22.24	
Dick Clay (2356)	780155+780156	Clay Freeman	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	1160	23.2	
Dean Dryden		Clay Freeman	41.6	41.6	41.6	41.6	41.6	41.6	36.4	36.4	36.4	36.4	OUT															395.2	7.9	
Rod Johnson 642-9488	780215-780217	Jennings	23	23	23	23	23	23	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	443.9	8.88	
Gary Swift 2242	780216-780217	Jennings	15	15	15	15	15	15	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	290.64	5.81	
Barbara Bush 3523	780217-780217	Jennings	4	4	4	4	4	4	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	78.15	1.56	
Dale James 4481	780218-780217	Jennings	2.53	2.53	2.53	2.53	2.53	2.53	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	49.38	0.99	
Thorton	780219-780217	Jennings	3	3	3	3	3	3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	57.9	1.16	
Ed Raney (mike 2258)	780216+780217	Jennings	33.27	33.27	33.27	33.27	33.27	33.27	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	644.03	12.88	
Ed Raney	780255+780227	Jennings	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	2800	56	
Irma Keska Estate (sean) 2573	78...	Cal-White	16.8	16.8	16.8	16.8	16.8	16.8	4	4	4	4	OUT															116.8	2.34	
Jack Hubbard	780183+780184	Abshire/Moore	16	16	16	16	16	16	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	278.4	5.57	
Dan Hearn 2247	780206+780182	Abshire/Moore	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	2130	42.6	
Cal White Group	-+	Cal-White	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	480	9.6	
C+M Lumber	+	Looney	40	40	40	40	40	40	40	40	40	40	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	637.6	12.75	
Cruikshank	-----	Looney or KLF	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	1310.4	26.21	
Inoz Morris & Tanakerby 2520,2115	780228-780209-212	Estabrook/Bryden	105.7	105.7	105.7	105.7	105.7	105.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	2047.8	40.96	
Purl Fritschle	780258	Estabrook/Bryden	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	112.5	2.25	
Dale Smith 2148	780210-780211	Estabrook/Bryden	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	22.3	0.45	
Charles Farrell Est & Carolyn	780200-780201	Becker	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	680	13.6	
May Wilson & Alice Pangmon	780171+780172	Clay Freeman/Wilson Bros.	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	490	9.8	
JA Wilson Est. (Marion, Million marsha)	780171 + 780172	Wilson Bros.	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	2345	46.9	
Harry Johnson Est.	780163	Shepard Smith	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	1680	33.6	
Farrell Est. (K)	780164 + 780170	Shepard Smith	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	1880	37.6	
Farrell Est. (K)	780168 – 780170	Shepard Smith	115.2	115.2	115.2	115.2	115.2	115.2	115.2	115.2	115.2	115.2	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	1752	35.04	
Darrell Campbell 224	780166 + 780167	Shepard Smith	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	2900	58	
Farrell Est. (K) FC	780185 – 188	Becker	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	1475	29.5	
Charles & Mary Farrell	780189 – 780195	Becker	128	128	128	128	128	128	128	128	128	128	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	2480	49.6	
(Townly) Darrell Campbell & Martha Sipe	780196 – 780199	KLF	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	2355	47.1	
Ted Jacobs 937-2202	780176 – 179	Mitchel Glen	151.2	151.2	151.2	151.2	151.2	151.2	151.2	151.2	151.2	151.2	64	64	64	64	64	64	64	64	64	64								

