

San Benito County Water District

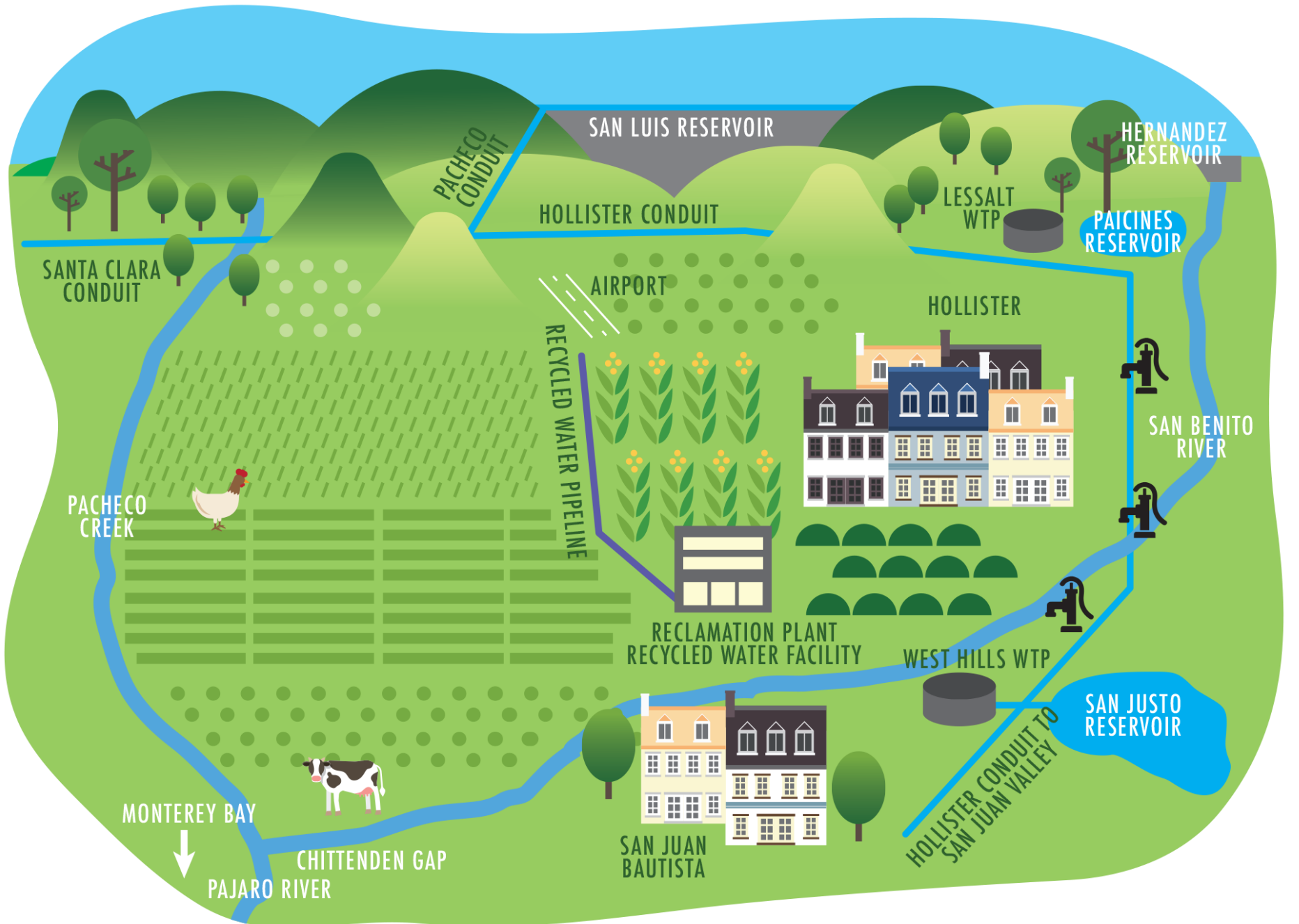
Outline

- 1. Who We Are**
- 2. Challenges in SBC**
- 3. Addressing Challenges – Historically**
- 4. Today's Challenges**
- 5. What's at Risk?**
- 6. What We're Doing - Future**



Who We Are..

