



Antelope Valley Integrated Regional Water Management (IRWM) Plan

Antelope Valley BIA General Membership Meeting

July 18, 2006

Cascades Restaurant - Rancho Vista Golf Course
(3905 Club Rancho Rd., Palmdale)

Antelope Valley Region



Antelope Valley IRWM Plan Goals

- Improve regional competitiveness for future state and federal grant funding.
 - Under Prop 50 Chapter 8 Round 2, there is \$215 million that will become available in 2007.
 - The Caves initiative (Prop 84), which will be on the November '06 ballot, will earmark \$1 billion for IRWM projects.

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Antelope Valley IRWM Plan Goals (cont.)

- Develop a comprehensive plan to meet the Antelope Valley's future water supply and reliability by evaluating opportunities for:
 - Water banking and conjunctive use
 - Water recycling
 - Water conservation
 - Water quality protection and improvement
 - Storm water capture and management
 - Flood management
 - Groundwater management
 - Recreation and public access
 - Environmental and habitat protection and improvement

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Antelope Valley IRWM Plan Goals (cont.)

- Foster coordination, collaboration, and communication among Antelope Valley water agencies and interested stakeholders to reach consensus on IRWMP projects.

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IRWM Stakeholders Involvement

- Invited Stakeholders:
 - State Water Project Contractors
 - Retail Water Purveyors
 - Local Jurisdictions / Land-Use Planning Agencies
 - Regulatory Agencies / State Agencies
 - Environmental Community
 - Building Industry
 - Agricultural / Farm Industry
 - Wastewater Agency
 - Others
 - U.S. Borax
 - Edwards Air Force Base
 - Mutual Water Companies

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Antelope Valley Regional Water Management Group

- Regional Water Management Group (RWMG) formation is needed
 - To adopt the IRWM Plan
 - To submit future grant applications
- Agencies that have expressed interest in joining the Antelope Valley RWMG
 - Los Angeles County Waterworks District No. 40
 - Antelope Valley-East Kern Water Agency
 - Palmdale Water District
 - Quartz Hill Water District
 - Littlerock Creek Irrigation District
 - City of Palmdale
 - City of Lancaster
 - County Sanitation District Nos. 14 and 20
 - Los Angeles County Farm Bureau

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Current Status

- The first stakeholder meeting was held in May 2006. Stakeholders will continue to meet for approximately a year.
- A website (www.avwaterplan.org) for the IRWM Plan development has been developed.
- A Regional Water Management Group will soon be formed with interested stakeholders.
- The first IRWM Plan draft is tentatively scheduled for Spring 2007.
- Kennedy/Jenks Consultants will prepare the Plan.

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Water Supply Objectives

- Improve water supply reliability by
 - Banking surplus State Water Project water in groundwater basins;
 - Protecting the quality of the Antelope Valley groundwater basin; and
 - Protecting the Antelope Valley groundwater basin from overdraft.

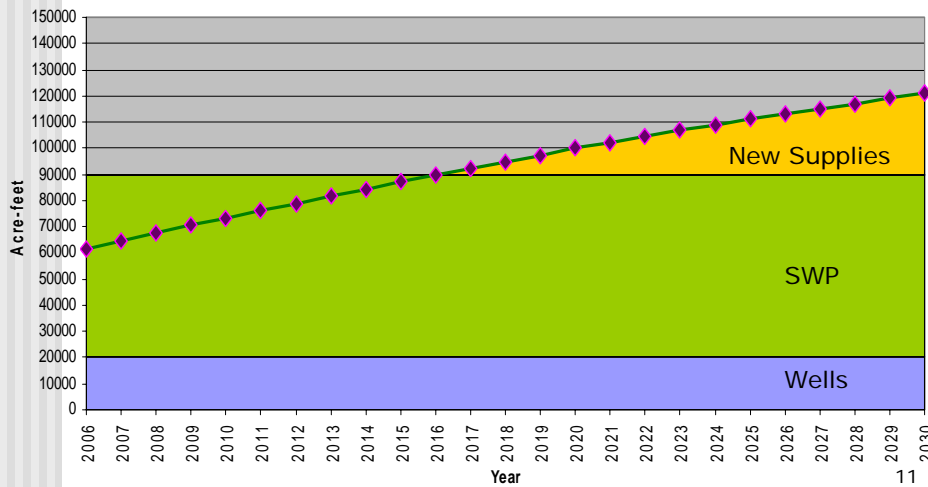
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Water Supply Objectives (cont.)

- Increase water supply sufficiency by:
 - Purchasing additional entitlement and pursuing other opportunities such as water transfers;
 - Developing recycled water use program;
 - Encouraging water conservation and use of drought-tolerant plants; and
 - Participating in innovative water supply projects such as desalination.

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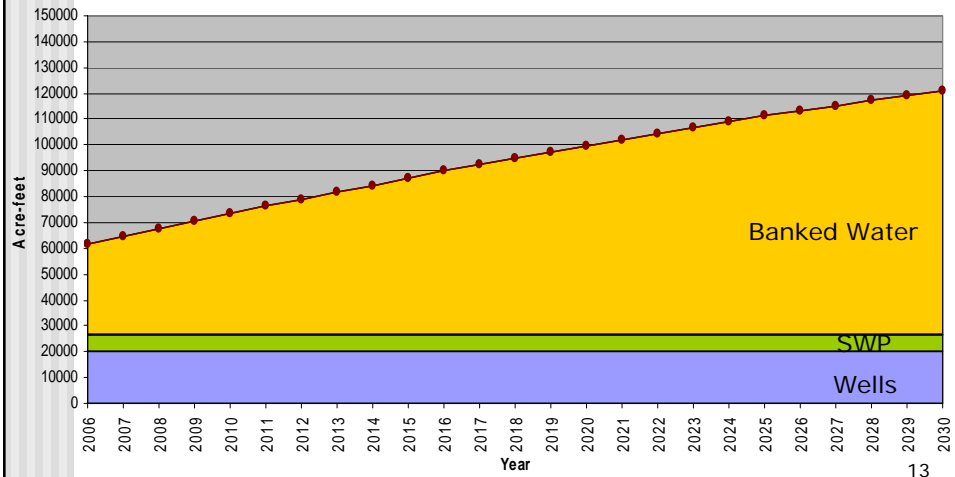
Projected Water Supply during Normal Water Years



Increase Water Supply Sufficiency

- SCAG estimates a population growth rate of 3% per year through 2030 in the Antelope Valley.
- Based on these projections, the District's available water supply during normal water years will exceed demand by 2016.
- New water supply must be acquired and additional treatment capacity will be needed by 2016.

Water Supply and Demand during Single Dry Year



Q & A