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WATER RESOURCES

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August 2012	Water District 78C 2012 Water Season								1895																					
NAME OF OWNER	IDENT. NO.	DITCH	8-01	8-02	8-03	8-04	8-05	8-06	8-07	8-08	8-09	8-10	8-11	8-12	8-13	8-14	8-15	8-16	8-17	8-18	8-19	8-20	8-21	8-22	8-23	8-24	8-25	8-26	8-27	8-28
Alvin (Corky) Krigbaum	780243-780248	SE	74.4	74.4	74.4	74.4	74.4	74.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
Paulette Miller (Don) 3110	780174+780242	SE & Irick																												
Dick Clay (2356)		Circle C & Clay Drydon																												
Dean Dryden (2445)		Circle C & Clay Drydon																												
Dick Clay (2356)	780155+780156	Clay Freeman	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
Dean Dryden		Clay Freeman																												
Rod Johnson 642-9488	780215-780217	Jennings	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	
Gary Swift 2242	780216-780217	Jennings	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	
Barbara Bush 3523	780217-780217	Jennings	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	
Dale James 4481	780218-780217	Jennings	1.8	1.8	1.8	1.8	1.8	1.8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Thorton	780219-780217	Jennings	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
Ed Raney ^{ZZZ} (mike 2258)	780216+780217	Jennings	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	
Ed Raney	780255+780227	Jennings	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	
Irma Keska Estate (sean) 2573	78...	Cal-White																												
Jack Hubbard	780183+780184	Abshire/Moore	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	
Dan Hearn 2247	780206+780182	Abshire/Moore	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
Cal White Group	-+	Cal-White	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	
C+M Lumber	+	Looney	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	
Cruikshank	-----	Looney or KLF	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	
Inoz Morris & Tanakerby 2520,2115	780228-780209-212	Estabrook/Bryden	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
Purl Fritschle	780258	Estabrook/Bryden	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
Dale Smith 2148	780210-780211	Estabrook/Bryden	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	
Charles Farrell Est & Carolyn	780200-780201	Becker	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	
May Wilson & Alice Pangmon	780171+780172	Clay Freeman/Wilson Bros.	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
JA Wilson Est. (Marion, Million marsha)	780171 + 780172	Wilson Bros.	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
Harry Johnson Est.	780163	Shepard Smith	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
Farrell Est. (K)	780164 + 780170	Shepard Smith	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
Farrell Est. (K)	780168 – 780170	Shepard Smith	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
Darrell Campbell 224	780166 + 780167	Shepard Smith	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116													

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August 2012	Water District 78C 2012 Water Season						(TOTAL / 50)
							TOTAL INCHES
NAME OF OWNER	IDENT. NO.	DITCH	8-29	8-30	8-31	TOTAL	24 HOUR SEC
Alvin (Corky) Krigbaum	780243-780248	SE	45.6	45.6	45.6	1586.4	31.73
Paulette Miller (Don) 3110	780174+780242	SE & Irick				0	0
Dick Clay (2356)		Circle C & Clay Drydon				0	0
Dean Dryden (2445)		Circle C & Clay Drydon				0	0
Dick Clay (2356)	780155+780156	Clay Freeman	45.6	45.6	45.6	1413.6	28.27
Dean Dryden		Clay Freeman				0	0
Rod Johnson 642-9488	780215-780217	Jennings	16.1	16.1	16.1	499.1	9.98
Gary Swift 2242	780216-780217	Jennings	10.56	10.56	10.56	327.36	6.55
Barbara Bush 3523	780217-780217	Jennings	2.85	2.85	2.85	88.35	1.77
Dale James 4481	780218-780217	Jennings	1	1	1	35.8	0.72
Thorton	780219-780217	Jennings	2.1	2.1	2.1	65.1	1.3
Ed Raney ^{****} (mike 2258)	780216+780217	Jennings	23.39	23.39	23.39	725.09	14.5
Ed Raney	780255+780227	Jennings	112	112	112	3472	69.44
Irma Keska Estate (sean) 2573	78...	Cal-White				0	0
Jack Hubbard	780183+780184	Abshire/Moore	9.6	9.6	9.6	297.6	5.95
Dan Hearn 2247	780206+780182	Abshire/Moore	72.4	72.4	72.4	2244.4	44.89
Cal White Group	-+	Cal-White	19.2	19.2	19.2	595.2	11.9
C+M Lumber	+	Looney	15.84	15.84	15.84	491.04	9.82
Cruikshank	-----	Looney or KLF	32.16	32.16	32.16	996.96	19.94
Inoz Morris & Tanakerby 2520,2115	780228-780209-212	Estabrook/Bryden	74.4	74.4	74.4	2306.4	46.13
Purl Fritschle	780258	Estabrook/Bryden	4.5	4.5	4.5	139.5	2.79
Dale Smith 2148	780210-780211	Estabrook/Bryden	0.62	0.62	0.62	19.22	0.38
Charles Farrell Est & Carolyn	780200-780201	Becker	27.2	27.2	27.2	843.2	16.86
May Wilson & Alice Pangmon	780171+780172	Clay Freeman/Wilson Bros.	15	15	15	465	9.3
JA Wilson Est. (Marion, Million marsha)	780171 + 780172	Wilson Bros.	93.8	93.8	93.8	2907.8	58.16
Harry Johnson Est.	780163	Shepard Smith	67.2	67.2	67.2	2083.2	41.66
Farrell Est. (K)	780164 + 780170	Shepard Smith	68.8	68.8	68.8	2132.8	42.66
Farrell Est. (K)	780168 – 780170	Shepard Smith	40	40	40	1240	24.8
Darrell Campbell 224	780166 + 780167	Shepard Smith	116	116	116	3596	71.92
Farrell Est. (K) FC	780185 – 188	Becker	59	59	59	1829	36.58
Charles & Mary Farrell	780189 – 780195	Becker	72	72	72	2280	45.6
(Townly) Darrell Campbell & Martha Sipe	780196 – 780199	KLF	40	40	40	1480	29.6
Ted Jacobs 937-2202	780176 – 179	Mitchel Glen				384	7.68
JD Thorpe Rod 642-9488	780180 – 181	Mitchel Glen				374.4	7.49
Dean Dryden	780232 – 780233	Circle C				0	0
Mark Butler Robin 2119	780236 – 780231	Circle C				0	0
Osborne Ranch (Eddie) 2364	780234 – 780235	Circle C				0	0
HPJ Partners	780249 – 252	Sewell Creek	52.8	52.8	52.8	1636.8	32.74
Branstetter Ranch 2364	780240	Circle C				0	0
Osborne Ranch	500 Flood Water	Circle C				0	0
Steve Campbell 2467	500 Flood Water	Circle C				0	0
Darrell Campbell	782039	Circle C				0	0
Rollie Branstetter	782040	Circle C				0	0
Branstetter Ranch 2364	782037	Circle C				0	0
May Wilson	*500	Wilson Bros.				0	0
George Whitney	782056	SE				0	0
Marion Yanee	Permit # 17884	Circle C				0	0