- **Groundwater Sustainability Agency for San Benito County**
- **Federal Contractor for Imported Central Valley Project Water for municipal and agricultural customers in San Benito County**
- **Owners of the Lessalt and West Hills Surface Water Treatment Plants for municipal drinking water**
- **Distributors of Recycled Water for agriculture and irrigation accounts**
- **Managers of the San Benito County River System**



All Water is Linked- San Benito County



Collaboration- Regional Projects & Programs

Hollister Urban Area Water Project

City of Hollister

Sunnyslope County Water District

San Benito County Water District



Water Resource Association San Benito County:

City of Hollister

City of San Juan Bautista

Sunnyslope County Water District

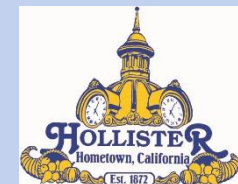
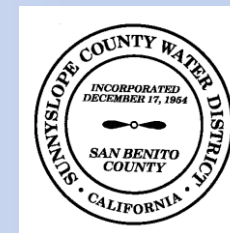
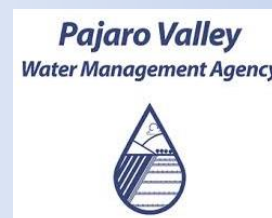
San Benito County Water District

The Pajaro River Watershed IRWM Regional Water Management Group :

Santa Clara Valley Water District (SCVWD)

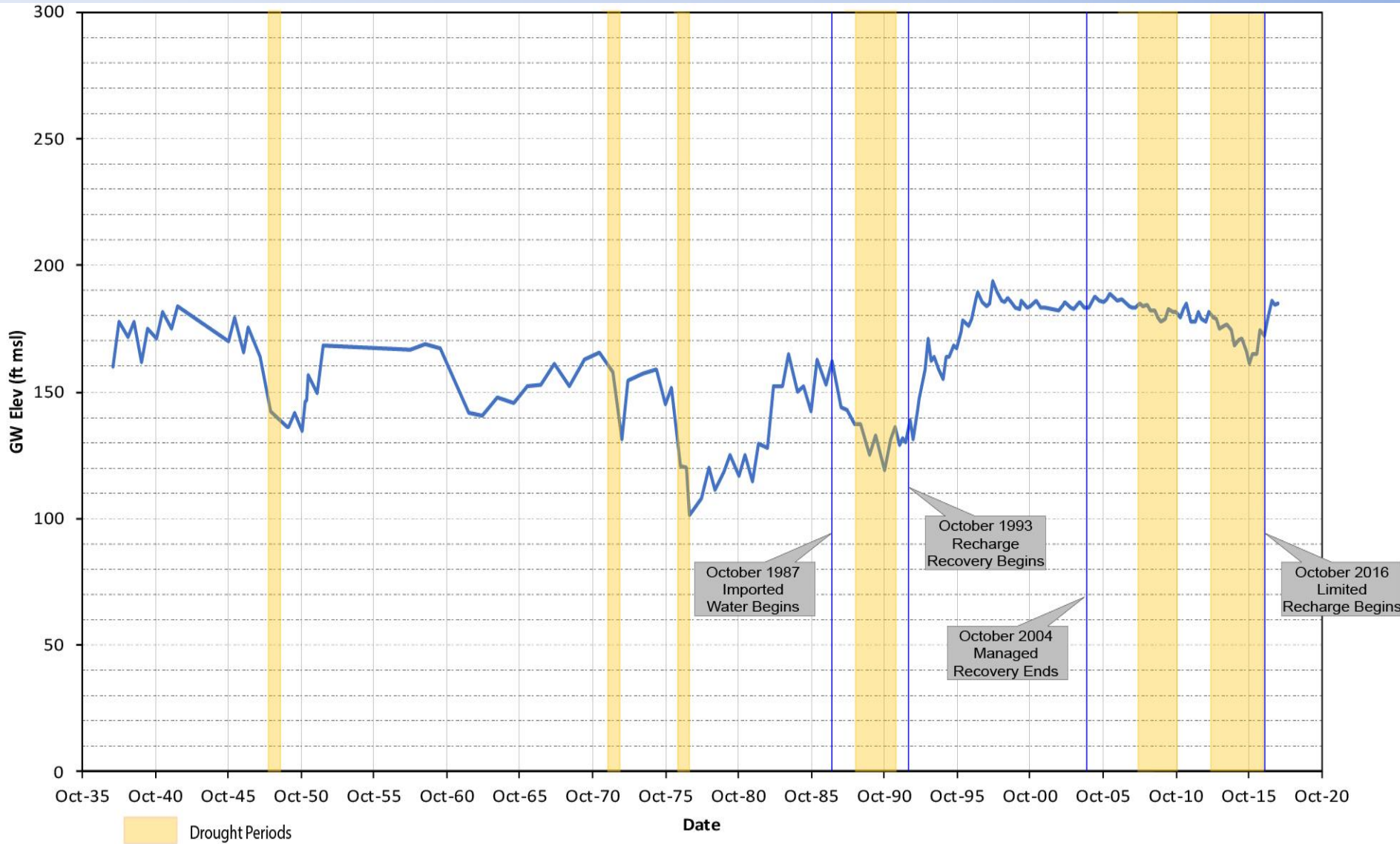
Pajaro Valley Water Management Agency (PVWMA)

