



Antelope Valley Integrated Regional Water Management (IRWM) Plan

4th Stakeholder Meeting

**August 30, 2006, 9 am – 11:30 am
City of Palmdale – Larry Chimbole Cultural Center**

Agenda

- Welcome, Introductions, Meeting Objectives and Agenda (Ariki)
- Recap of the July Meeting (Ariki)
- Rosamond Community Services District—North Antelope Valley Perspective for IRWM Plan (Neufeld and Seal)
- Quartz Hill Water District's Vision for the Antelope Valley IRWM Plan (Meraz)
- Los Angeles County Waterworks District No. 40's Vision for the Antelope Valley IRWM Plan (Pedersen)

Agenda (cont.)

- Q&A
- Break
- Review of the Final MOU for the Regional Water Management Group and Update on the Status of Participation (Pedersen)
- Discussion of Revised Scope of Work and Schedule (Kim)
- Opportunities for Professional Facilitation (Kirby)
- Next Meeting (Ariki)

Meeting Objectives

- Provide a brief recap of the 3rd stakeholder meeting for any new stakeholders.
- Understand the issues, needs, challenges and/or vision of various stakeholders for the future water resources management in the Antelope Valley.
- Review the final MOU for the Regional Water Management Group and provide an update on the status of participation.
- Review the revised scope of work and schedule for the Antelope Valley IRWM Plan.

Current Status

- We have completed 3 stakeholder meetings. Stakeholders will continue to meet for approximately a year.
- A website (www.avwaterplan.org) for the IRWM Plan has been developed.
- A Regional Water Management Group has tentatively been formed including TEN agencies.
- The scope, budget, and schedule for the Plan development is in the final stage of completion.
- Kennedy/Jenks Consultants will prepare the Plan.
- The first IRWM Plan draft is tentatively scheduled for Summer 2007.

Rosamond Community Services District— North Antelope Valley— Perspective for IRWM Plan

Bob Neufeld &
Claud Seal

**Quartz Hill Water
District's Vision for the
Antelope Valley
IRWM Plan**

Dave Meraz

**Los Angeles County
Waterworks District No.
40's Vision for the
Antelope Valley IRWM
Plan**

Dave Pedersen

Q & A



Key Changes to MOU

- Added definitions of FINAL PLAN and ADOPTED PLAN.
- Explained that excess funds would be refunded.
- Specified the term of the MOU (20 years).
- Added Rosamond Community Services Districts and the Antelope Valley State Water Contractors Association.
- Added a sample resolution for the adoption of the Plan.

Antelope Valley Regional Water Management Group

- Los Angeles County Waterworks Dist. No. 40
(Recommendation to Board for approval of \$60,000 in Sept.)
- Antelope Valley-East Kern Water Agency
(Recommendation to Board for approval on 8/29)
- Palmdale Water District
(Board's approval of \$60,000 on 8/23)
- Quartz Hill Water District
(Recommendation to Board for approval of \$5,000 on 9/14)
- Littlerock Creek Irrigation District
(Board's approval of \$5,000 on 8/23)