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September 2012	Water District 78C 2012 Water Season																							(TOTAL / 50)
NAME OF OWNER	IDENTIFICATION NO.	DITCH	9-01	9-02	9-03	9-04	9-05	9-06	9-07	9-08	9-09	9-10	9-11	9-12	9-13	9-14	9-15	9-16	9-17	9-18	9-19	9-20	TOTAL	TOTAL INCHES
																								24 HOUR SEC
Alvin (Corky) Krigbaum	780243-780248	SE	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	912	18.24
Paulette Miller (Don) 3110	780174+780242	SE & Irick																					0	0
Dick Clay (2356)		Circle C & Clay Drydon																					0	0
Dean Dryden (2445)		Circle C & Clay Drydon																					0	0
Dick Clay (2356)	780155+780156	Clay Freeman	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	912	18.24
Dean Dryden		Clay Freeman																					0	0
Rod Johnson 642-9488	780215-780217	Jennings	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	322	6.44
Gary Swift 2242	780216-780217	Jennings	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	10.56	211.2	4.22
Barbara Bush 3523	780217-780217	Jennings	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	57	1.14
Dale James 4481	780218-780217	Jennings	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	0.4
Thorton	780219-780217	Jennings	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	42	0.84
Ed Raney ^{xxxx} (mike 2258)	780216+780217	Jennings	23.39	23.39	23.39	23.39	S	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	23.39	444.41	8.89
Ed Raney	780255+780227	Jennings	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	2240	44.8
ma Keska Estate (sean) 2573	78...	Cal-White																					0	0
Jack Hubbard	780183+780184	Abshire/Moore	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	192	3.84
Dan Hearn 2247	780206+780182	Abshire/Moore	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	1448	28.96
Cal White Group	+	Cal-White	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	384	7.68
C+M Lumber	+	Looney	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	316.8	6.34
Cruikshank	-----	Looney or KLF	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	32.16	643.2	12.86
Inoz Morris & Tanakerby 2520,2115	780228-780209-212	Estabrook/Bryden	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	1488	29.76
Purl Fritschle	780258	Estabrook/Bryden	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	90	1.8
Dale Smith 2148	780210-780211	Estabrook/Bryden	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	12.4	0.25
Charles Farrell Est & Carolyn	780200-780201	Becker	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	544	10.88
May Wilson & Alice Pangmon	780171+780172	Clay Freeman/Wilson Bros.	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	300	6
JA Wilson Est. (Marion, Million marsha)	780171 + 780172	Wilson Bros.	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	1876	37.52
Harry Johnson Est.	780163	Shepard Smith	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	1344	26.88
Farrell Est. (K)	780164 + 780170	Shepard Smith	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	1376	27.52
Farrell Est. (K)	780168 - 780170	Shepard Smith	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	800	16
Darrell Campbell 224	780166 + 780167	Shepard Smith	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	2320	46.4
Farrell Est. (K) FC	780185 - 188	Becker	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	1180	23.6
Charles & Mary Farrell	780189 - 780195	Becker	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	1440	28.8
(Townly) Darrell Campbell & Martha Sipe	780196 - 780199	KLF	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	800	16
ed Jacobs 937-2202	780176 - 179	Mitchel Glen																					0	0
JD Thorpe Rod 642-9488	780180 - 181	Mitchel Glen																					0	0
Dean Dryden	780232 - 780233	Circle C																					0	0
Mark Butler Robin 2119	780236 - 780231	Circle C																					0	0
Osborne Ranch (Eddie) 2364	780234 - 780235	Circle C																					0	0
HPJ Partners	780249 - 252	Sewell Creek	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	1056	21.12
Branstetter Ranch 2364	780240	Circle C																					0	0
Osborne Ranch	500 Flood Water	Circle C																					0	0
Steve Campbell 2467	500 Flood Water	Circle C																					0	0
Darrell Campbell	782039	Circle C																					0	0
Rollie Branstetter	782040	Circle C																					0	0
Branstetter Ranch 2364	782037	Circle C																					0	0
May Wilson	*500	Wilson Bros.																					0	0
George Whitney	782056	SE																					0	0
Marion Yanee	Permit # 17884	Circle C																					0	0