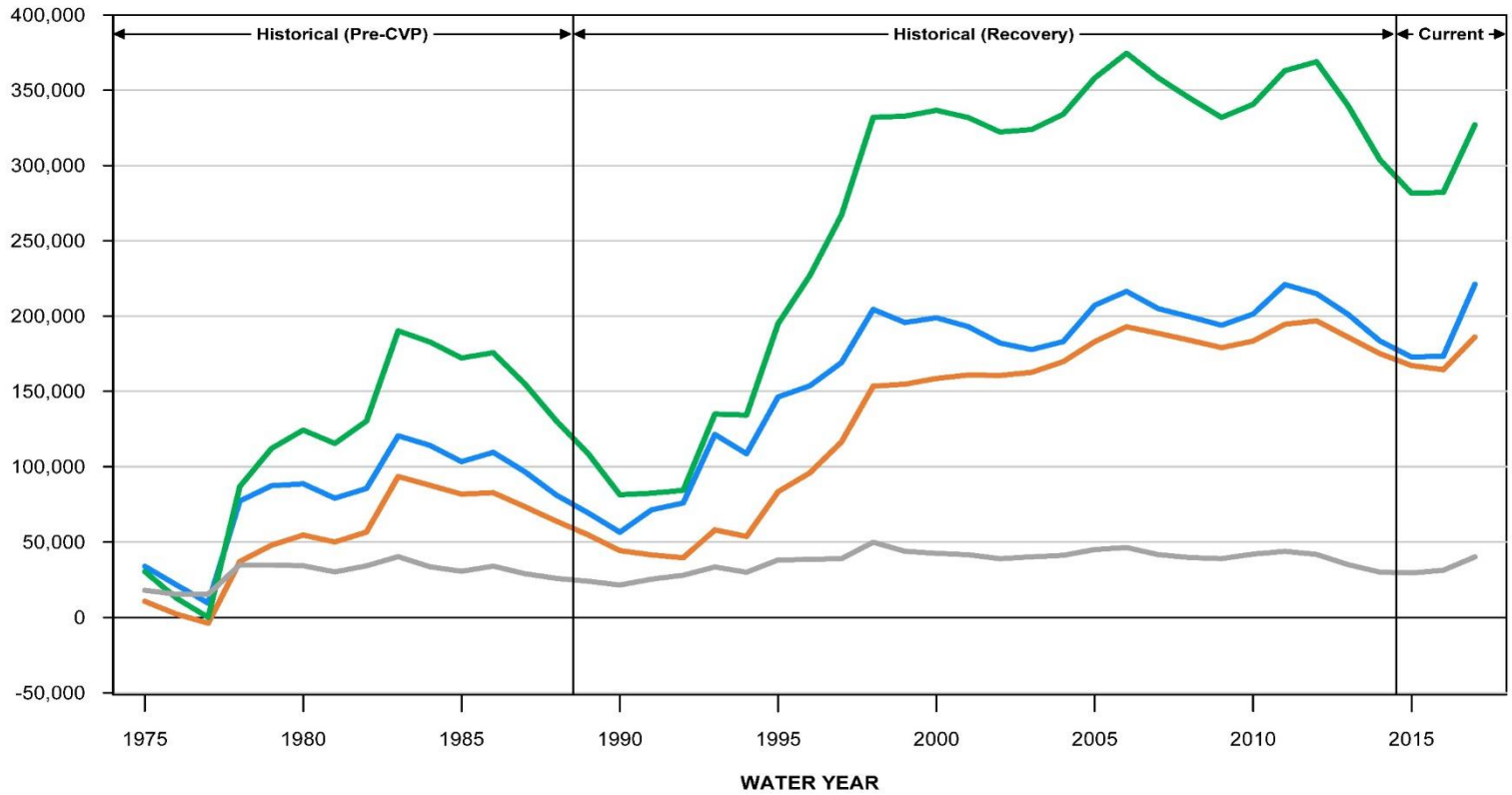
San Benito County Water District (SBCWD)



