

# ANTELOPE VALLEY IRWM PLAN

8<sup>th</sup> Stakeholder Meeting  
January 31, 2007

# MEETING OBJECTIVES

- ✓ Discuss recent developments in Propositions 50 (Chapter 8, Round 2), 84, and 1E grant administration
- ✓ Discuss notice, resolution, & public hearings to prepare IRWM / AB 3030 Plan
- ✓ Provide update on public outreach subcommittee activities
- ✓ Discuss level of agreement for Sections 1 and 2
- ✓ Present summary of Section 3
- ✓ Develop Plan Objectives
- ✓ Discuss call for projects

# NEWS & DEVELOPMENTS

- ✓ Current status of MOU
- ✓ Received information about potential change in Proposition 50 Round 2

# PROP 50 ROUND 2

- ✓ DWR & State Water Board have conducted two scoping meetings to develop future guidelines for IRWM grant program administration
- ✓ They are considering awarding up to \$163 million in Proposition 50, Round 2 funds to unfunded applicants from Round 1
- ✓ This will have a major impact on the Antelope Valley Region by reducing the total funds we can compete for under Proposition 50 from \$196.2 million to \$33.3 million

# Our Recommendations

- ✓ Allocate \$196.2 million in the remaining Proposition 50, Chapter 8, IRWM program funds to the Round 2 funding cycle
- ✓ Maintain the competitive nature of the IRWM grant programs as intended by the Legislature by not awarding funds from the Proposition 50, Round 2 funding cycle to unfunded Round 1 applicants

# Our Recommendations

- ✓ Administer IRWM grant program funds for Propositions 50 (Round 2), 84, and 1E together with a single application process
- ✓ Direct a portion of the Proposition 50, Round 2 funds to planning grants to encourage Regions to initiate the IRWM process or to improve their IRWM plans

# NOTICE

## California Water Code requirements to prepare an IRWM/AB 3030 Plan

- Publish a notice of intention
- Hold three public hearings
  - Rosamond
  - Lancaster?
  - Los Angeles
- Adopt a resolution of intention

# SUBCOMMITTEE

## ✓ **Public outreach update...**

- **Formation & Participants**
- **Mission Statement:** “To establish and implement a coordinated public outreach effort for the Antelope Valley IRWM Plan aimed at identifying all remaining stakeholders and general public on the purpose and process of the IRWM Plan, and garnering input and support for the adoption and implementation of the Plan and its components.”
- **Meeting Minutes**
- **Action Items**
  - **Press Release**
  - **Generic Powerpoint Presentation**
- **Next Meeting...**

## ✓ **ALL are welcome to participate**





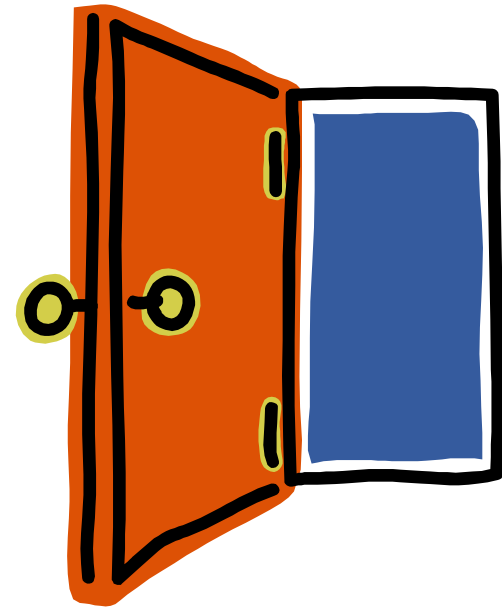
# STEPS TO COLLABORATION

1. Adopt **SMART** goals for the process
2. Create a **safe** space for interaction
3. Establish a **clear** course of action
4. Demonstrate tangible **progress**
5. Iterate until group is satisfied



# CODE OF CONDUCT

- ✓ **Be willing**
  - Participate fully
- ✓ **Be kind**
  - Treat others with dignity and respect
- ✓ **Be open**
  - Consider new ideas and perspectives
- ✓ **Be truthful**
  - Share accurate facts about my situation



# CHECK IN

Are there questions from last meeting?



# PRESENTING CONTENT

- ✓ Transmit new **draft** one week before meeting
- ✓ Present highlights and **gauge agreement on major items at meeting**
- ✓ Receive written **comments** one week after meeting
- ✓ **Revise** draft materials and distribute them one week before next meeting
- ✓ Discuss comments received and **changes** at next meeting
- ✓ **Repeat** until sufficient agreement
- ✓ Agree to include content in **final** report unless reason to revisit emerges later

# PLAN CONTENT

- ✓ Received few comments on revised Sections 1 & 2
- ✓ See comment matrix
- ✓ Level of agreement?