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Grand Totals

NAME OF OWNER	Water District 78C 2012 Water Season		GRAND	(TOTAL / 50)	Total Inches	Total 24-hour Sec ft.
	IDENTIFICATION NO.	DITCH	TOTAL	GRAND TOTAL in 24-hour Sec		
Alvin (Corky) Krigbaum	780243-780248	SE	4713.8	94.28	105837.93	2116.76
Paulette Miller (Don) 3110	780174+780242	SE & Irick	100.8	2.02		
Dick Clay (2356)		Circle C & Clay Drydon	865	17.3		
Dean Dryden (2445)		Circle C & Clay Drydon	1112	22.24		
Dick Clay (2356)	780155+780156	Clay Freeman	3485.6	69.71		
Dean Dryden		Clay Freeman	395.2	7.9		
Rod Johnson 642-9488	780215-780217	Jennings	1265	25.3		
Gary Swift 2242	780216-780217	Jennings	829.2	16.58		
Barbara Bush 3523	780217-780217	Jennings	223.5	4.47		
Dale James 4481	780218-780217	Jennings	105.18	2.1		
Thorton	780219-780217	Jennings	165	3.3		
Ed Raney ^{xxxx} (mike 2258)	780216+780217	Jennings	1813.53	36.27		
Ed Raney	780255+780227	Jennings	8512	170.24		
Irma Keska Estate (sean) 2573	78...	Cal-White	116.8	2.34		
Jack Hubbard	780183+780184	Abshire/Moore	768	15.36		
Dan Hearn 2247	780206+780182	Abshire/Moore	5822.4	116.45		
Cal White Group	+	Cal-White	1459.2	29.18		
C+M Lumber	+	Looney	1445.44	28.91		
Cruikshank	-----	Looney or KLF	2950.56	59.01		
Inoz Morris & Tanakerby 2520,2115	780228-780209-212	Estabrook/Bryden	5842.2	116.84		
Purl Fritschle	780258	Estabrook/Bryden	342	6.84		
Dale Smith 2148	780210-780211	Estabrook/Bryden	53.92	1.08		
Charles Farrell Est & Carolyn	780200-780201	Becker	2067.2	41.34		
May Wilson & Alice Pangmon	780171+780172	Clay Freeman/Wilson Bros.	1255	25.1		
JA Wilson Est. (Marion, Million marsha)	780171 + 780172	Wilson Bros.	7128.8	142.58		
Harry Johnson Est.	780163	Shepard Smith	5107.2	102.14		
Farrell Est. (K)	780164 + 780170	Shepard Smith	5388.8	107.78		
Farrell Est. (K)	780168 - 780170	Shepard Smith	3792	75.84		
Darrell Campbell 224	780166 + 780167	Shepard Smith	8816	176.32		
Farrell Est. (K) FC	780185 - 188	Becker	4484	89.68		
Charles & Mary Farrell	780189 - 780195	Becker	6200	124		
(Townly) Darrell Campbell & Martha Sipe	780196 - 780199	KLF	4635	92.7		
Ted Jacobs 937-2202	780176 - 179	Mitchel Glen	2856	57.12		
JD Thorpe Rod 642-9488	780180 - 181	Mitchel Glen	1934.4	38.69		
Dean Dryden	780232 - 780233	Circle C	99.9	2		
Mark Butler Robin 2119	780236 - 780231	Circle C	989.1	19.78		
Osborne Ranch (Eddie) 2364	780234 - 780235	Circle C	924	18.48		
HPJ Partners	780249 - 252	Sewell Creek	4279.2	85.58		
Branstetter Ranch 2364	780240	Circle C	240	4.8		
Osborne Ranch	500 Flood Water	Circle C	855	17.1		
Steve Campbell 2467	500 Flood Water	Circle C	534	10.68		
Darrell Campbell	782039	Circle C	150	3		
Rollie Branstetter	782040	Circle C	300	6		
Branstetter Ranch 2364	782037	Circle C	120	2.4		
May Wilson	*500	Wilson Bros.	225	4.5		
George Whitney	782056	SE	960	19.2		
Marion Yanee	Permit # 17884	Circle C	111	2.22		