#2 CHALLENGES IN SBC

Long-term hydrographs tell basin history





- Bolsa Management Area
- Hollister Management Area
- San Juan Management Area
- Southern Management Area

October 2019
TODD 
GROUNDWATER

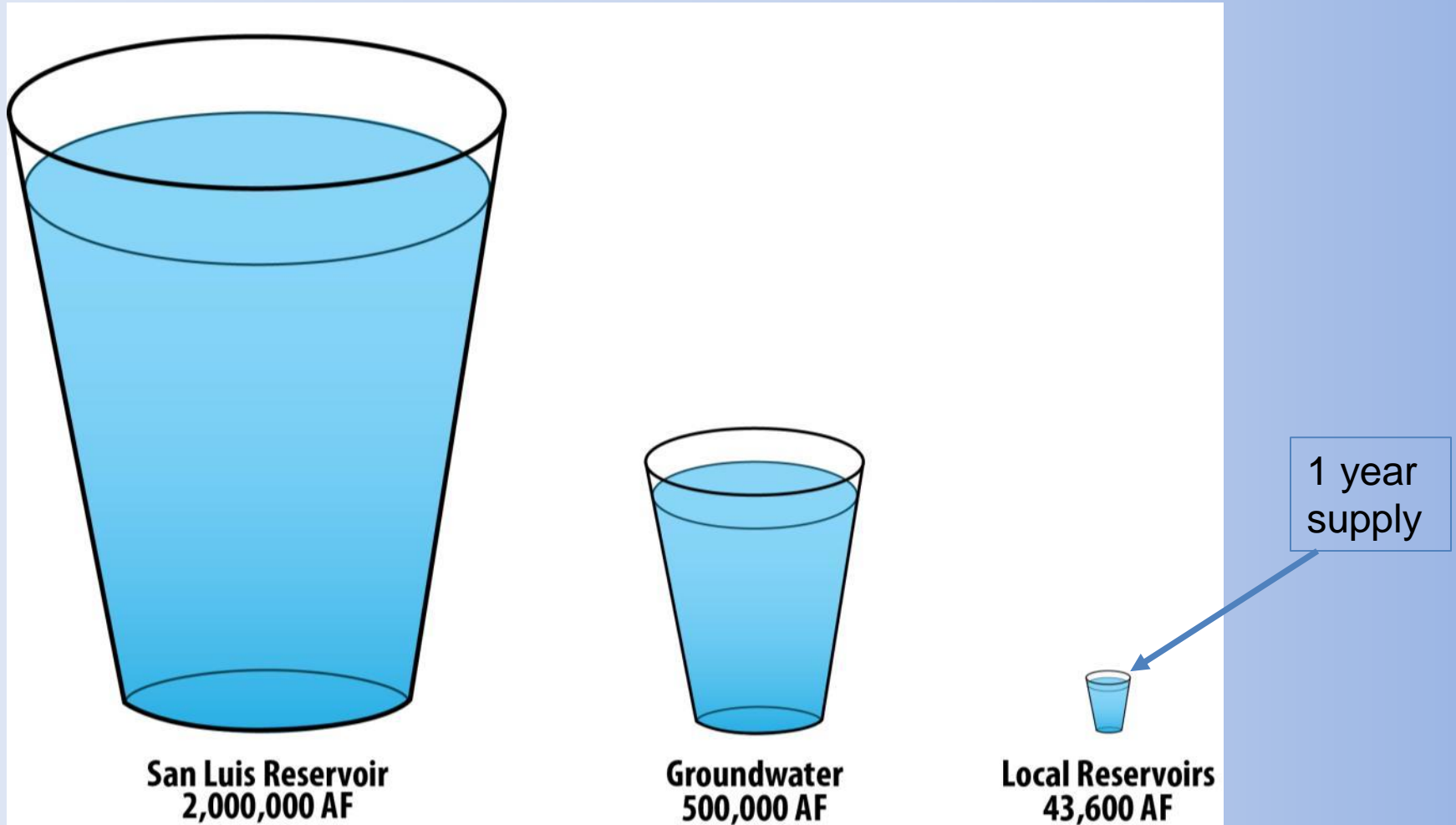
Figure 5-10
Historical and Current
Change in Storage

