

Rosamond Community Services District

Engineer's Report

December 9, 2009

Edited By: Dennis D. LaMoreaux
Assistant General Manager/District Engineer

Water Supplies

The following table will be used for calculating the District's change in water usage from a base year ending on May 31, 2008. This was chosen due to the Governor's drought declaration in June, 2008. The current amount of customer water savings is 17.7%. The District's water production is currently 90% groundwater, 10% purchased AVEK water, and is 533 acre-feet less than this time last year.

An initial estimate of the District's status with the new water conservation bill (SBX7 7) is also included in the attached table. The District's monthly number of active water services is not readily available to accurately calculate the historic per capita water usage. However, information from the 2005 Urban Water Management Plan and the 1995 AV Water Resource Study provided estimates for the years 1993, 2000, and 2004. Based on these, the District is at a 12.6% reduction. The law requires a 10% reduction by 2015 and a 20% reduction by 2020.

Engineering Projects

1. Wells 10 and 11 – The District is reissuing a proposal to Capital Pacific for two well sites. The District is also pursuing other options for additional groundwater production sites.
2. RCSD Server Replacement / Upgrade Project – The project is complete and operational. STA is providing final documentation and information to Dennis Ronning.
3. Rosamond Regional CDPH Arsenic Compliance Project – The District received notice that the application was complete on May 14, 2009. However, the State cannot market the Prop. 84 bonds that will fund the project at this time due to the State's current financial condition. This will be revisited in January, 2010. The State has recently decided to issue planning and design grants. The District will pursue any related possibilities to help complete this project.
4. West Park School Fields – Staff is working with the SKUSD to develop plans for two softball fields, two practice softball fields, a soccer field, and a restroom/concession stand at the site. Sprinturf has provided a turnkey proposal for the work. The financing options are being reviewed and discussed by staff and the appropriate committees.
5. Semitropic-Rosamond Water Bank – District staff is working with representatives and consultants of the Authority and AVEK to move forward with facilities needed to continue developing the Antelope Valley unit of the bank and utilize the recent Federal grant award.
6. Recycled Water Planning – The District has worked with RMC to complete a Phase 1 Recycled Water Plan and is ready to continue the planning process. Due to the potential use of recycled water for several solar projects, the scope of the next planning study will be revised. This work will begin after there is more certainty with the solar demands.

12-Month Running Average Comparisons & Base Year Comparison for Drought Thermometers

Ending Month	Total AF Produced/Purchased				Average Active Connections				Gallons per Person per Day*			
	Current	Prior	% Change	% Change from Base Year	Current	Prior	% Change	% Change from Base Year	Current***	Prior	% Change	% Change from Base Year**
May, 2008 (Base Year)	3,844	-	-	-	4,539	-	-	-	189	-	-	-
SBX7 7 20% Goal (Method: 10 yr. aver. Ending 12/31/04)	2,924								178			
November, 2008	3,747	3,736	0.3	-	4,522	4,491	0.7	-	185	186	-0.4	-
December, 2008	3,751	3,739	0.3	-	4,519	4,502	0.4	-	185	185	0.0	-
2009												
January	3,676	3,794	-3.1	-	4,519	4,516	0.1	-	182	188	-3.2	-
February	3,577	3,875	-7.7	-	4,522	4,524	0.0	-	177	191	-7.7	-
March	3,554	3,838	-7.4	-	4,520	4,532	-0.3	-	176	189	-7.2	-
April	3,499	3,828	-8.6	-9.0	4,520	4,539	-0.4	-0.4	173	188	-8.2	-8.6
May	3,409	3,844	-11.3	-11.3	4,527	4,539	-0.3	-0.3	168	189	-11.1	-11.1
June	3,411	3,817	-10.6	-11.3	4,541	4,535	0.1	0.0	168	188	-10.7	-11.3
July	3,450	3,739	-7.7	-10.2	4,555	4,531	0.5	0.4	169	184	-8.2	-10.6
August	3,365	3,694	-8.9	-12.5	4,567	4,529	0.8	0.6	164	182	-9.7	-13.0
September	3,312	3,769	-12.1	-13.9	4,584	4,526	1.3	1.0	161	186	-13.2	-14.7
October	3,283	3,776	-13.1	-14.6	4,600	4,524	1.7	1.3	159	186	-14.5	-15.7
November	3,218	3,747	-14.1	-16.3	4,619	4,522	2.2	1.8	156	185	-15.9	-17.7
												-12.6

(Est. based on SBX7 7)

*Based on 4 people per connection from 2005 Urban Water Management Plan

** Percentage Used for Drought Thermometers

***10 yr. per capita estimated based on 171 (1993), 194 (2000), AND 170 (2004)