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Web Site: www.idwr.idaho.gov

March 30, 2012

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

MR. KENNETH N. NEELY
IDWR STATE OFFICE

RE: Watermaster Appointment 2012— Stewart Gulch #63S

Dear Mr. Neely:

Enclosed is your Watermaster Certificate of Appointment for the 2012 season.

You will take charge of the water of the district and distribute the same in accordance with the laws of Idaho and decrees of the courts. Distribution shall be in accordance with the terms and conditions of the user's respective rights, and as may be required by the Department of Water Resources. You should note that the enclosed Certificate of Appointment authorizes delivery of natural flow and also stored water pursuant to Section 42-801, Idaho Code.

During the 2011 session, the legislature made several significant changes to the Watermaster Statutes in Chapter 6. In summary the following changes were made:

- Under IC42-605, new watermasters will continue to file an oath of office with the Department. However, a duly appointed watermaster that is reelected in consecutive years will no longer be required to file additional oaths each year.
- Under IC 42-608, a wateruser no longer is required to submit a written Petition for Watermaster Services to the Department when calling the Watermaster. The wateruser now calls the watermaster directly when there is a necessity for control and distribution of water within the district.
- Under 42-615, the watermaster no longer have to submit the district proposed budget to the Department. They are to prepare a proposed budget 14 days in advance of the annual meeting. The proposed budget and distribution should be submitted at the annual meeting for consideration by the water users.

These changes definitely will eliminate significant paper work and time for all parties. Feel free to contact our Western Regional Office if you need assistance during the irrigation season, phone 334-2190.

Sincerely,

Richard Sommer For:

John Westra,
Western Region

Enclosures: Certificate of Appointment

SCANNED
JUN 01 2015

Music, Vicky

From: Neely, Ken
Sent: Friday, March 02, 2012 8:38 AM
To: Honsinger Charlie ; Ed Squires; Music, Vicky
Subject: Whitehead annual usage calculation

Hi Everyone,

I went back and looked at the Whitehead field data, and thought I should qualify my calculations a little bit.

First of all, I don't visit the well on every field trip to the District. In 2010, I visited it on Sept 22 and Oct 8, which allows for a pretty confident estimate for the end of the water year on Sept 30. However, in 2011, I did field visits on July 15 and Oct 13. So my Sept 30th estimate of the totalizer reading has less confidence. Based on the calculations for the Sept 30 dates in 2010 and 2011, my estimate for their usage in water year 2011 is 5,053,293 gallons (13,844 daily average) (I rounded it to 5.1 million gallons for the report).

But it may not be quite that much because I don't know when the Johnsons start taking water. They don't take water in the summer as indicated by the 0 discharge on July 15, and through a conversation I had with Mr. Johnson a number of years ago. I played with the numbers a little bit, using the flow rates observed on July 15 and Oct 13. Bottom line is that I think the Whitehead well withdrawal for WY11 was in the range of 4.87 mgal to 5.05 mgal (average daily amounts of 13,350 gal to 13,845 gal).

Another aspect of this is that the daily usage in the heating months may be considerably higher than 13,000 gallons. If the average daily usage over a year is over 13,000, and we assume that the summer daily usage is maybe 4,000-5,000 gallons, then the daily winter usage must be considerably higher than 13,000 in order to attain the average of 13,350-13,845 over a year. The combined flow rates for the two meters on Feb 4, 2011, Oct 13, 2011, and Jan 7, 2012 were 12.2 gpm, 13 gpm, and 12.4 gpm. If the well discharges at those rates the whole day, the withdrawals on those days would be 17,568 gal, 18,720 gal, and 17,856. Of course, we don't know for sure if those rates were constant throughout the entire 24 hour time period.