The Challenge of Balancing Basin Water Demand and Supply In San Benito County

DEMAND		Acre Feet
Municipal and Industrial		9,000
Agricultural		31,000
Total Demand		40,000
SUPPLY		
Groundwater Basin		20,000
	CVP Imports (10 year avg)	14,000
	CVP Deficit (per year)	(6,000)
CVP Imports Needed		20,000
Total Supply		40,000

Our Groundwater

Our Groundwater Basin Provides Significant Storage



#3 ADDRESSING CHALLENGES-HISTORICALLY

San Benito County – Water History

Pre-San Felipe Project

- 💧 **Hernandez Reservoir**
- 💧 **Paicines Reservoir**
- 💧 **Paicines Canal**
- 💧 **Paicines Canal Diversion Facilities**
- 💧 **Dos Picachos Diversion**
- 💧 **Wells**



San Benito County – Water History

San Felipe Project

Addressed overdraft in the basin

1977 Ballot Measure
(Approval was 82%)

San Felipe assets:

- Pacheco Pumping Plant

- Pacheco Tunnel

- Hollister Conduit

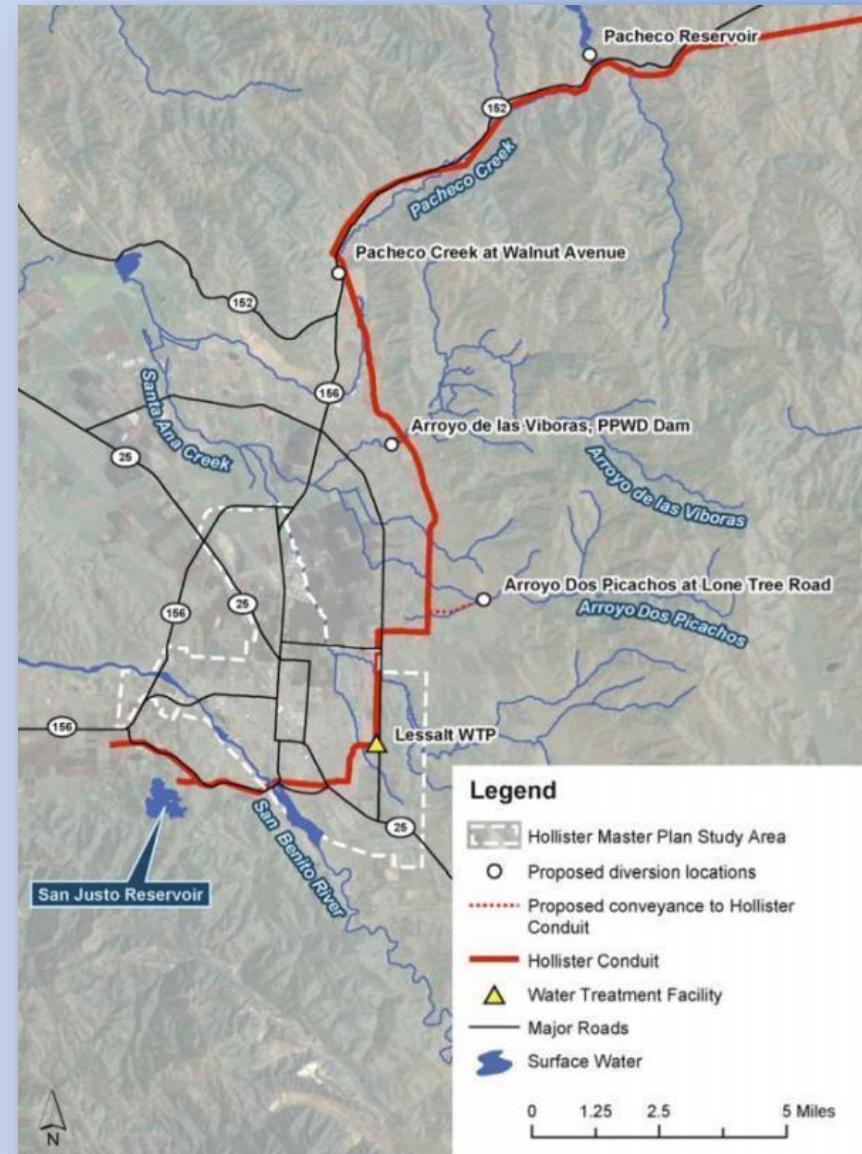
- San Justo Reservoir

- Distribution System

- Costs \$120M (1987)

- 43,800 Acre-feet contract

USBR



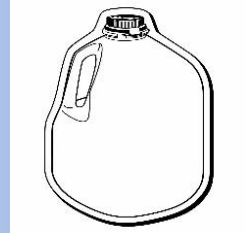
WATER CONSERVATION

Water Resources Association San Benito County:



Water use in Hollister Urban Area

- 1998= 220 gallons per person per day
- 2015= 105 gallons per person per day



- Over 12,000 high consumption toilets replaced



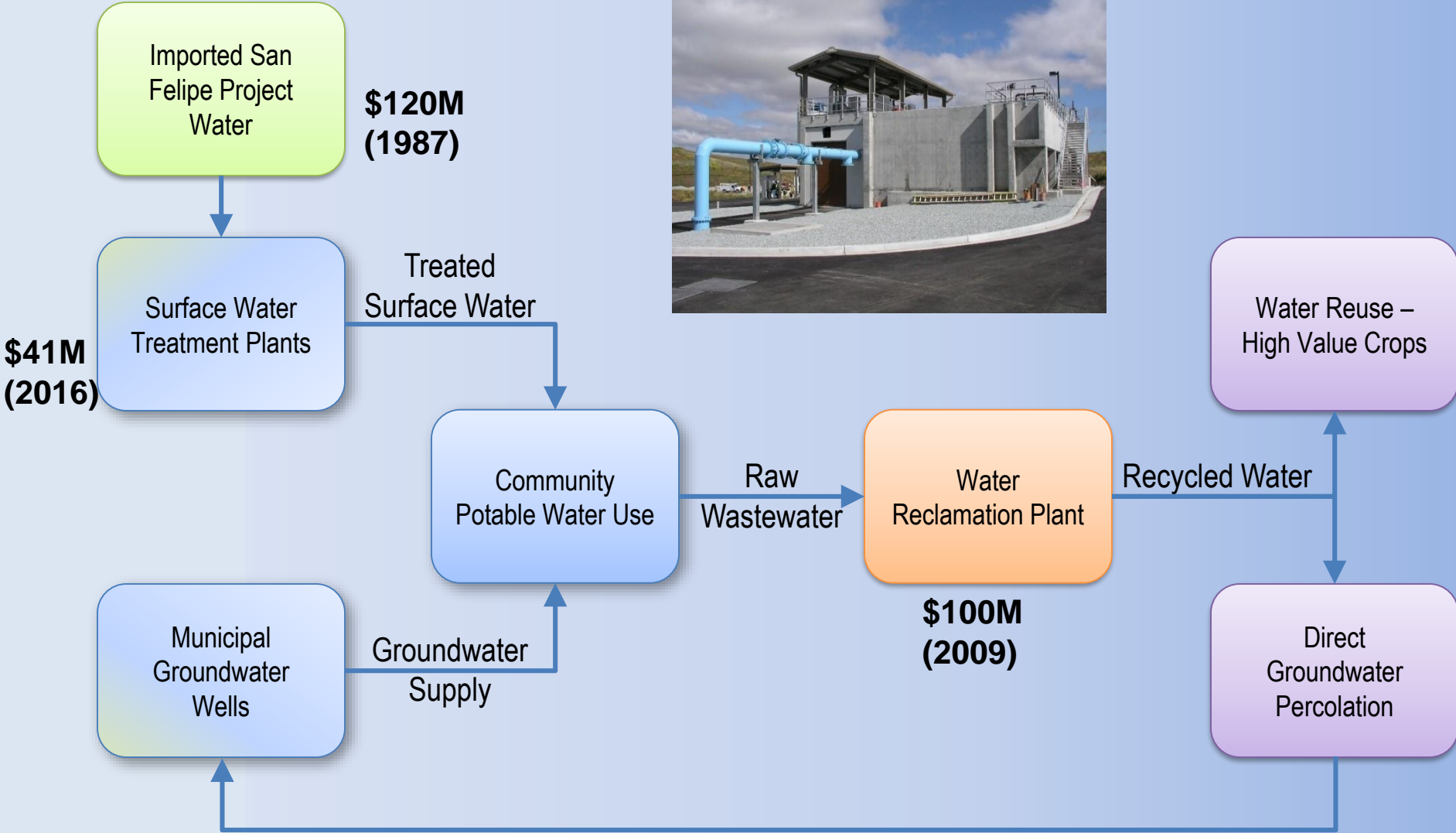
- Over 1,000 water softeners have been demolished