# MORE CONTENT



- ✓ Distributed draft Section 3 that describes issues and needs
- ✓ Distributed outline of Section 4 that describes Plan Objectives
- ✓ Please review and comment by Wednesday, **February 7th**

# SECTION 3

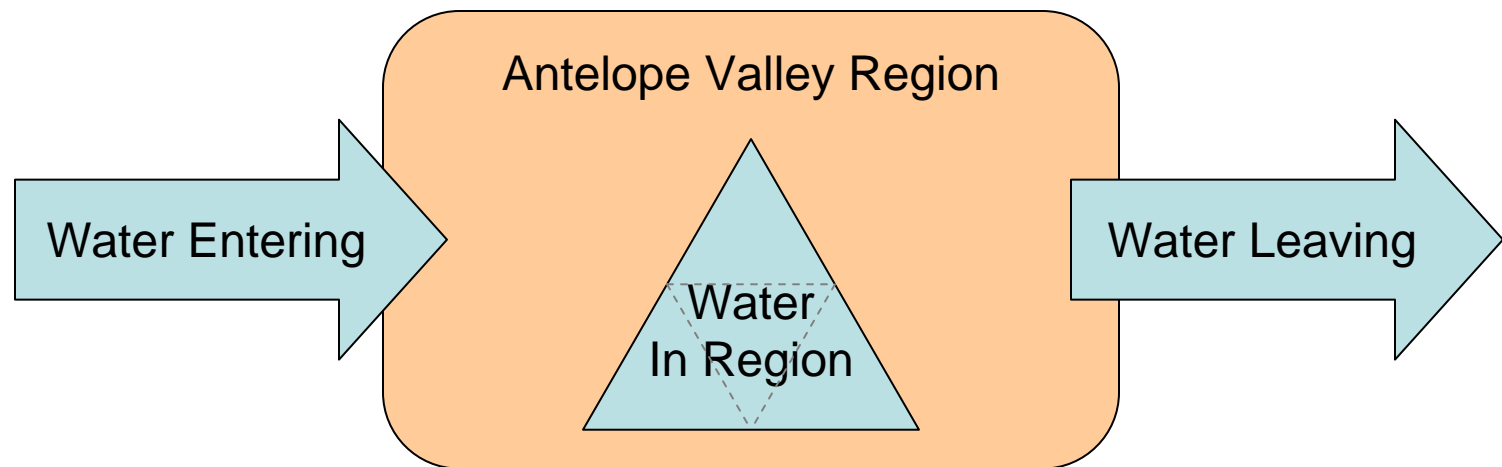
## Issues and Needs

- ✓ Identifies the issues, needs, challenges, and priorities for the Region
- ✓ Includes an assessment of:
  - Water Supply Management
    - Includes supply & demand analysis
  - Water Quality Management
  - Flood Management
  - Environmental Management
  - Land Use Management