Ken

Kenneth W. Neely, Technical Hydrogeologist
Idaho Department of Water Resources
Phone: 208-287-4852
Fax: 208-287-6700
Statewide Program Website:
<http://www.idwr.idaho.gov/WaterInformation/GWQuality/default.htm>
Geothermal Website:
http://www.idwr.idaho.gov/WaterInformation/GeothermalResources/geo_default.htm

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MAR 23 2015

3/1/12

WD 63-S marketing notes / VLM

present:

Mary R

Rose R

Dave H

Ken Welby

VLM

Charlie H

Joe T.

Ed S.

Garnett E.

Erin Edwards

Flinda T.

Garnett calls to order

Officers elected/appointed:

Ryans - SEC

Joe T - Chairman

minutes read & approved as written

members agree to 1 vote/member unless tie.

15 hrs

Ken: \$14⁵.92 Bill & Budget

Dave H - overpaid last year.

Ken n made mistakes in billing -

Treds report D.H.

Ken proposes to do mads quarterly + Oct = ⁴ ≈ 5 visits ^{early} so bill will decrease. Proposes 15 hours.

WIP 63-5 notes/vcm

P. 2 3

Ed's hydrographs - handed out
1st - hydrographs virtually overlaps
p 2 - shows wells track very closely
p 3 - well pressures

Ed agrees - ~~to~~ reporting for all wells (Tues well only?)
P ↓ WM site visits -
Ken - says will still monitor all wells but ↑ OK - meet w/BFBWM

Budget approved.

Ed makes mtn that he will do summary of data to submit to the BFBWMA to change monitoring plan to Tues well only - - PASSED.

Ken - ~~and~~ WM 2012 winter year
DIT - Tues

need for Advisory Committee?

Old Business

JOE T - area of drilling concern.

" mtn for Adv Com Exr "

" / passed. JOE, Dave committee

▽ WM report - corrected
QH (only well - hard calculation

WD 63-S notes/VLM

p. 3 of 3

no great change in winddowns, etc...

airflow stable - good!

~~the~~ water level is small Δ - good!

Wintehed well - 13,932 / bpd \approx 13k limit

WD to white water to Dave ~~11241k~~

Charlie H. will draft letter - mtn / passed

meeting @ RHCC on 3/7/13 @ 1:30 pm.

Adj.

#

Notes from the Annual Meeting of State Water District 63-S Stewart Gulch on March 1, 2012

Quail Hollow Clubhouse

Meeting called to order at 1:37 p.m.

Present:

Joe Terteling, Flinda Terteling, Ed Squires, Charles Honsinger, Dave Hendrickson, Ken Neely, Vicky Music, Garnette Edwards, Erin Monnie, Mary Ryan, & Rose Ryan

Minutes:

Minutes of March 2011 meeting were read and approved as submitted.

Election of Officers from March 1, 2012 thru March 7, 2013.

Joe Terteling—Chairperson
Ken Neely—Watermaster
Rose Ryan—Secretary
Dave Hendrickson—Treasurer
All Officers were approved.

Treasurer's Report/Budget:

Dave presented the treasurer's report: \$627.81 in the account as of Jan. 31st, 2012, all money collected and bills paid. Ken presented his bill from March 4, 2011 to Feb. 29, 2012. This is up a little from last year because of an error on how much time he actually spent as watermaster. Ken's bill is for 27 hours (he spends 3 hours per round and takes readings 9 times during the billing period). A motion was made and passed that Water District 63-S has adequate data and we will reduce our monitoring. A motion was made and passed to reduce Ken's hours from 27 to 15 and he will be paid \$800.00. Ken plans to visit quarterly (March 1st, June 1st, September 1st, & December 1st plus October 1st which is the end of the

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MAR 23 2015

water year).

New Business:

Ed presented TTCI well graphs on aquifer pressures/water levels from 2002 thru 2011. This data collection is costly and shows the same data each year. Ed suggested monitoring only the Tiegs well for TTCI.

Old Business:

We discussed the Area of Drilling Concern. Ed talked about small wells and replacement wells pulling from the geothermal aquifer. We would like to know the affect they have on the aquifer. We discussed the need for 63-S to develop a proposal with problems, cases, and concerns we have and then present them to IDWR to consider (send to Tim Neace and cc to Tom Luke). A motion was made and passed that we form an advisory committee for Area of Drilling Concern. The committee will be made up of Garnette, Joe, and Dave. They will have a telephone meeting the first work day of every month at 10:00 a.m.

