Merced Integrated Regional Water Management Implementation Grant Proposal

Appendix 7-8

Planada 2011 and 2012 Water Use Data

Planada Community Services District
EMERGENCY DROUGHT ASSISTANCE WATER USE EFFICIENCY GRANT
WATER SAVINGS CALCULATIONS, ACTUAL AND POTENTIAL
JANUARY 2013

WATER SAVINGS :

	2011 Average Monthly Usage (last 6 months)			2012 Average Monthly Usage (last 6 months)		
	Beg Rdg	End Rdg*	Total Use, Gal	Beg Rdg	End Rdg*	Total Use, Gal
Meter Reading	0	37,191,617	37,191,618	0	35,536,567	35,536,567
Average Net Use, Month			**37,191,618**			**35,536,567**

Actual Change in Water Use, Gal	-1,655,051	
Actual Change in Water Use, %	-4.45%	
Estimated Annual Change in Water Use, GAL	**-19,860,612**	**-61 Acre Feet**
Water Savings over 20-year project life, GAL	**-397,212,240**	**-1,219 Acre Feet**

*Note that the first 8 months of the year 2012 were the hottest ever recorded in the continental United States.

*Note that in year 2011 there were (970) service accounts; in year 2012 there were (1029) service accounts.

*Meters have only been installed in approximately 2/3 of the community of Planada; consequently, a volumetric water rate has not been implemented or adopted; any water savings after the 5-Aug-12 reading may be attributed to District water conservation outreach and the resulting more sophisticated water use practices by District consumers.

*Note that, starting with 5-Aug-12 reading, there has been a gradual decrease in the average usage per connection consumption.