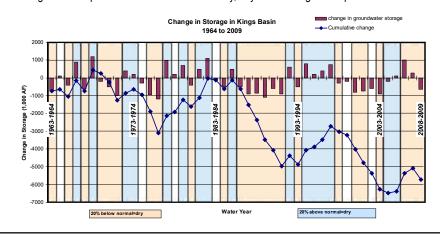
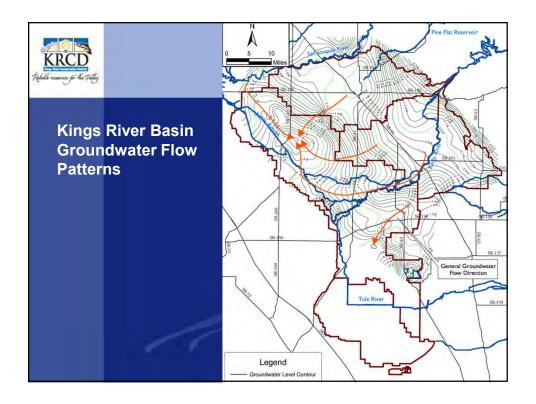


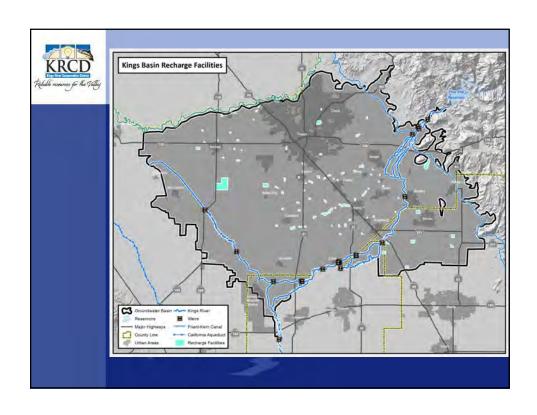


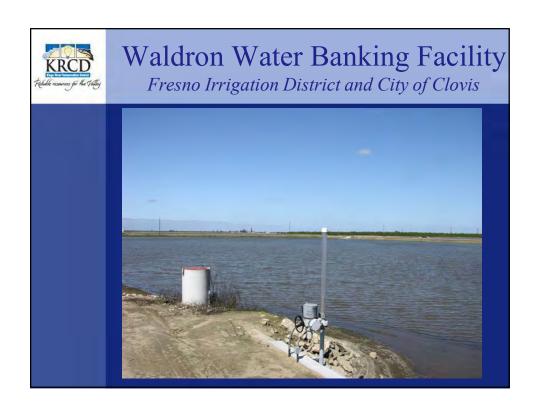
Groundwater Conditions

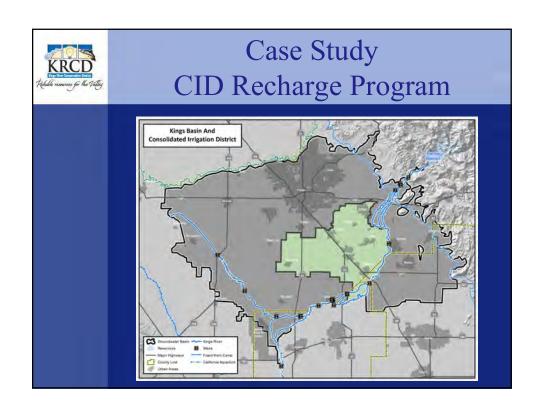
- Regional Supply Characteristics: closed system, conjunctive use basin.
- 93 million acre feet of storage to a depth of 1,000 feet
- Average annual overdraft (1963 to 2009) approx. 120 TAF.
- · Largest GW depression located near Raisin City, beyond the Kings River place of use.