Watermaster's Report:

Ken reported that water levels are increasing because production is flat. Ken discussed the Whitehead well use is up 20% and he has no idea why. They are allotted 13,000 gallons per day and they are using 13,972 gallons per day. The Whitehead well has no gauge on the flow system and the well is not shut in. Ken uses his own gauges when getting readings on the well. We talked about is there a problem developing and what is the operating pressure of the Whitehead well? We made a motion and passed that Charles Honsinger would send David Niznik a friendly letter with information about well use and an invitation to attend our annual meeting next March. This letter would be signed by our Chairperson, Joe. Ed will join Ken when he visits the wells in June (he will let Garnette know what date they will be there).

Next meeting is set for 1:30 p.m. March 7, 2013 at Quail Hollow Clubhouse. Secretary will call Dave in January (IDWR will send the secretary a form to fill out) to confirm date. Minutes for this meeting will be sent out within 30 days.

Meeting adjourned 2:40 p.m.

Respectfully submitted—Mary & Rose Ryan

Neighborhood area are presented in the following table.
Table 3-14-1. Geothermal Wells located within the Collister Neighborhood

Geo Well ID	Well Identification	Use	Well Depth (Ft)	Discharge Temp (°F)	Discharge Flow (gpm)	Year Constr
Stewart Gulch Area						
295	Terteling Hot Spring	Stockwater	N/A	106	10	--
296	Terteling Motorcycle Club		725	75	--	1978
297	Terteling Well #1	Space heating, residential	620	125	--	1994
1714	Terteling Pool Well	Space heating, residential	595	110	--	1947
1712	Terteling Wind Sock Well	Irrigation	600	109	--	1968
1710	Quail Hollow Golf Course Well #1	Irrigation	595	110	--	1947
1693	Quail Hollow Golf Course Well #2	Irrigation	600	109	--	1968
301	Hillside Junior High	No information	--	--	--	--
1696	Flora Co Well #1 (Tiegs)	Space heating, greenhouse	1240	108	--	1927
1697	Flora Co Well #2 (House)	Space heating, commercial	1200	113	--	1921
1698	Flora Co Well #3 (Shed)	Space heating, commercial	1220	109	--	1927
302	Wayne Church Well	Domestic, well is on west side of Whitehead (at 3907 Whitehead?)	49	70	--	--
1703	Whitehead Well #1	Domestic, residential space heating. Well is on west side of Whitehead (at 3911 Whitehead?)	1420	114	--	1921
1704	Edwards Greenhouse Well	Space heating, commercial	1195	118	400	1926
1705	Far West Nursery (Charlie Hartman) Well	Commercial. Well is located on north side of State St. between Bloom and Ellen's Ferry (5728 W. State Street)	1500	71	--	1967
Polecat Gulch Area						
293	Jess Donaho Well	--	899	97	10	--
289	E. Van Hendricks Well	--	690	69	15	1973
288	Scott Baird Well #1	Domestic	510	79	--	1967
287	Scott Baird Well #2	Domestic	525	80	--	1968
Unnamed Gulch (Plano Rd)						
290	William Galloway Well	Domestic	230	77	--	--
292	Ed Genther Well	Domestic	256	79	30	--
Pierce Park Gulch Area						
1716	Knudson Well	Well is at low point of Pierce Park Gulch.	1240	90	300	1965
1717	Joe Barnes Well #1	--	1680	105	73	1969
282	Joe Barnes Well #2	Stockwater	525	80	--	1968
285	Ground Water Well	Well is at top of drainage above Esterbrook Road	--	73	--	--
286	Bendt and Sandra Johnson Well	Domestic. Well is at top of drainage above Esterbrook Road.	660	74	--	1982
2780	Ground Water Well	Well is near bottom of Esterbrook Rd drainage.	625	81	--	1993
283	Normun & Mailer Well	Domestic. Well is just south of Pierce Park Ln, just west of intersection with Cartwright.	460	73	--	--
284	Ground Water Well	Well is near top of drainage above Cartwright Road.	900	103	--	--
1906	Vergil Gallegos Well	Domestic. Well is just north of intersection of Cartwright Road and Pierce Park Ln.	640	75	25	1988

Source: Idaho Department of Water Resources 2003b gpm = gallons per minute
 Drainage locations were estimated based on interactive map locations.