# WATER BUDGET

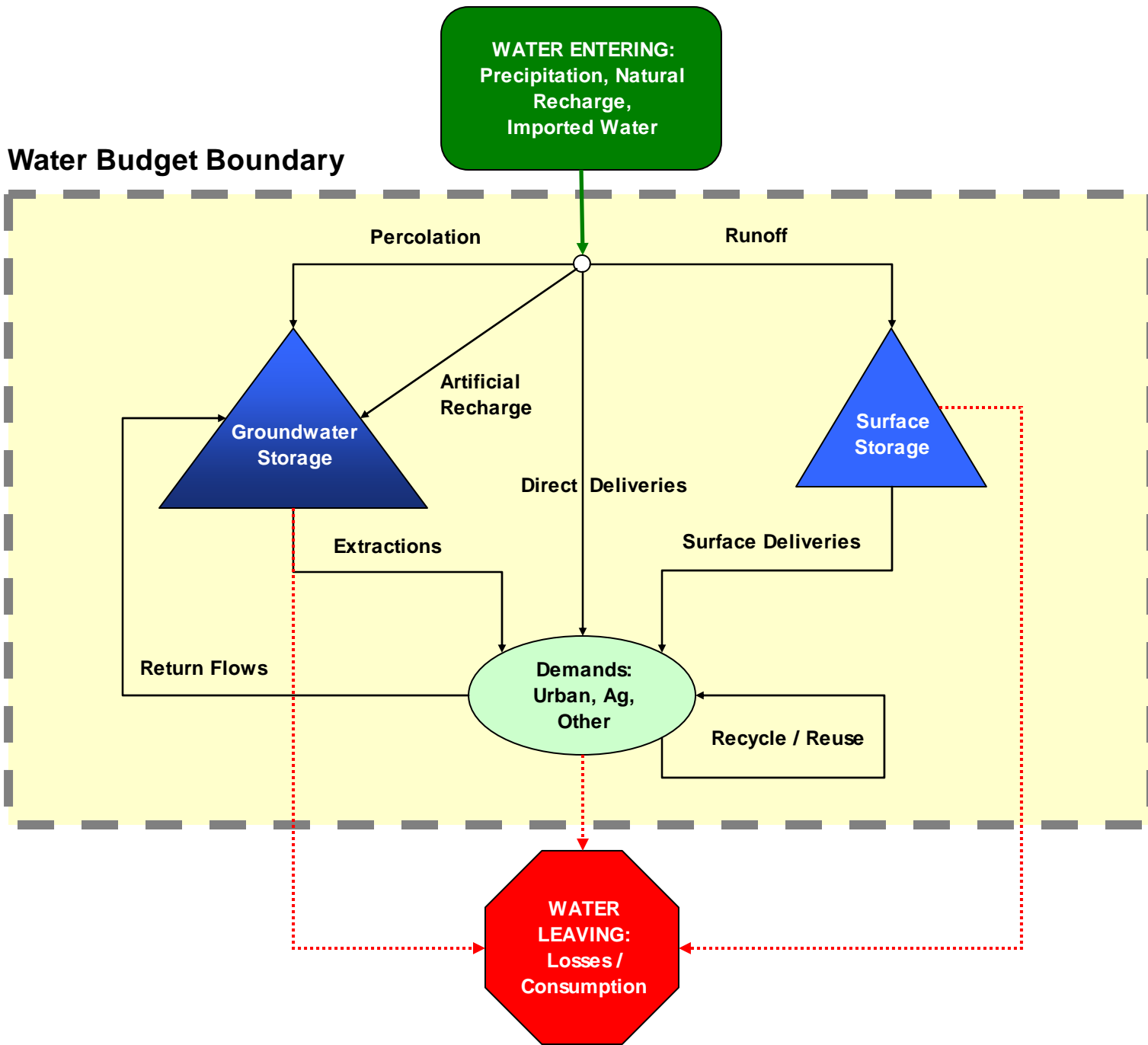
Can compute water budget at any point in time:

- ✓ Water already in region
- ✓ Water entering region
- ✓ Water leaving region





# Water Budget Boundary



# DEMAND

- ✓ Uncertain and varies with weather
- ✓ M&I Demand
  - Based on per capita estimates
- ✓ Agricultural Demand
  - Ag Scenario 1 – constant agricultural demand through 2035
  - Ag Scenario 2 – uses historical data to project future demand; shows declining trend
- ✓ Conservation Scenario
  - With and without ~ 2% reduction every 5 years for total of 10% by 2035