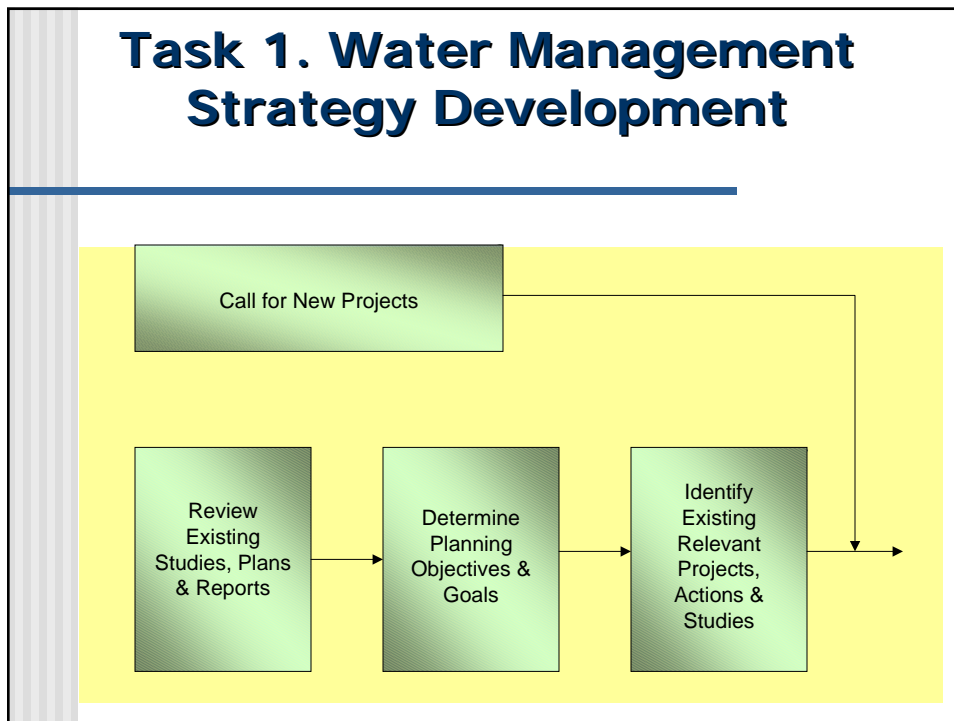
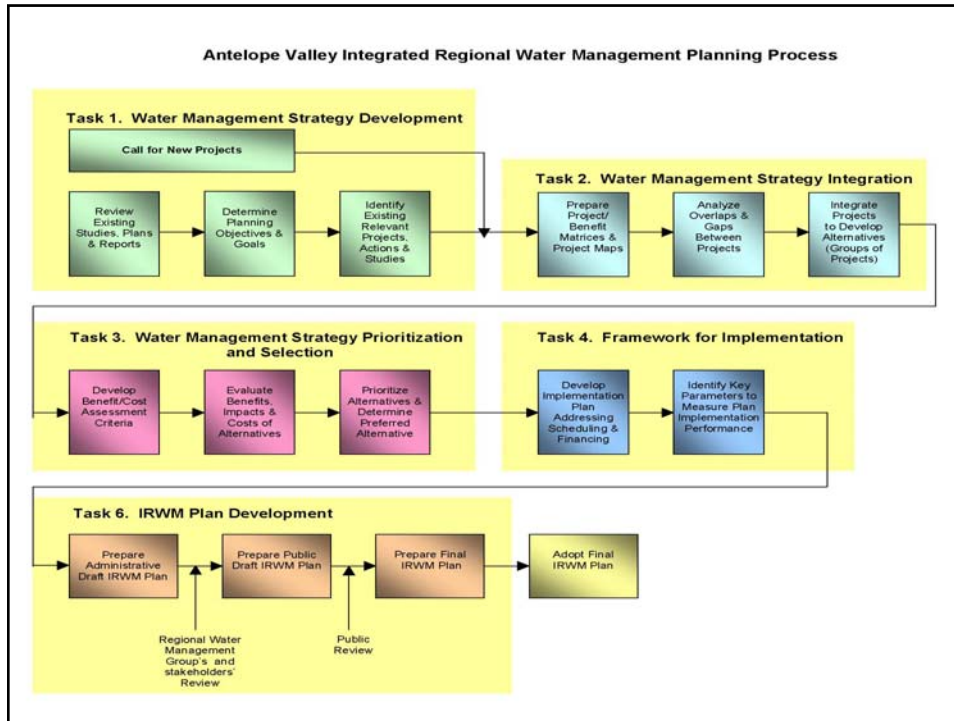
Antelope Valley Regional Water Management Group (cont.)

- City of Palmdale
(City Council's approval of \$50,000 on 8/2)
- City of Lancaster
(Recommendation to City Council for approval on 9/26)
- Los Angeles County Sanitation Dist. No. 14 & 20
(Recommendation to Board for approval on 9/27)
- Rosamond Community Services District
(Board's approval of \$5,000 on 8/23)
- Antelope Valley State Water Contractors Association

Final Draft Scope of Work & Plan Development Schedule

Key Changes to Final Draft SOW

- Added detailed technical approaches to be taken on the major tasks.
- Clearly specified deliverables for each task.
- Combined the water management strategies described by the Prop 50 IRWM Grant Program Guidelines into five water management strategy areas.
- Added definitions for key terms.



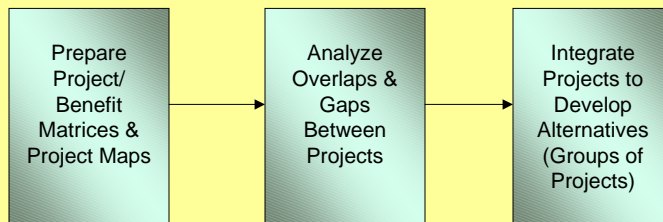
**ANTELOPE VALLEY REGION
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION**

Note: This one page project identification short form gathers the minimum amount of information required to submit a project for consideration in the IRWMP. More information may be required at a later date.

