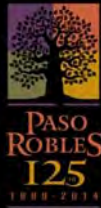


Presentation to Planning Commission
April 2014

Water Vision & Strategy



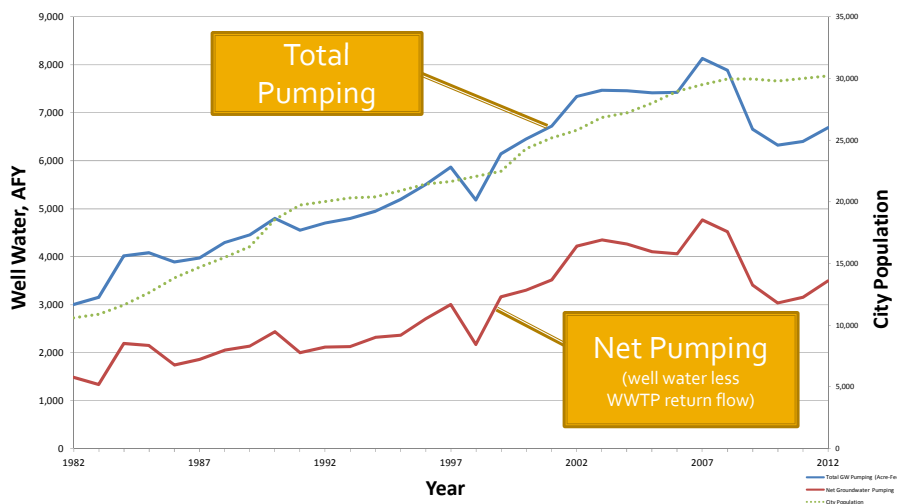
Meeting City Water Needs



- Water history
- Projected demand
- Drought response
- New development



Historic Pumping



Key Decisions



Drought '87-'91

Nacimiento Studies ('91 ->)
Fugro Basin Study '02

Nacimiento Decision '04

Nacimiento Start-up '10

Water Treatment Plant '14 ->

Supply vs. Demand



SUPPLIES

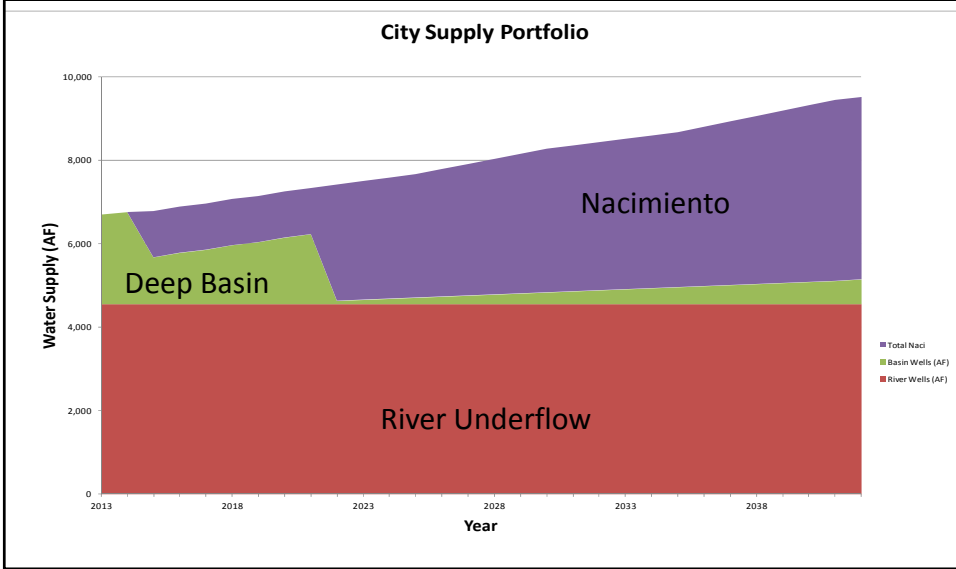
- River underflow 4,600
- Nacimiento 4,000
- Additional Naci 1,400
- Recycled water 650
- Deep basin 2,300 – 3,400

Total = 13,000 – 14,000

PROJECTED DEMAND

- Current at 30,200 popul 6,700
- Projected 9,515 – 12,460 at 44,000 population

City Water Plan



City Water Plan



Today's Drought: Are the Plans Working?



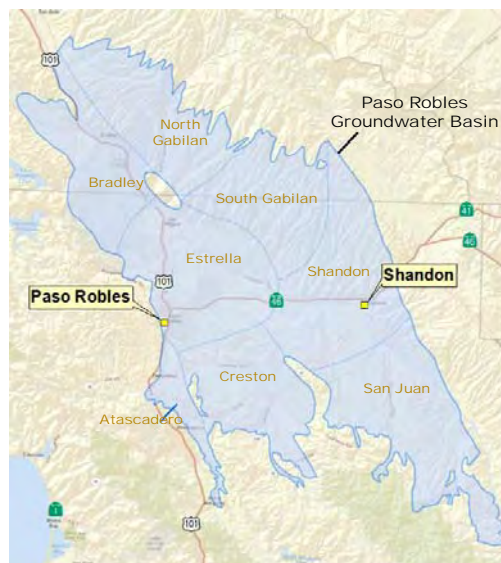
- Record low rainfall
- Nacimiento at 84,080 acre-feet (22%)
- River wells benefitting from river releases
- Deep basin concerns