# SUPPLY

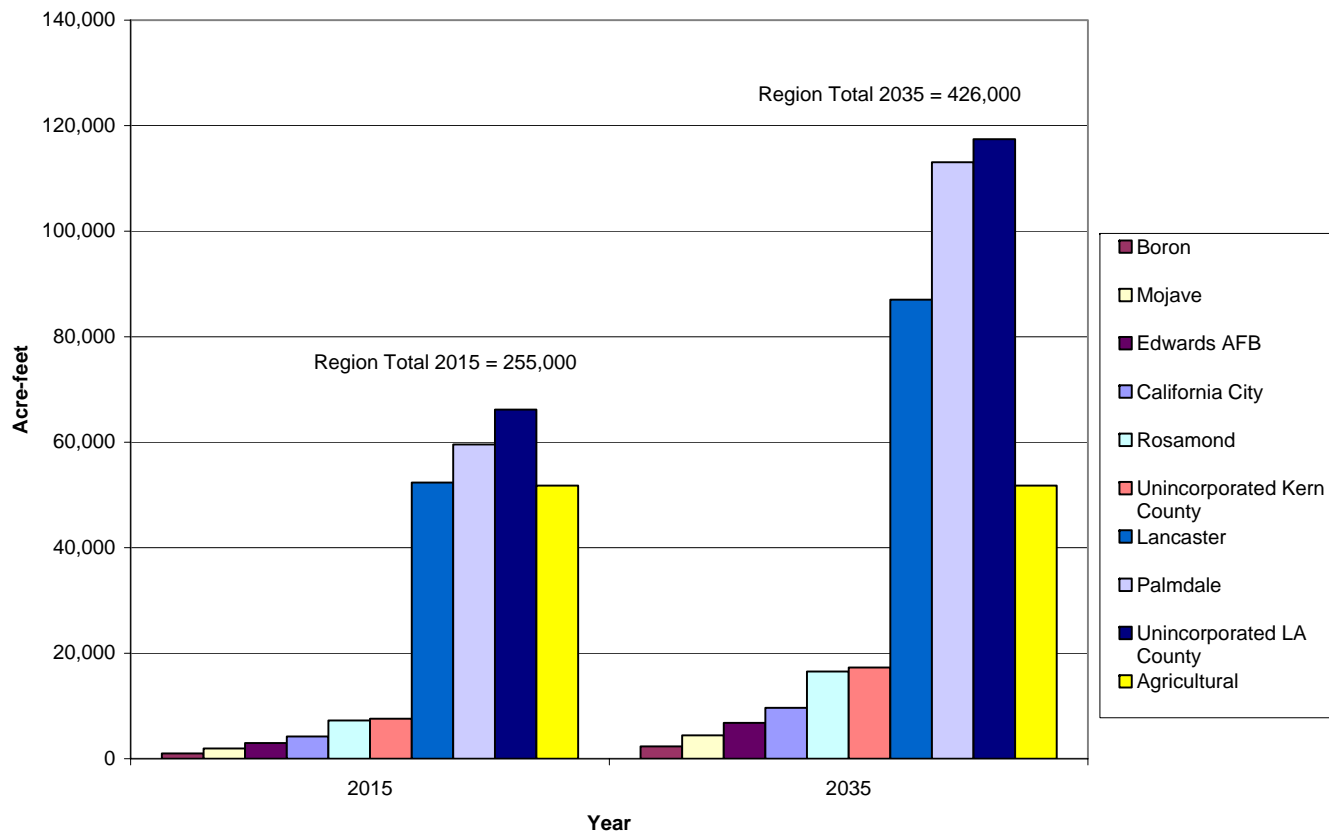
## ✓ Local Groundwater

- Natural Recharge
- Ag Return Flow
  - Ag Demand (2 scenarios)
  - Groundwater for Ag Return Flow
  - Imported Water for Ag Return Flow
- Wastewater Return Flow

## ✓ Imported State Water

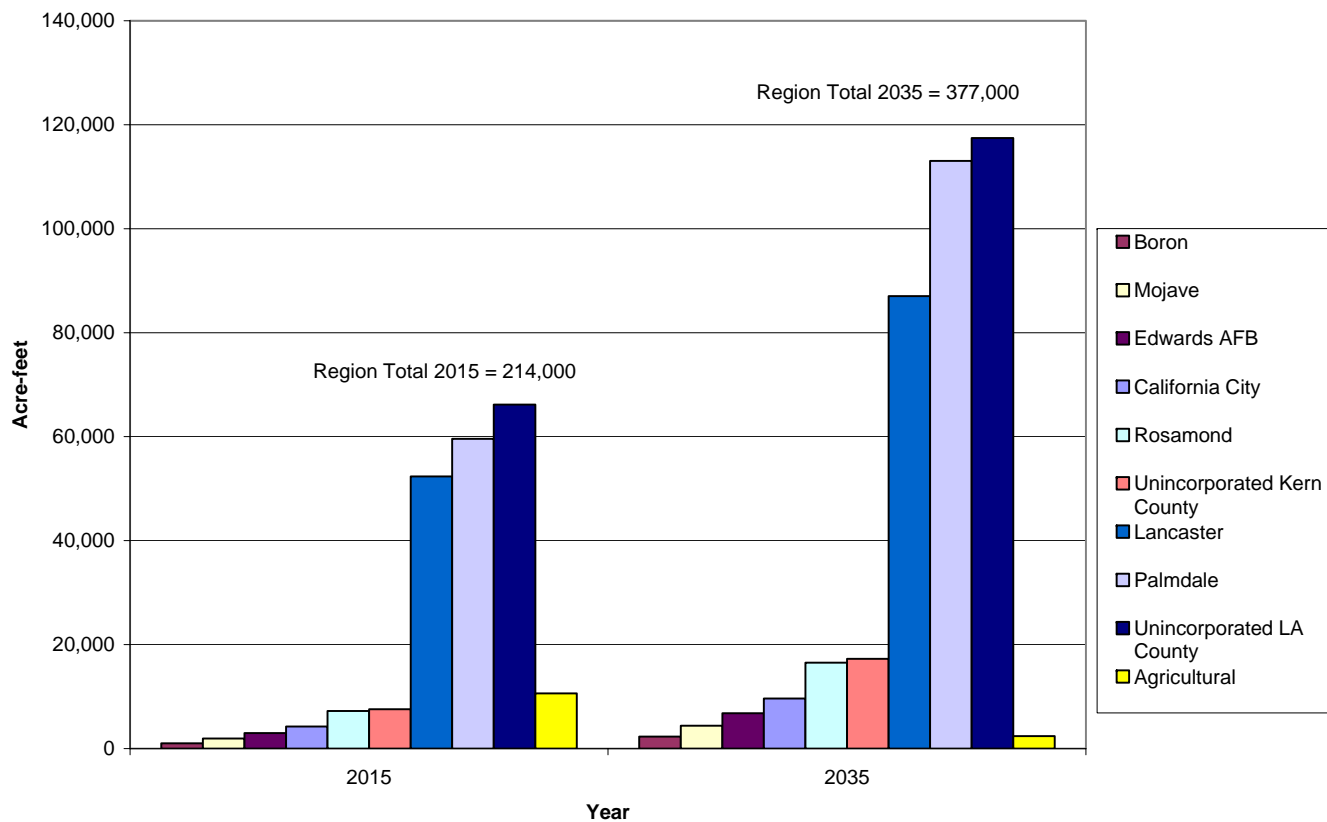
- ✓ Aquifer Storage and Recovery
- ✓ Recycled Water
- ✓ Local Surface Water

