Pajaro Valley
Community Water Dialogue

Presented by
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Overview

• Water in the Pajaro Valley (State of the Basin)
• Basin Management
• Community Water Dialogue Approach
• Dialogue to Action
• Lessons Learned and Future Projects
• **Average Valley-Wide Water Use**
  - 55,000 Acre-Feet per Year
  - 850 Ag Wells
  - 1,300 Rural Residential Wells

• **Agro-Economy**
  - 28,000 Irrigated Acres
  - 2013 Crop Value ~$900,000,000
Existing Water Supply Facilities to Stop Overdraft & Seawater Intrusion

• **Harkins Slough Facility**
  – Managed Aquifer Recharge & Recovery
  – Stream flow diversion
  – 7,000 AF recharged since 2002

• **Recycled Water Facility**
  – 4,000 AFY irrigation season capacity
  – Drought tolerant supply
  – Reduces discharge of secondary effluent to marine sanctuary

• **Coastal Distribution System**
  – Over 20 miles of water conveyance pipeline
  – 25,000+ Acre-Feet Delivered
Basin Management Plan Update contains three primary components to achieve 12,100 ac-ft/yr

- Conservation 5,000 AFY
- Develop new water supplies 4,100 AFY
- Optimize the use of existing water supplies 3,000 AFY
“Early Out” Grant Funded Projects, and Distribution System Improvements

- Recycled Water Facility Improvements
- Distribution System Improvements
  - Blend Well Pipeline Project
  - K1 Pipeline Project
- New Monitoring Wells
- Conservation
Community Water Dialogue
Commitments

1. A commitment to protect the Pajaro Valley as an important agriculture resource

2. A recognition that the solution will not be an importation pipeline

3. A willingness to pursue diverse strategies which entail costs and sacrifices in order to bring our aquifer into balance
Community Water Dialogue Structure

• Community-driven
  - Community meetings attended by 50-60

• Action Teams advance priorities
  - Land Management and Irrigation Best Practices
  - Managed Aquifer Recharge
  - Big Projects
  - Communications

• Guidance Team provides leadership

• RCD as fiscal sponsor, staff and project administration
Dialogue
Dialogue to Action

to achieve the 5000 AF conservation target laid out in our Basin Management Plan and to bring the aquifer into balance

Wireless Irrigation Network (WIN)
Dialogue to Action

to achieve the 5000 AF conservation target laid out in our Basin Management Plan and to bring the aquifer into balance

Managed Aquifer Recharge (MAR)
Dialogue to Action

to achieve the 5000 AF conservation target laid out in our Basin Management Plan and to bring the aquifer into balance

Technical Assistance: Irrigation and Nutrient Management
Additional Project Ideas

• Rotational fallowing/Cover cropping
• Market based incentives for Managed Aquifer Recharge
• Soil health management
• Community Commitment to Groundwater
CWD Lessons Learned
Questions?

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