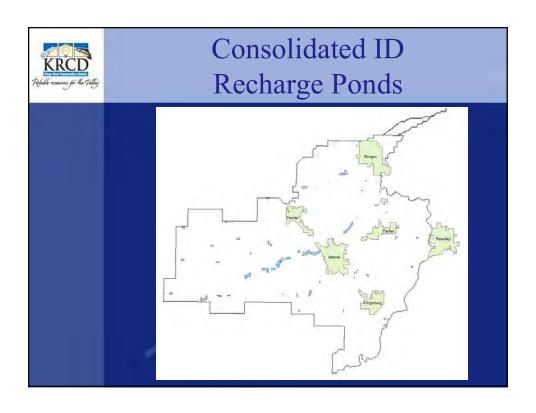


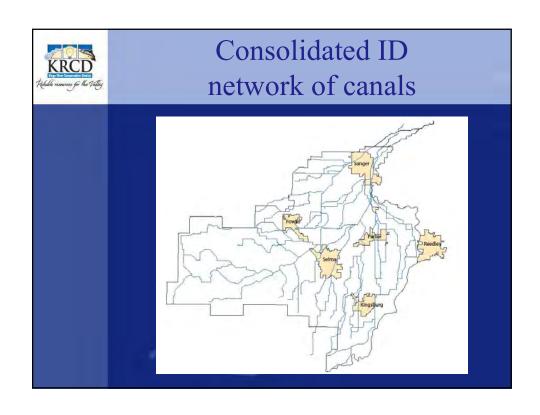




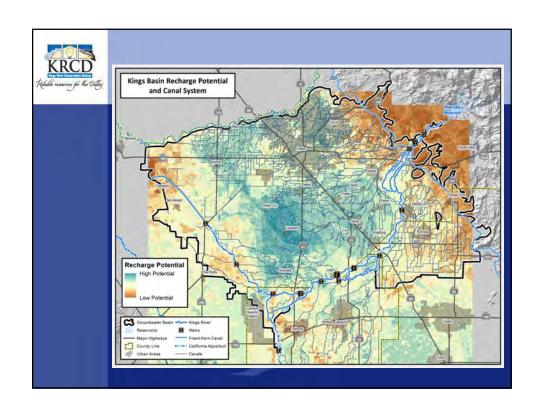




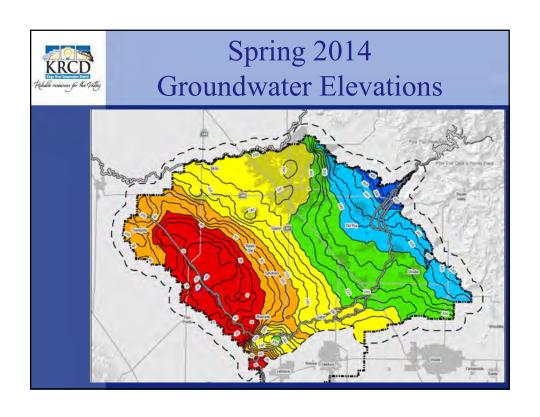


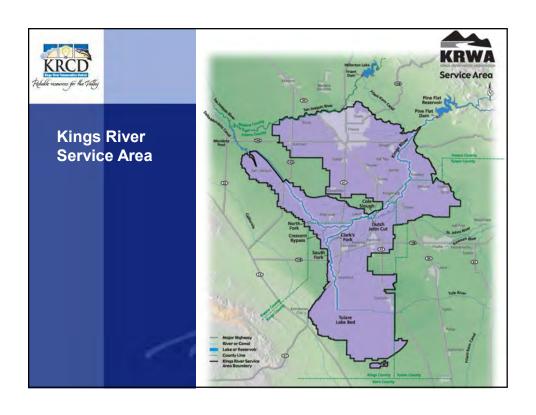


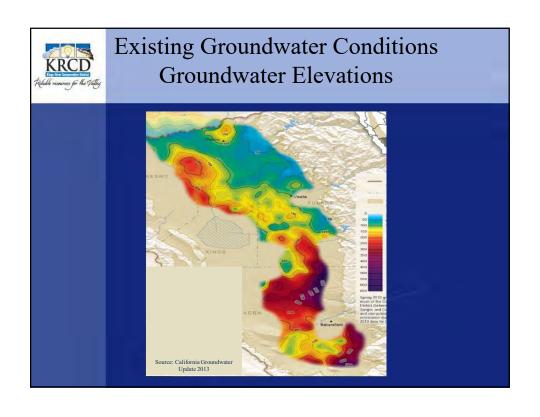


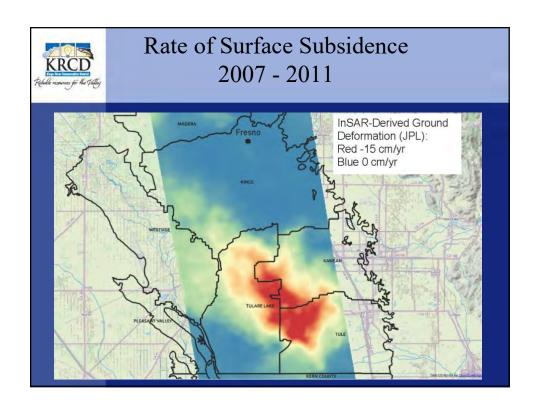


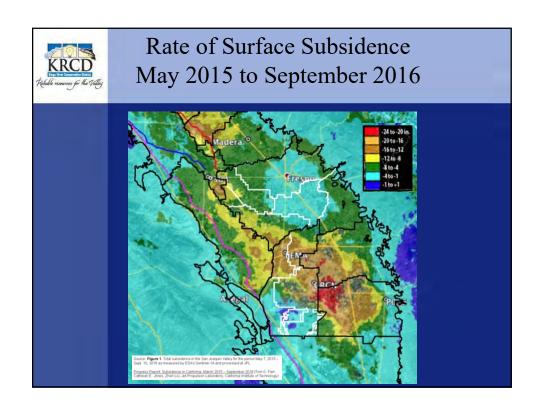




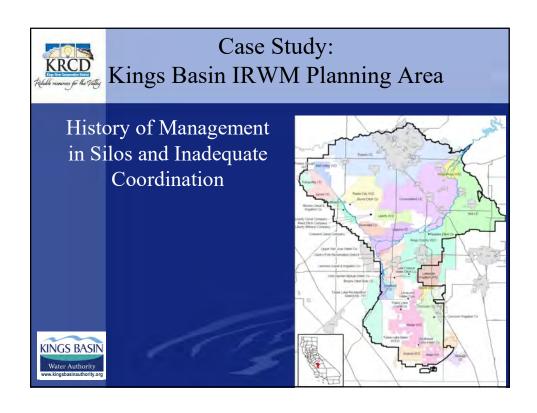


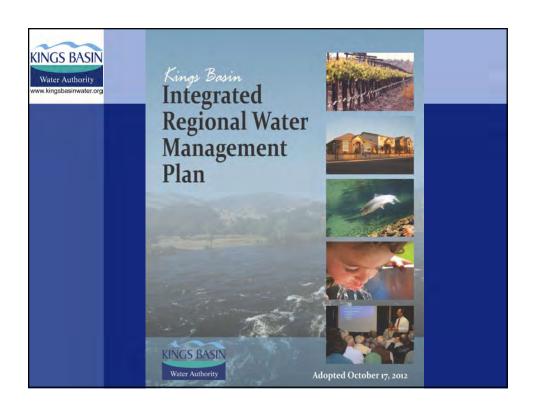














Kings Basin IRWM Plan Goals

- Halt, and ultimately reverse, the current overdraft and provide for sustainable management of surface and groundwater
- Increase the water supply reliability, enhance operational flexibility, and reduce system constraints
- Improve and protect water quality
- Provide additional flood protection
- Protect and enhance aquatic ecosystems & wildlife habitat



Diversity of Water Authority Planning Participation

MEMBERS

Alta Irrigation District City of Dinuba City of Fresno City of Kerman City of Parlier City of Reedley City of Sanger City of Selma County of Fresno County of Tulare Consolidated Irrigation District Fresno Metro. Flood Control Dist. Fresno Irrigation District Kings County Water District Kings River Conservation District

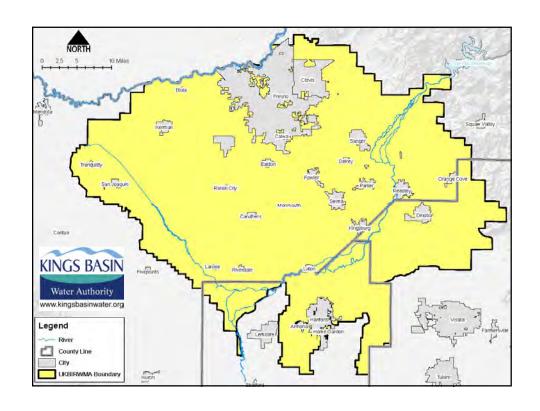
INTERESTED PARTIES

Bakman Water Company Bakman Water Company
Biola Community Services District
California Native Plant Society, Sequoia Chapter Reed Ditch Company
California State University, Fresno