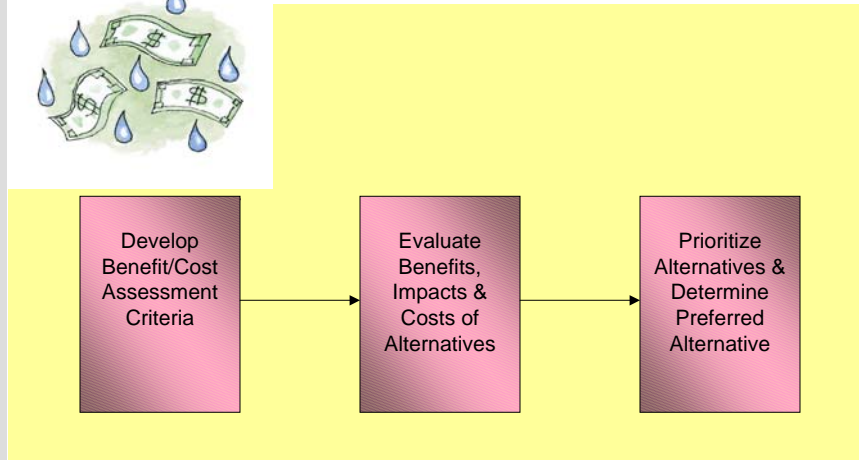
General Information	
Project Name: Amargosa Creek Recharge and Channelization Project	
Project Sponsor(s): City of Palmdale	
Project Website (if available): None	
Project Point of Contact: Leon E. Swain, Director of Public Works	
Phone: (661) 267-5300	Fax: (661) 267-5322
Email: lswain@cityofpalmdale.org	
Project Description, Location & Benefits	
Project Description <small>(1-2 sentences)</small>	This project will increase the Antelope Valley's water supply, increase the amount of protected natural habitat and provide improved flood prevention within the Amargosa Creek watershed. Proposed improvements include: Expanding the size and capacity of the spreading ground of the natural recharge area, developing and preserving an ephemeral stream habitat; and channelization of the Amargosa creek (soft bottom) and providing a grade separation at 20 th Street West over the Amargosa Creek.
Project Integration <small>(Describe how your project does or could integrate with other projects in the region)</small>	This project will integrate with the construction of the 20 th Street West bridge over the Amargosa Creek, the Channelization of Amargosa Creek between 25 th Street West and 20 th Street West, and the natural habitat preservation, and with existing upstream and downstream Amargosa Creek improvements.
Project Source <small>(City plan(s) to which project belongs (e.g. Urban Water Management Plans, Watershed Master Plans)</small>	1) Final Report - Study of Potential Recharge Sites in the Antelope Valley prepared for Antelope Valley State Water Contractors Association (AVSWCA) in September 2002; 2) City of Palmdale Capital Improvement Plan; and 3) City of Palmdale Master Plan of Drainage
Location	Descriptive: Description of property location, or address, geographic location, etc. if available. Latitude/Longitude: Please list latitude/longitude by entering a US address or attachment at http://www.google.com
	Project is within the Amargosa Creek, located between 25 th Street West and 20 th Street West, an ephemeral blue line creek. Project Latitude: N 34 ° 36' 31.2" Project Longitude: W 118 ° 9' 54.2"
Project Benefits <small>(Check appropriate boxes)</small>	<input checked="" type="checkbox"/> Water Supply → New Supply Created <i>To be Determined APY</i> <input type="checkbox"/> Water Quality → Volume Treated _____ mgd <input checked="" type="checkbox"/> Public Access, Open Space, Habitat, Recreation → approx. 15 acres created/restored <input checked="" type="checkbox"/> Flood Management → Area Protected approx. 20 acres <input type="checkbox"/> Other → (Describe X amount of benefit) _____
Estimated Capital Cost	<input type="checkbox"/> <\$100K <input type="checkbox"/> \$100K to \$1M <input checked="" type="checkbox"/> \$1M to \$10M <input type="checkbox"/> \$10M+
Status	<input checked="" type="checkbox"/> Conceptual <input checked="" type="checkbox"/> In-Design <input type="checkbox"/> Ready for Construction <input type="checkbox"/> CEQA Complete
Year of Implementation <small>(Single date for start of construction, implementation, etc.)</small>	Design to be completed in 2007; ready for construction in Fiscal Year 2007-2008

Email form and questions to tjkim@ladpw.org

Task 2. Water Management Strategy Integration



Task 3. Water Management Strategy Prioritization and Selection



Economic Valuation Model for Watershed Management Techniques

Project Name:

Location:

Description:

Number of Acres

Estimate of capital costs (land acquisition, design, construction, etc.)

