

# 2014 WATER BOND

INFORMATIONAL HEARING

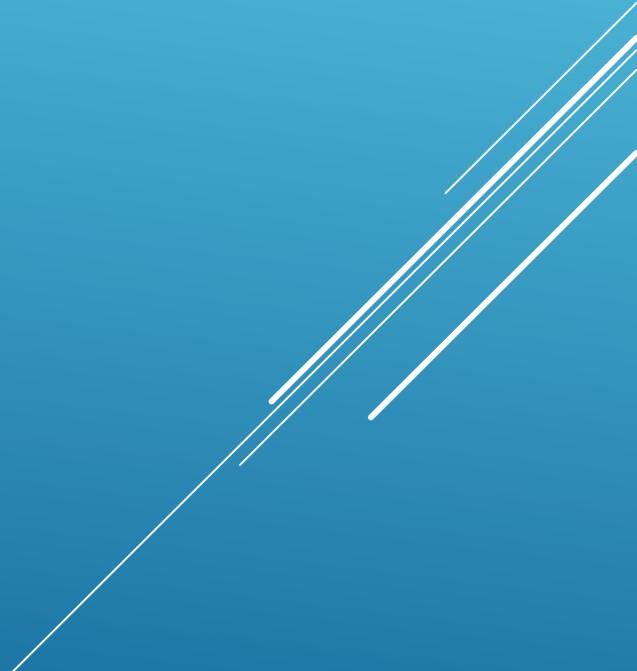
FEBRUARY 20, 2014

Gary Serrato

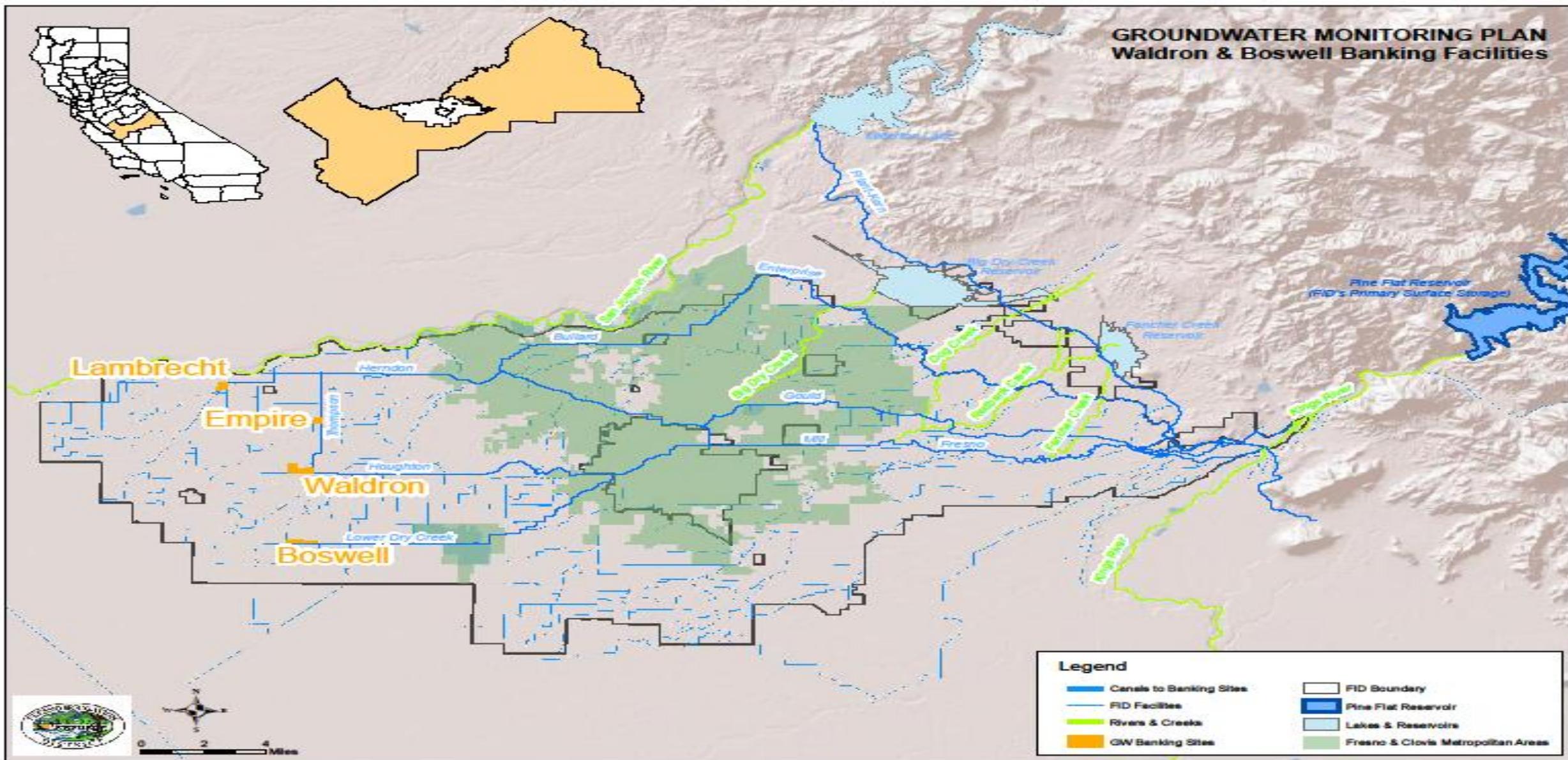
General Manager

Fresno Irrigation District