**CONSERVATION PROGRAMS LOWER WATER USE,
BUT WILL NOT SUPPLY ALL THE WATER THAT
IS NEEDED TO BALANCE THE BASIN**



Water Supply for the Urban Area

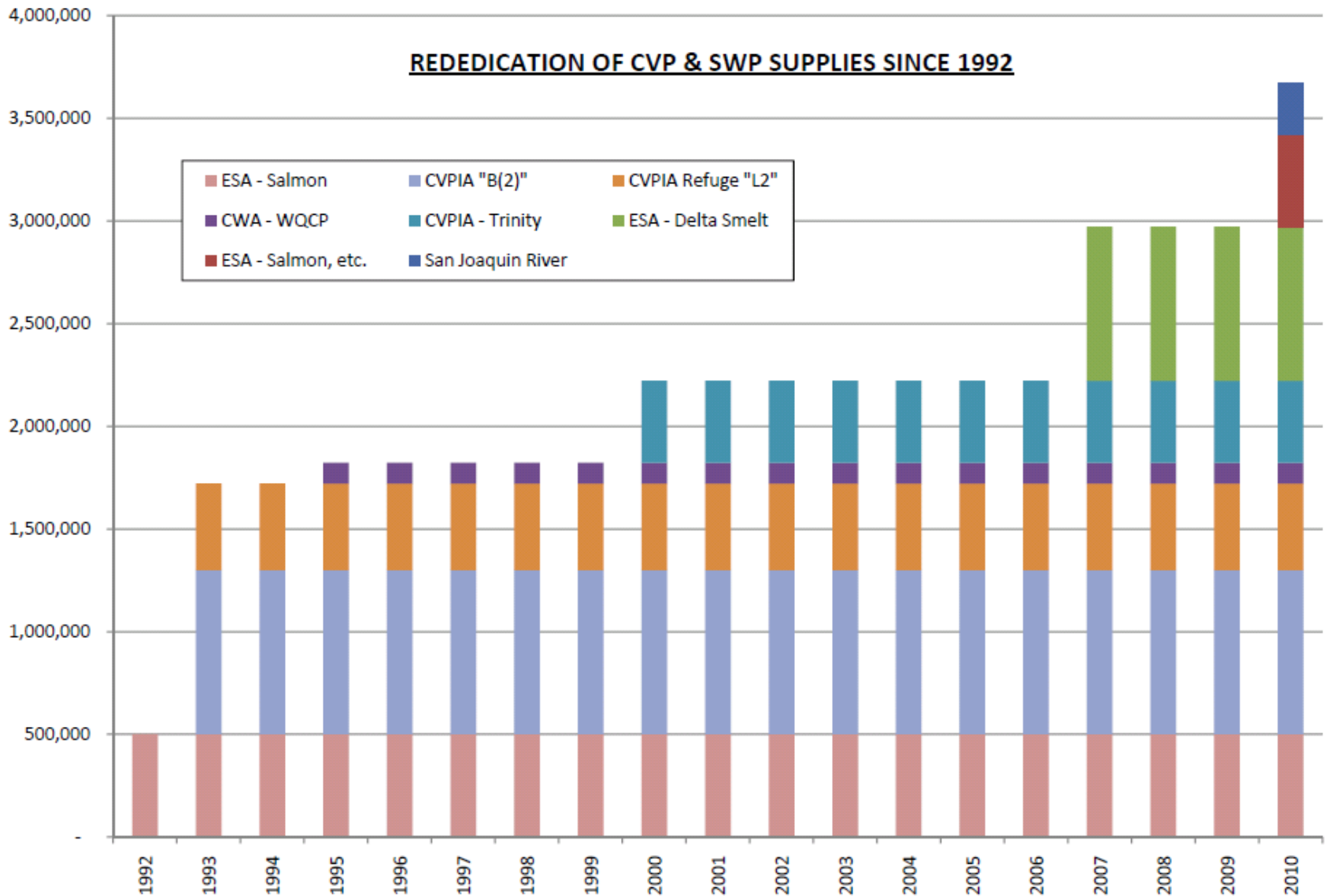
Water Supply Diversity Increases Reliability