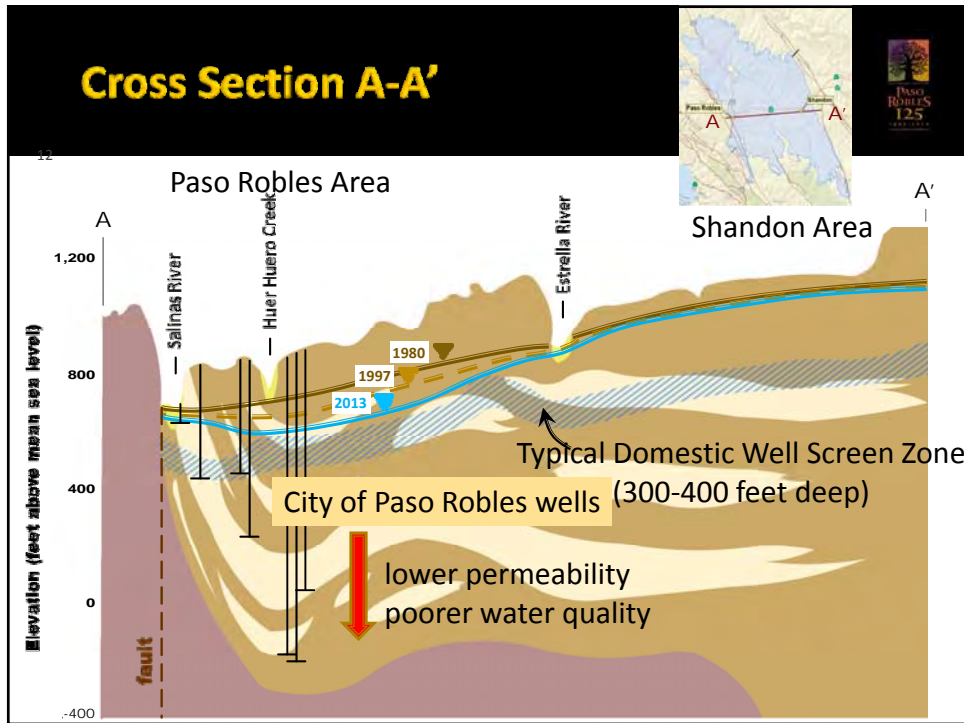
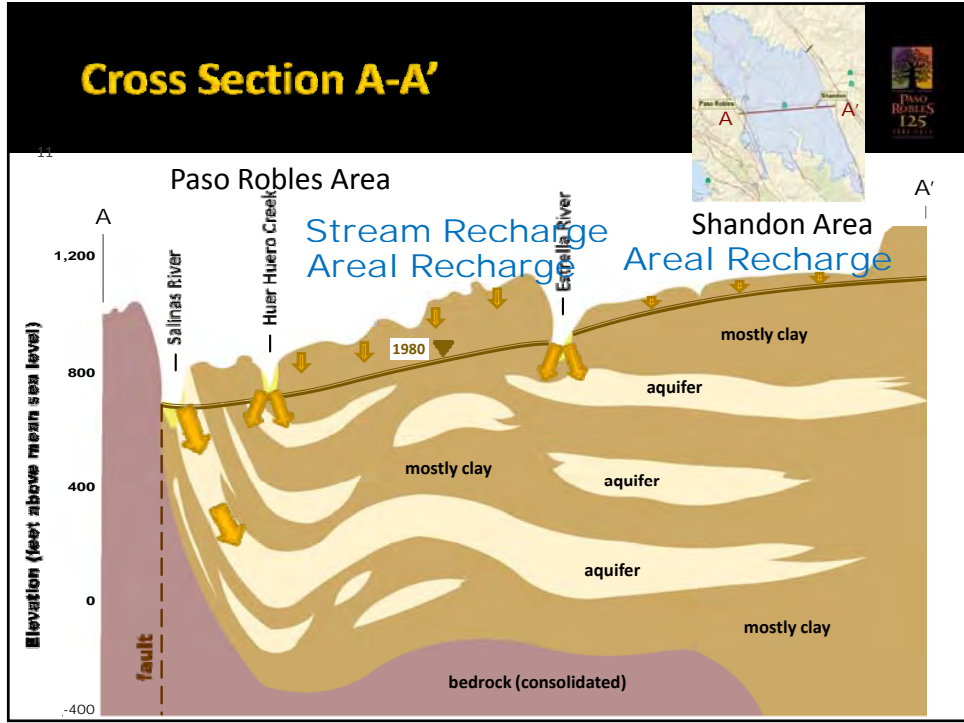


Paso Robles Groundwater Basin



10





Drought Response



- Peak summer demand gets tough
- Level 2 Water Conservation effective May 1st
- Get treatment plant on-line



Water ...
Use it Wisely



Is the Plan Working?



YES

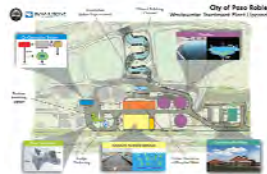
- River wells flowing
- Conservation working
- Treatment plant bid awarded



New development: Where to go from here?



- Conserve water, especially during drought and short-term temporary situations
- Build the water treatment plant
- Regionally cooperate in basin management
Take serious look at recycled water



Hotel Usage



- In Comm/Indus use category
1,000 AFY now; 3,800 AFY at build-out
- 0.126 AFY/room actual usage
- 1,375 rooms now
- If room count doubled, usage would be 345 AFY



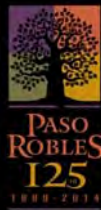
Water Vision & Strategy



- **Strategy has been decades in the making**
- **Multiple sources**
 - River underflow and Nacimiento 1st
 - Deep basin wells for peaking
 - Recycled water = next source?
- **Planned for 44,000 population**
- **Look to stabilize basin where feasible**
- **Supplement basin where feasible**



Questions?



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