

Jane Farwell - Cachuma RDEIR comment letter from CVWD

From: Charles Hamilton <Charles@cvwd.net>
To: "JFarwell@waterboards.ca.gov" <JFarwell@waterboards.ca.gov>
Date: 5/16/2011 3:11 PM
Subject: Cachuma RDEIR comment letter from CVWD
CC: Norma Rosales <Norma@cvwd.net>, Robert McDonald <Bob@cvwd.net>
Attachments: Farwell051611.doc

Ms. Jane Farwell
Division of Water Rights
SWRCB
PO Box 2000
Sacramento, CA 95812-2000

Dear Ms. Farwell,

Please find the attached comment letter from Carpinteria Valley Water District relative to the Cachuma RDEIR to be submitted by fax.

Regards, Charles



Carpinteria Valley Water District

1301 Santa Ynez Avenue • Carpinteria, CA 93013
Phone (805) 684-2816 • Fax (805) 684-3170

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DIV. OF WATER RIGHTS

GENERAL MANAGER

Charles B. Hamilton

May 16, 2011

Ms. Jane Farwell
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812-2000

Dear Ms. Farwell,

Thank you for the opportunity to comment on the Second Revised Draft Environmental Impact Report related to the Cachuma Reservoir as set forth in Mr. Charles L. Lindsay's letter of April 1, 2011.

Following are comments and information relative to Section 4.3, pertaining to the Carpinteria Valley Water District:

Section 4.3.1.1 (Carpinteria Valley Water District statistics)

Population Served (estimate):	15,694	2010
Service Connections:	4,283	March 2011
Water:	4,164	
Fire:	119	
Service area:	11,280 acres	
Open Space:	5,230 acres	
Agriculture:	3,400 acres	
Residential:	1,160 acres	
Commercial, Industrial, Institutional:	700 acres	
Source of Supply:	Cachuma (allocation):	2,813 AF / year
	Groundwater (pumping capacity) ¹ :	2,422 AF / year
	State Water (allocation) ² :	2,200 AF / year
Water Use:	Cachuma (10-year average):	3,100 AF / year
	Groundwater (7-year average):	1,150 AF / year
	State Water ³ (7-year average):	140 AF / year
	State Water ⁴ (7-year average):	350 AF / year

¹ Various wells with a 50% duty factor

² Includes 200 AF drought buffer

³ Deliveries to CVWD service area only

⁴ Exchange with ID#1

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Water Sales: 7-year average: 4,120 AF / year
 M&I (7-year average): 2,160 AF / year
 Irrigation (7-year average): 1,960 AF / year

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Table 4-10 (Water Supply and Demand)

No comments.

Table 4-15 Water Deliveries

The table below represents all sources of supply and differs from the table in the draft EIR.

Carpinteria Valley Water District Water Sales (in acre feet) 1982 - 2010								DIFFERENCE
	Residential	Commercial	Irrigation	Public Authority	Industrial	TOTAL	DRAFT EIR	TOTAL - DEIR
1982-83	1,251	636	2,406	122	159	4,574		
1983-84	1,358	680	2,829	109	150	5,127		
1984-85	1,360	739	2,991	133	162	5,385		
1985-86	1,432	737	2,663	136	150	5,118		
1986-87	1,545	763	3,116	136	149	5,708		
1987-88	1,624	769	3,102	146	156	5,797		
1988-89	1,506	773	3,395	135	153	5,961		
1989-90	1,584	830	3,825	134	150	6,522	6,398	124
1990-91	1,129	600	2,864	97	108	4,798	4,768	30
1991-92	1,162	598	2,057	101	109	4,028	4,028	0
1992-93	1,357	648	2,123	107	120	4,354	4,330	24
1993-94	1,388	672	2,198	115	134	4,508	4,331	177
1994-95	1,383	704	2,075	122	133	4,416	4,470	-54
1995-96	1,367	728	2,077	106	125	4,403	4,413	-10
1996-97	1,798	400	2,193	159	138	4,689	4,688	1
1997-98	1,577	350	1,708	121	124	3,880	3,880	0
1998-99	1,699	381	2,080	144	139	4,443	4,443	0
1999-00	1,768	399	2,255	123	128	4,673	4,672	1
2000-01	1,642	378	1,796	116	121	4,053		
2001-02	1,683	400	2,036	124	126	4,369		
2002-03	1,642	397	1,877	127	136	4,178		
2003-04	1,705	408	2,144	144	133	4,535		
2004-05	1,594	380	1,869	123	125	4,090		
2005-06	1,477	362	1,821	117	119	3,897		
2006-07	1,599	407	2,226	138	125	4,495		
2007-08	1,613	398	2,210	162	120	4,502		
2008-09	1,507	369	1,967	145	110	4,099		
2009-10	1,452	349	1,796	149	79	3,825		
source: CVWD records								
Averages							Reported	Sum
1982-2010	1,507	545	2,346	128	131	4,658	4,201	292
1989-2000	1,474	574	2,314	121	128	4,610	Actual	%
2000-2010	1,591	385	1,974	134	119	4,204	4,584	6%

The Draft EIR differs by ~6% over the 1990-91 to 1999-2000 period (292 ÷ 4,610).

Tables 4-19 (Demand) and 4-20 (Supplies in Critical Drought)

No comments for **Table 4-19**. Line 6 in **Table 4-20** should read as follows:

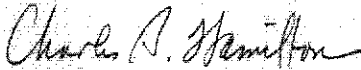
“6. Surplus (Line 4 - Line 5).”

Table 4-25b (Non-Cachuma sources during 3-year drought)

The local groundwater value of 8,400 Afy presented for CVWD is incorrect. The correct number is 2,442 Afy of production of groundwater from District wells, i.e. non-Cachuma sources during a 3-year drought. **Table 4-25b** appears to include a mix of single and 3-year totals.

Please contact me if you have any questions.

Sincerely,



Charles B. Hamilton
General Manager

CC: Norma Rosales, Assistant General Manager
Bob McDonald, District Engineer