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We talked about "Area of drilling concern". Ken will have a member of well construction staff from IDWR address this at the 2011 meeting. We discussed and approved that 63-S will take steps to develop an area of drilling concern for our ground water district. We want to know about preventing new wells from being drilled in our water district. Ed stated that there are other wells in this aquifer which are getting geothermal water, and are not being reported as such to Water Resources. When they are old, the well may be redrilled, and take more geothermal water, and no reports made. Depletes our water table.

SCANNED

MAR 23 2015

State of Idaho

Department of Water Resources

322 E Front St, PO Box 83720, Boise, ID 83720-0098

Phone: (208)287-4800 Fax: (208)287-6700 Website: <http://www.idwr.idaho.gov>

February 8, 2012

WD63S

VICKI MUSIC

KEN NEELY

JOHN WESTRA

Dear Water User:

Notice is hereby given, that pursuant to law, the regular annual meeting for adoption of a budget and election of a water master for Water District 63S, Stewart Gulch, is scheduled for the time and location listed below.

Day & Date: THURSDAY, MARCH 1, 2012
Time: 1:30 P.M.

Location: QUAIL HOLLOW GOLF COURSE
4520 N 36TH ST
BOISE ID

Change of address or ownership forms can be obtained at the following link:
<http://www.idwr.idaho.gov/RulesStatutesForms/WaterRights/WaterRightForms.htm>

Most Water District Documents from 1994 can now be viewed on our public website at the following link:
<http://www.idwr.idaho.gov/WaterManagement/WaterDistricts/default.htm>

Individual Water Right documents can be viewed at the following link:
<http://www.idwr.idaho.gov/WaterManagement/WaterRights/>

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Notes from the Annual Meeting of State Water District 63-S Stewart Gulch on
March 3, 2011

Quail Hollow Clubhouse

Meeting called to order at 1:40 p.m.

Present:

Joe Terteling, Ed Squires, Charles Honsinger, Dave Hendrickson, Ken Neely, Vicky
Music, Mary Ryan, & Rose Ryan

Minutes:

Minutes of March 2010 meeting were read and approved as submitted. We did
discuss and agreed that we vote as outlined by the IDWR.

Election of Officers from March 4, 2011 thru March 1, 2012.

Garnette Edwards—Chairperson

Ken Neely—Watermaster

Mary Ryan—Secretary

Dave Hendrickson—Treasurer

All Officers were approved.

Treasurer's Report/Budget:

Dave presented treasurer's report: \$617.59 in the account as of Jan. 3, 2011, all
money collected and bills paid. Ken presented his bill from March 1, 2010 to Feb.
28, 2011 for \$1,072.70. This is down a little lower than last year because he has
only been going out once a month. Budget for \$1,300.00 was approved for next
year.

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MAR 23 2015

Watermaster's Report:

Ken handed out his annual Watermaster's Report and noted that withdrawals from the geothermal aquifer were up a little from the previous year. He also said that water levels were up a little, too. Ken discussed the need for meters to be calibrated this year and we tabled this until next year's meeting. Ken and Ed Squires discussed setting up site visits on wells (this was last done about 10 years ago on the Edwards, Quail Hollow, & Terteling wells). These site visits will include checking the measuring points on the wells and insuring the monitoring equipment is working properly. As a courtesy, Ken had inquired twice with Dana Hofstetter as to whether it would be acceptable to Edwards for Ed Squires to accompany Ken on his monitoring rounds to the Edwards Greenhouse well. Dana declined the first request because the final recommendations were not yet completed in the SRBA. At Ed's request, Ken inquired a second time, after the SRBA recommendations were out, but Dana would not allow Ed to visit Edwards' well. Because Garnette Monie and Dana Hofstetter were not in attendance at the District meeting, this issue could not be discussed further.

Old Business:

Ed explained that the data from years of continuous monitoring of the TTCI 36th Street wells resulted in hydrographs that are virtually mirror images of each other and Ken agreed with this. Ed suggested we could look at dropping some the redundant measurements to save time and money for the Watermaster and to eliminate his having to open and crawl down into subterranean vaults to get the readings. Ed said the TTCI would be putting together a proposal to that effect.

Next meeting is set for 1:30 p.m., March 1, 2012 at Quail Hollow Clubhouse.

Secretary will call Dave in January (the IDWR will send the secretary a form to fill out) to confirm date. Minutes for this meeting will be sent out within 30 days.

Meeting adjourned 1:57 p.m.

Respectfully submitted—Rose & Mary Ryan