Estimates of annual operations and maintenance costs once project is completed

Duration of Analysis Period (Number of Years)

Discount Rate

Water Conservation and Water Quality Improvements

Habitat/Wetland/Open Space Protection or Enhancement

Recreation/Education

Flood Control

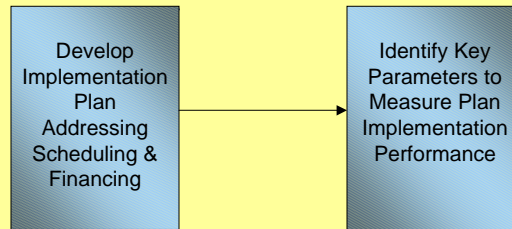
Other Environmental Improvements

Annual Update Variables

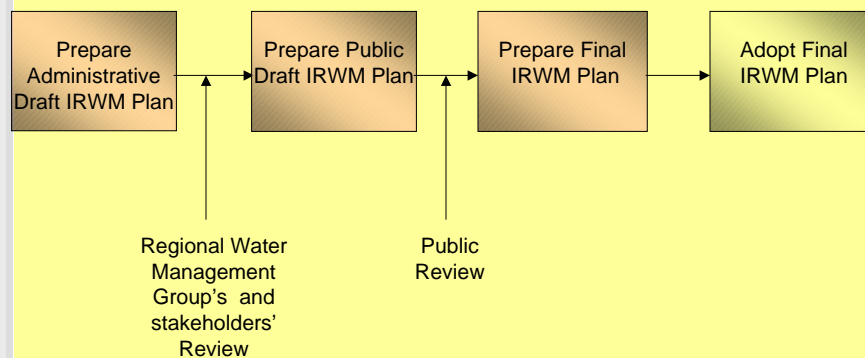
Net Annual Benefit

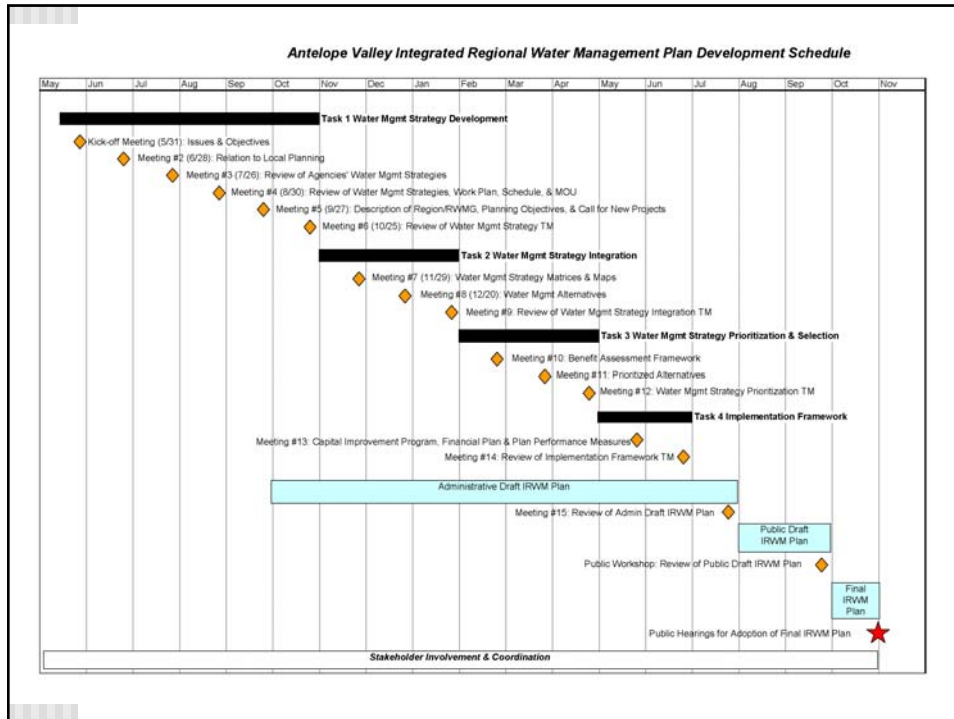
Benefit/Cost Ratio

Task 4. Framework for Implementation



Task 6. IRWM Plan Development





Next Meeting