# DEMAND (AG SCENARIO 1)



Note: Does not include planned 10 percent reduction in demand from conservation

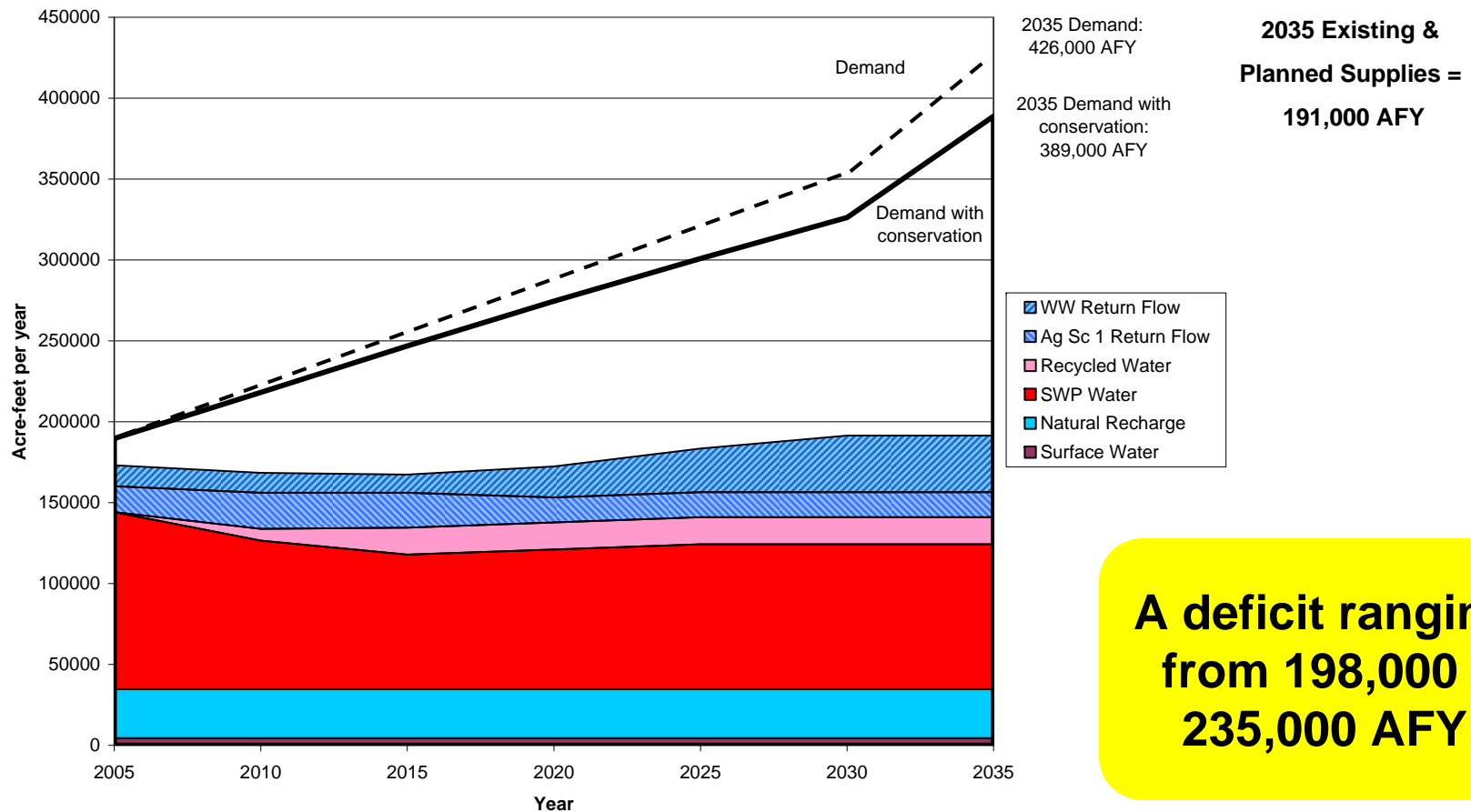
# DEMAND (AG SCENARIO 2)