# 2014 WATER BOND

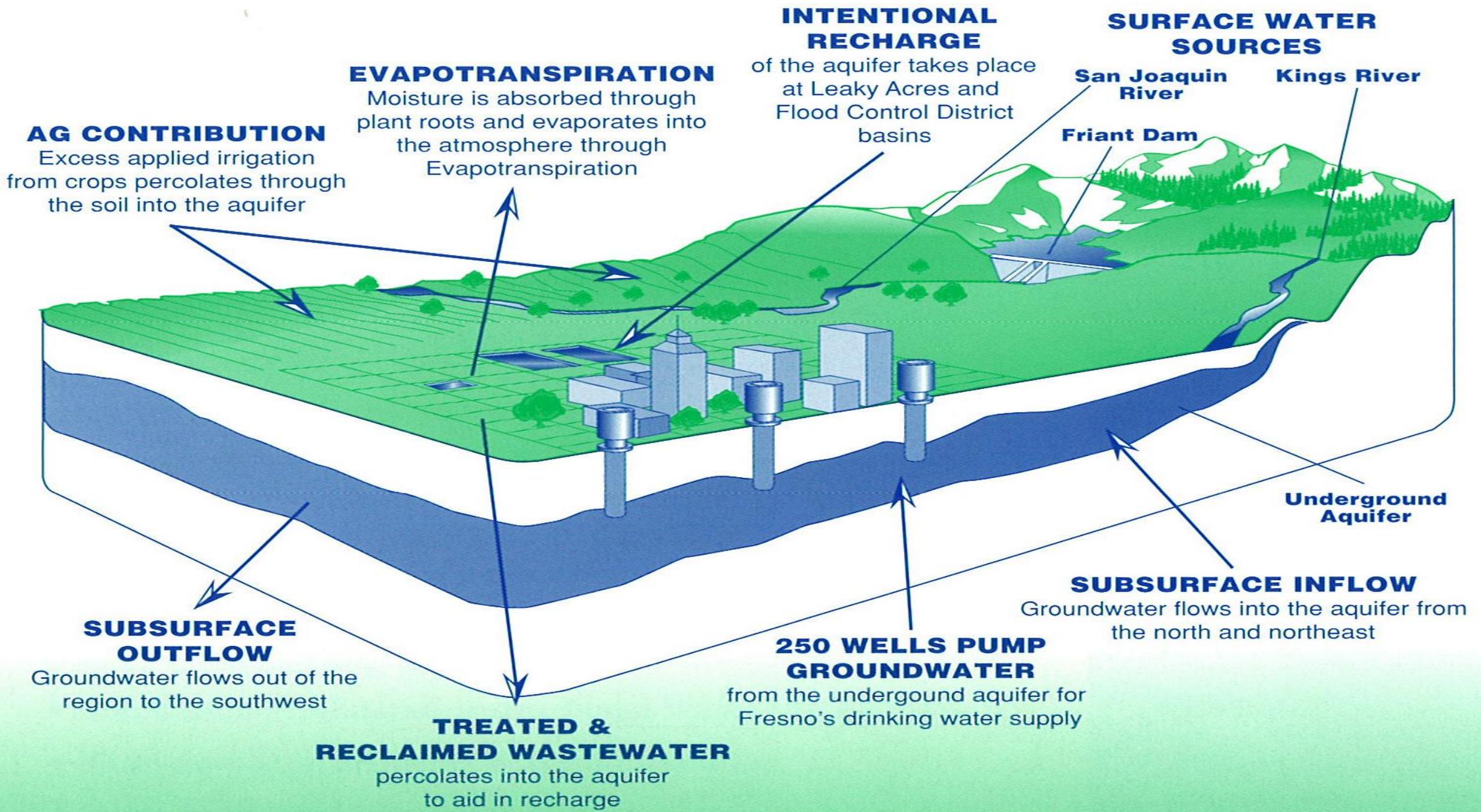
- ▶ Storage
    - ▶ Above and Below Ground
  - ▶ Integrated Regional Water Management Plans
    - ▶ Local Projects
  - ▶ Drinking Water Quality
    - ▶ Disadvantage Communities
    - ▶ Funding
- 

