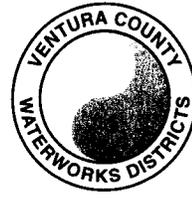


VENTURA COUNTY WATERWORKS DISTRICTS



COUNTY OF VENTURA
PUBLIC WORKS AGENCY
RONALD C. COONS
Agency Director

Representing: Ventura County Waterworks Districts No. 1, 16, 17, and 19

Water & Sanitation Department

R. Reddy Pakala
Director

Anne Dana
Administration

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Operations

Cefe Munoz
Engineering

January 10, 2007

Mr. David Todd
Water Use Efficiency and Transfer
California Department of Water Resources
PO Box 942836
Sacramento, CA 94236-0001

Subject: 2005 Urban Water Management Plan Amendment Letter
Ventura County Waterworks District No. 1

Dear Mr. Todd:

In response to the comments received from your Department on the 2005 Urban Water Management Plan (UWMP), the Ventura County Waterworks District No. 1 (District) is pleased to submit this response letter. The Resolution of the Board of Supervisors Adopting Amended 2005 Urban Water Management Plan was approved January 9, 2007, and is attached for your file.

1. Regarding "Table 8 Supply Reliability" and "Table 9 Basis for Water Year Data"

Comment: *Need to address. I did not see where this was being addressed.*

Response: INSERT at end of Section 4.3 of 2005 UWMP.

The District's supply reliability and basis for water year data is similar to that established by MWD and CMWD, which is appropriate since only the District's imported supply varies for drought conditions, and is summarized in Table A-1 below.

**Table A-1
District Supply Reliability and Basis for Water Year Data**

	Average Water Year	Single Dry Water Year	Multi-Dry Year 1	Multi-Dry Year 2	Multi-Dry Year 3	Multi-Dry Year 4
Total Supply	13,717	3,787	12,970	9,730	9,484	NA
Basis for Water Year	2005	1977	1990	1991	1992	NA



2. Regarding “Table 12 Past, Current, and Projected Water Deliveries”

Comment: *Need 2000 amounts.*

Response: INSERT number of accounts for the year 2000 (see Table A-2 below) in Table 3-3 and total water demand (see Table A-2) for the year 2000 in Table 3-4 of Section 3.3 of the 2005 UWMP.

**Table A-2
Number of Accounts and Water Demand for 2000**

Water Use Sector	Accounts	Water Demand
Residential (single- and multi-family)	8,331	5,954
Commercial	178	788
Industrial	91	329
Institutional	121	1,105
Agricultural	169	3,136
Construction	0	1
Others (Fire and Hydrant use)	197	314
Total	9,087	11,627

3. Regarding “Table 13 Sales to Other Agencies”

Comment: *Need to address.*

Response: INSERT at end of Section 2.2.2 of 2005 UWMP

The District is a retail agency and as such does not sell water to any other agency.

4. Regarding “District is a CUWCC Signatory”

Comment: *Did not see 2003 annual updates.*

Response: INSERT 2003 Annual BMP Activity Reports as Appendix M of the 2005 UWMP. District’s 2003 Annual BMP Activity Report is provided as Attachment A-1 to this letter.

5. Regarding “Table 20 Wholesaler identified and quantified existing and planned sources of water”

Comment: *Need to address.*

Response: INSERT the following prior to Table 2-6 in Section 2.1.2 of the 2005 UWMP.

A summary of CMWD’s water supplies is summarized in Table A-3 below.

**Table A-3
Summary of CMWD Projected Supply**

Wholesaler Supply	2010	2015	2020	2025	2030
Potable Groundwater	25,306	25,941	26,117	18,744	23,883
Desalinated Brackish Groundwater	16,050	19,775	20,500	28,700	28,950
Reclaimed Wastewater	8,871	13,081	17,280	21,483	21,656
Untreated Surface Water	2,703	3,409	4,115	5,190	6,265
Non-potable Groundwater	7,649	8,135	8,656	8,797	8,976
Imported from MWD	124,800	128,900	136,500	141,900	147,200

Additionally, CMWD is projecting to supply the District with its full requested water demand projection. This projected demand is summarized in Tables 2-6, 2-7, and 2-8 of the 2005 UWMP.

6. Regarding “Table 21 Wholesaler Supply Reliability”

Comment: *Need to address.*

Response: INSERT prior to Table 2-5 of Section 2.1.2 of the 2005 UWMP, and modify Table 2-5 title to “Wholesaler Water Reliability to District Service Area”.

CMWD’s supply reliability (defined as percent of the normal water year) is summarized in Table A-4 below. This information is based on the CMWD 2005 UWMP for the year 2010.

**Table A-4
CMWD Overall Supply Reliability**

Wholesaler Source	Single Dry Year (1)	Multiple Dry Years (1)
Total Local	98%	100%
Total Imported	108%	113%
Grand Total	105%	109%

Source: CMWD 2005 UWMP.
(1) Percent of normal water year.