Note: Does not include planned 10 percent reduction in demand from conservation

# WATER BALANCE

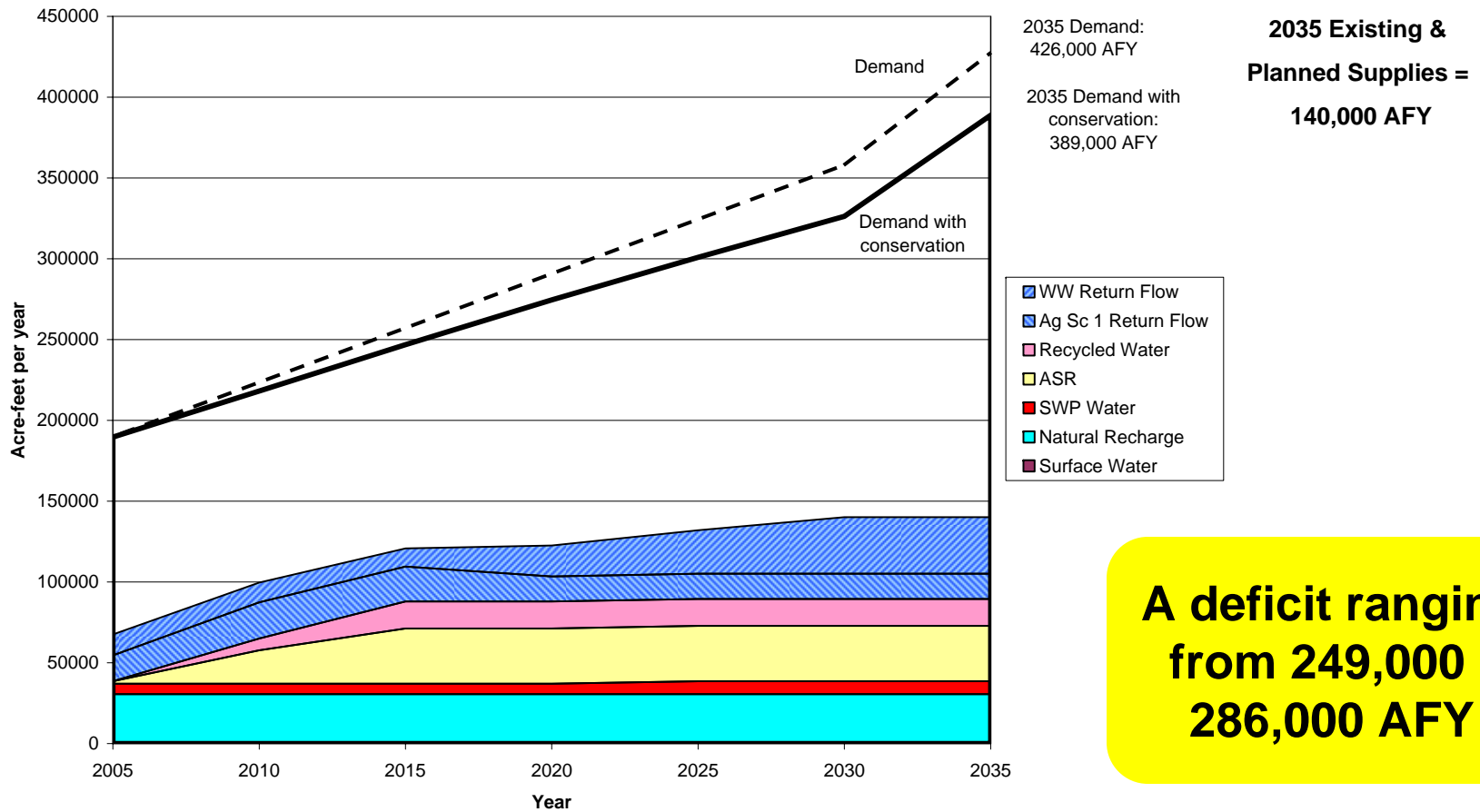
## AVERAGE WATER YEAR



Note: Assumes Ag Scenario 1, constant agricultural demand

# WATER BALANCE

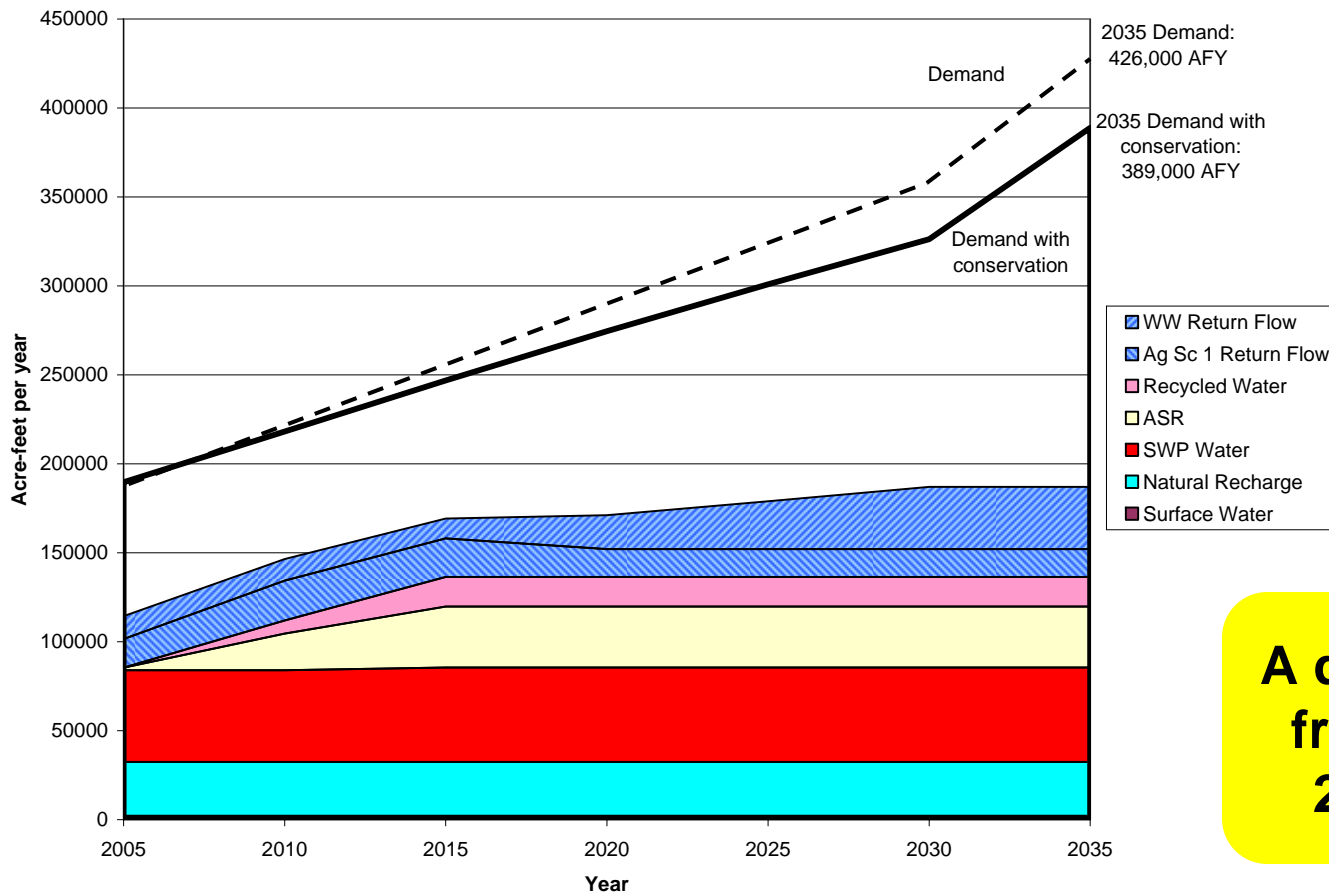
## SINGLE DRY WATER YEAR



Note: Assumes Ag Scenario 1, constant agricultural demand

# WATER BALANCE

## MULTI DRY WATER YEAR



**A deficit ranging from 202,000 - 239,000 AFY**

Note: Assumes Ag Scenario 1, constant agricultural demand



# WATER SUPPLY

## MANAGEMENT ISSUES AND NEEDS



- ✓ Reliance on and reliability of imported water
- ✓ Groundwater use not managed
- ✓ Existing facilities have limitations
- ✓ Global warming effects
- ✓ Forecast significant deficit

# WATER QUALITY

## MANAGEMENT ISSUES AND NEEDS

- ✓ Meeting water quality regulations
- ✓ Closed basin with no outfall for discharge
- ✓ Must provide wastewater treatment for growing population
- ✓ Emerging contaminants



# FLOOD

## MANAGEMENT ISSUES AND NEEDS

- ✓ Lack of coordination throughout Valley
- ✓ Poor water quality of runoff
- ✓ Nuisance water and dry weather runoff
- ✓ Difficulty providing flood control w/o interfering w/ groundwater recharge
- ✓ Continue sediment deposition for Edwards AFB dry lakes to maintain operations