# STORAGE - GROUNDWATER BANKING FACILITIES



# WALDRON GROUNDWATER BANKING FACILITIES





**AG CONTRIBUTION**

Excess applied irrigation from crops percolates through the soil into the aquifer

**EVAPOTRANSPIRATION**

Moisture is absorbed through plant roots and evaporates into the atmosphere through Evapotranspiration

**INTENTIONAL RECHARGE**

of the aquifer takes place at Leaky Acres and Flood Control District basins

**SURFACE WATER SOURCES**

San Joaquin River

Kings River

Friant Dam

Underground Aquifer

**SUBSURFACE OUTFLOW**

Groundwater flows out of the region to the southwest

**SUBSURFACE INFLOW**

Groundwater flows into the aquifer from the north and northeast

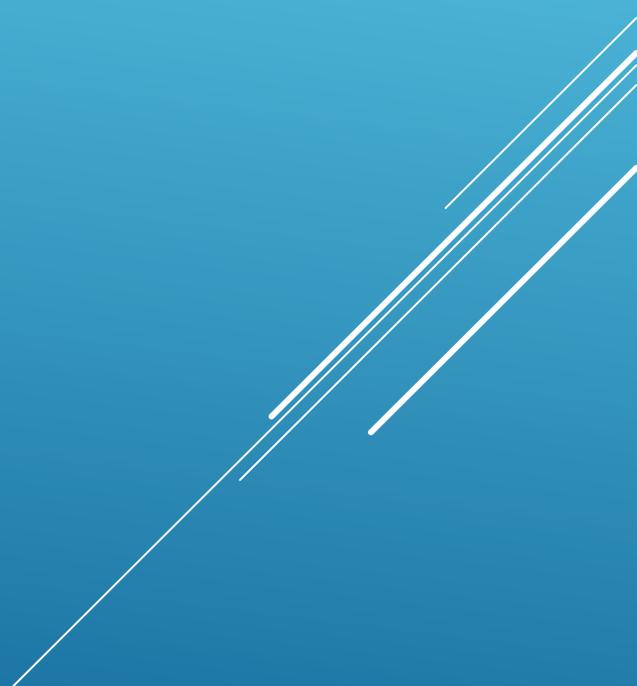
**250 WELLS PUMP GROUNDWATER**

from the underground aquifer for Fresno's drinking water supply

**TREATED & RECLAIMED WASTEWATER**

percolates into the aquifer to aid in recharge

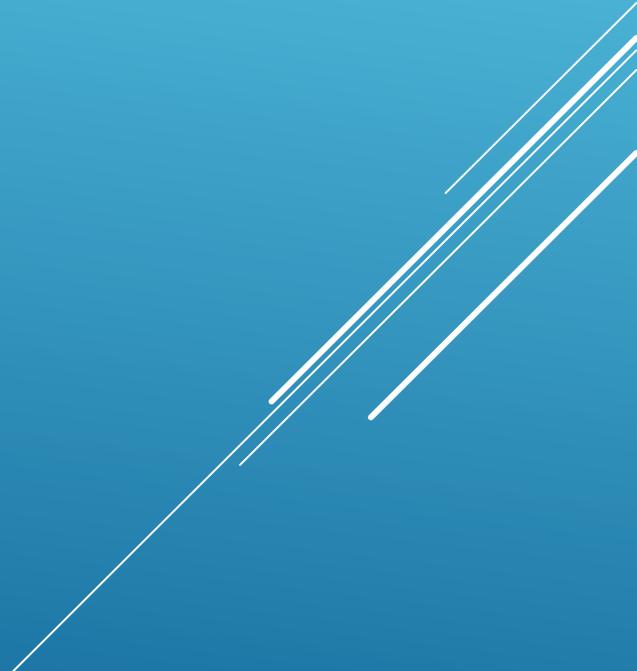