7. Regarding “Table 24 Three-Year Minimum Water Supply”

Comment: *Need Normal Supply Amounts.*

Response: INSERT at end of text prior to Table 6-1 in Section 6.1 of the 2005 UWMP

Normal water year supply estimates are equivalent to those provided for Year 2010 in Table 4-1 “Normal Year Supply and Demand Comparison”.

8. Regarding “Table 25 Preparation Actions for Catastrophe”

Comment: *Need to address Regional Power Outage.*

Response: INSERT new subsection entitled “Regional Power Outage”, prior to existing Section 6.5 “Stages of Action” in Section 6 of the 2005 UWMP.

In the event of a regional power outage the District would follow the procedures outlined in their Emergency Procedures Manual (EMP) Section VII. The District’s EMP identifies various levels of emergencies and provides examples of actions for a number of given emergencies, including power failure. Standby generators are available at each of the District’s well and pump station sites to maintain operation should an interruption of power occur. Section IX of the EPM lists all of the stationary and mobile generators located at the various District facilities, with model numbers, kilowatt rating, and fuel tank capacity. In addition, the District would implement the procedures outlined in the Water Shortage Contingency Plan (see Appendix J) which includes actions for any event which results in loss of supply.

9. Regarding “Wastewater System Description”

Comment: *Need to address.*

Response: INSERT after first sentence in Section 2.1.3 of the 2005 UWMP.

The District manages wastewater collection and treatment for the City of Moorpark and unincorporated areas within the District’s boundaries. The collection system consists of four lift stations and approximately 105 miles of pipe varying in size from 4-inches to 33-inches in diameter.

10. Regarding “Table 38 Methods to Encourage Recycled Water Use” and Optimization Plan

Comment: *Need to address.*

Response: INSERT at end of Section 2.1.3 of the 2005 UWMP.

Recycled water is available at a charge less than the current potable water charge (90 percent for municipal and industrial users and 85 percent for agricultural users), thereby encouraging large irrigation water users to consider the use of recycled water. It is anticipated that this financial incentive will encourage the use of 2,016 AFY of recycled water, since the rate will apply to the entire recycled water supply.

Additional methods to encourage the use of recycled water are as follows:

1. Recycled water will be available upon demand.
2. Recycled water will be supplemented with other water sources if recycled water demand exceeds recycled water supply.
3. District will be responsible for the construction of the recycled water mains, pump stations, service connections, and meters. The consumer will be responsible for on-site retrofits only.
4. District will provide ongoing technical assistance to recycled water consumers at no additional cost.
5. District will continue to educate the public on the safety and availability of recycled water.

Feasibility of a recycled water system was first evaluated in a 1990 “Feasibility Study” prepared for the District and further defined in a 2006 “Supplemental Engineering Report.” The 2006 report updated the phased approach for implementation of the recycled water system outlined in the 1990 report.

11. Regarding “Review of Implementation of 2000 UWMP”

Comment: *Did not see where this is being discussed.*

Response: INSERT new subsection “Review of the District’s 2000 UWMP” prior to Section 1.5 “List of Abbreviations” of the 2005 UWMP.

The District’s 2000 UWMP listed three sources of water for 2005 through 2020. Total water supplies were estimated to be 13,549 AF and 17,520 AF, respectively. The 2005 UWMP includes the addition of two water sources, South Las Posas Desalter and recycled water from Simi Valley. Total water supplies were estimated to be 14,703 AF and 19,406 AF, respectively. These additional sources of water decrease the District’s dependence on imported SWP water

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thereby improving its water supply reliability. Water demand estimates for 2005 were slightly lower in the 2005 UWMP than predicted in the 2000 UWMP (12,933 AF compared to 13,549 AF). However, the 2020 water demand estimates for the 2005 UWMP is slightly higher than projected in the 2000 UWMP (18,227 AF compared to 17,520 AF). These differences were mainly attributed to changes in the annual consumption rates by water sector. A review of the Demand Management Measures (DMMs) outlined in the 2000 UWMP indicated that the District's actions were consistent with those of the 2000 UWMP. The District submits annual CUWCC reports every year as required. Although the District offers the survey, retrofit, and audit programs, no audits or retrofits were requested for this reporting year.

12. Regarding Groundwater Management Plan

Comment: *Need to attach ground water management plan.*

Response: INSERT new Appendix L - Fox Canyon Groundwater Management Agency, Public Review Draft Groundwater Management Plan in the 2005 UWMP. Groundwater Management Plan provided as Attachment A-2 to this letter.

INSERT new sentence at end of Section 2.1.1.3 of the 2005 UWMP.

The Fox Canyon Groundwater Management Agency recently released a Public Review Draft of the Groundwater Management Plan dated October 2006. A copy of this Plan is provided in Appendix L.

Please contact me if you have additional questions regarding the District's UWMP.

Very truly yours,



Reddy Pakala, Director
Water and Sanitation Department

Enclosures:

Attachment 1: 2003 CUWCC Annual Reports

Attachment 2: Groundwater Management Plan, Fox Canyon Groundwater Management Agency,
Public Review Draft.

Attachment 3: Resolution of the Board of Supervisors Adopting Amended 2005 Urban Water Management Plan

cc: Sergio Fierro, CA DWR
Brad Milner, Kennedy/Jenks