# ENVIRONMENTAL

## MANAGEMENT ISSUES AND NEEDS



- ✓ Growing demand for recreational opportunities
- ✓ Conflict between industry, growth, and preserving open space
- ✓ Desire to preserve open space
- ✓ Protect endangered species

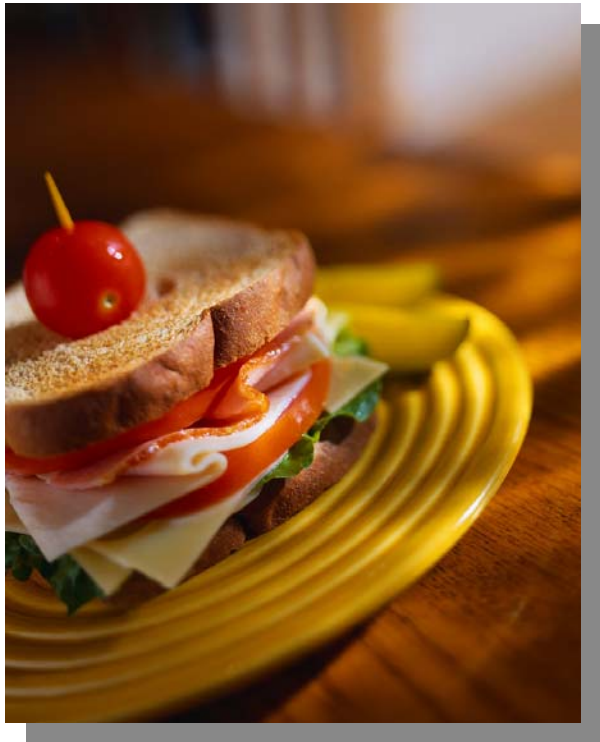
# LAND USE

## MANAGEMENT ISSUES AND NEEDS

- ✓ Rapid growth in the Valley
- ✓ Maintain local culture and values
- ✓ Changes in land uses affecting agriculture



# PLAN OBJECTIVES



- ✓ Want to get to fundamental objectives
  - What is motivating action?
  - Why would you want to do this?
  
- ✓ Example: I want a sandwich.

# SMART GOALS



- ✓ Specific
- ✓ Measurable
- ✓ Attainable
- ✓ Relevant
- ✓ Time-based

# REQUIREMENTS

IRWM Plans required to discuss objectives in four categories

- Water supply
- Groundwater management
- Ecosystem Restoration
- Water Quality



# PREVIOUS INPUT

- ✓ Reviewed issues and objectives paper
- ✓ Reviewed notes from last brainstorming session
- ✓ Many of the items listed from May 31 and November 1 are potential management actions

# DRAFT OBJECTIVES

- ✓ Created handout that summarizes previous input by category
- ✓ Proposed some Plan Objectives
- ✓ Review and edit Plan Objectives

# CALL FOR PROJECTS

✓ Need to collect **comparable information** for every project idea

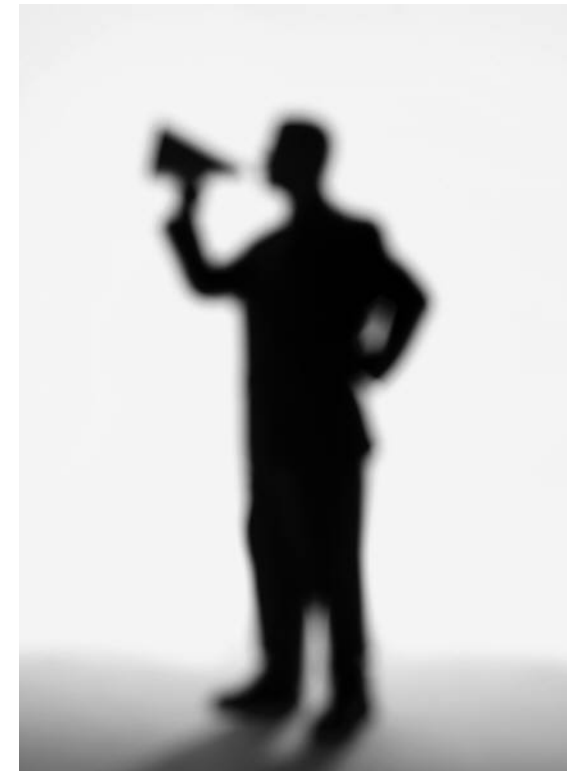
✓ Will use a form to collect the information in common way

✓ Information will be used to describe all projects

✓ Information will be used by group to **select and prioritize** projects

# CALL FOR PROJECTS

- ✓ We have received forms for **5** projects
- ✓ Time for a “Road Show”



# NEXT AGENDA

- ✓ Review comments on Sections 3 & 4
- ✓ Project information update
- ✓ Water Management Strategies
- ✓ Other?



ANYTHING ELSE?