# INTEGRATED REGIONAL WATER MANAGEMENT

- ▶ Model that was Created by the State of California
  - ▶ Provides Monies for Each Region Within the State
  - ▶ Allows for the Participation at the Local Level
  - ▶ Collaboration of Local Entities
  - ▶ Upper Kings River IRWMP
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# DRINKING WATER QUALITY

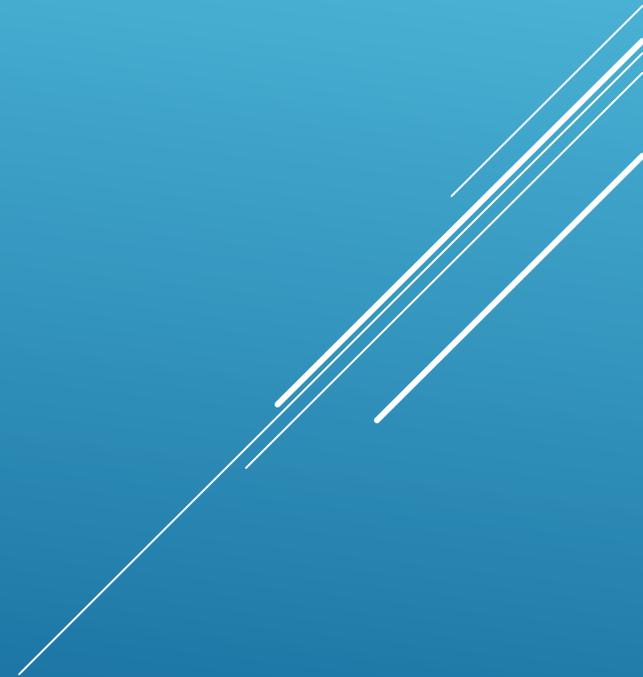
- ▶ Disadvantage Communities need Funding for Studies
  - ▶ Engineering - Develop a Competitive Application Construction Funds
  - ▶ Educational Out-Reach
- 
- A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.

# POSTPONEMENT OF THE WATER BOND

- ▶ Water Bond 2010 (Postponed)
  - ▶ Water Bond 2012 (Postponed)
  - ▶ Water Bond 2014 (Needs to be on the Ballot)
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- A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.



# FALLOW LANDS PERMANENT PLANTINGS REMOVED



# COMMUNITY FOOD BANK – FOOD DISTRIBUTION WESTSIDE COMMUNITY

