Pleasanton’s Water Supply

- Blend of surface water & ground water
  - ~80% Zone 7 Water Agency
  - ~20% City wells
Milestones of a Developing a RW Program

• July 2013 - Completed Recycled Water Feasibility Study
• Nov. 2013 – Finalized recycled water supply agreements with DSRSD & DERWA
• April 2014 – Began application process for CWSRF loan
• Sept. 2014 – Completed/filed CEQA
• Nov. 2014 – submitted Title 22 Engineering Report to RWB & DDW
• Sept. 2014 to Jan. 2015 – Design phase
• Preparing to advertise for construction bid - Engineers estimate: $15 million
Project Overview

- Recycled water demand: 1,400 afy
- Distribution System will include:
  - 9.8 miles of new rw pipe (6” – 20” diameter)
  - 4.5 miles of existing potable pipe repurposed for rw
  - 133 irrigation meter connections
- Connection to existing 8 MG water storage facility
- Water supply: partnerships with DSRSD & Livermore for filtration and disinfection treatment of secondary effluent.
Recycled Water Supply Agreements

• DERWA – Pleasanton:
  – Terms outlined for providing up to 500 AFY once Pleasanton has a rw customer at agreed cost
  – DSRSD RWTP 1.9 MGD Expansion: City provides a buy-in contribution & pays a proportionate share

• DSRSD – Pleasanton:
  – Pleasanton retains the rights to its wastewater & DSRSD may use what Pleasanton’s rw program does not need
  – City’s excess storage in 8 MG reservoir available for DSRSD
  – CWR pipeline available for use by Pleasanton to close loop with Livermore.

• Livermore – Pleasanton:
  – Livermore will supply up to 100 AFY for El Charro area customers
  – Pleasanton retains rights to wastewater from Ruby Hills (0.9 MGD)
Customer Conversions

Customer Property

existing Irrigation System

existing Irrigation box/meter

Recycled Water Supply

Potable Water Supply

Roadway
Construction Goal for 2015
Thank you

Any Questions?
Customer Responsibilities/Costs

• Submission of rw permit (including site drawings)*/$75 fee
• Outfit valves with tags
• Convert hose bibs to rw quick couplers
• Install RW signs
• Adjustments necessary to ensure:
  – Food eating tables not sprayed
  – Outdoor drinking fountains shielded from spray
• Accompany City staff during inspections
• Once rw meter box is in place, outfit w/isolation valve**