#4 TODAY'S CHALLENGES

Impacts to CVP and SWP Water Supplies

REDEDICATION OF CVP & SWP SUPPLIES SINCE 1992



SAN BENITO COUNTY
CVP IMPORTED WATER SUPPLY
CHANGES

CVP IMPORTED WATER SUPPLY

Water Years

Water Years

1999-2008

2009-2018

(10 year Average Acre Feet per Year)

CVP Avg Delivered

23,000

14,000

CVP Avg Needed

20,000

20,000

CVP Supply Surplus/Deficit (per year)

3,000

(6,000)

**CVP Supply Surplus/Deficit
Cumulative (10 years)**

30,000

(60,000)

% of Contract Amount

53%

32%

Contract = 43,800 AF

Sustainable Groundwater Management Act (SGMA)

- ◆ **Landmark legislation in 2014**
- ◆ **Framework for sustainable management of groundwater by local agencies**
- ◆ **Requires formation of local groundwater sustainability agencies (GSAs).**
- ◆ **SBCWD is the GSA for San Benito County**
- ◆ **Preparation of a groundwater sustainability plan is in progress (GSP)**

5. WHAT'S AT RISK?

San Benito County What's at Risk...

	2017
Field Crops	\$31,044,250
Fruit and Nut Crops	\$53,305,250
Vegetable and Row Crop	\$244,418,500
Cattle	\$21,577,750
Other Livestock & Poultry	\$995,000
TOTALS	\$351,340,750



Infrastructure at Risk:



**San Felipe Project Water
Reclamation Plant
Recycled Water
Surface Water Treatment Plants**



What's at Risk...

Impact on Municipal and Industrial Economy???



6. WHAT WE ARE DOING?

FUTURE

Pacheco Reservoir Expansion

Seek to Address Five Big Challenges:

- **Restore Federally Threatened Fish**
- **Improve Resiliency and Emergency Water Supply**
- **Reduce Flooding to Disadvantaged Communities**
- **Eliminate Water Quality Issues in San Luis Reservoir**
- **Improve the Delta**



FUTURE PROJECTS:

North County Groundwater Supply

West Hills WTP Expansion

7. LEGISLATIVE ASSISTANCE

**A Healthy Water Supply Benefits
the Environment AND Economic Development**

**Imported Water Helps Meet The Needs for
Water Users & the Environment**

**The San Benito County Water District
Seeks Solutions That Meet Co-Equal Goals**

Specific Legislation Challenges



- Looking for “win-win” legislation on water issues so the environment and water users both win
- Consistent goals between state agencies
- Better coordination between state and federal agencies