City of Kingsburg
Cross rubile Onlines District
Raisin City Water District
Raisin City Mater District
Riverdale Irrigation District
Riverdale Public Utility District City of Kingsburg City of San Joaquin Community Water Center County of Kings Crescent Canal Company Cutler Public Utilities District East Orosi Community Services District Easton Community Services District El Rio Reyes Conservation Trust Fresno County Farm Bureau Hardwick Water Company James Irrigation District Kings River Conservancy Kings River Water Association Laguna Irrigation District Laton Community Service District Liberty Canal Company Liberty Water District London Community Services District Malaga County Water District Mid-Valley Water District Orange Cove Irrigation District

Orosi Public Utilities District Sanger Environmental Fund Self-Help Enterprises Sierra Club, Tehipite Chapter Sierra Resource Conservation District Sultana Community Services District Terranova Ranch, Inc. Tulare Basin Wildlife Partners UC Cooperative Extension - Fresno

OTHER PARTICIPATION

CA Department of Fish & Game CA Department of Water Resources Center for Collaborative Policy Fresno Audubon Society Kings River Fisheries Program Regional Water Quality Control Board Sierra Nevada Research Institute (UCM) State Water Resources Control Board







Collaborative Approaches to Solving Regional Issues

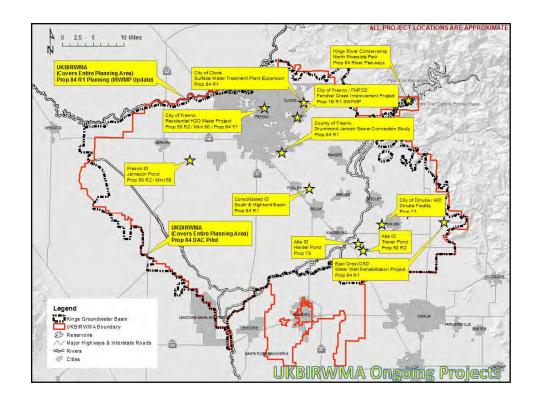
COLLABORATIVE PROJECTS

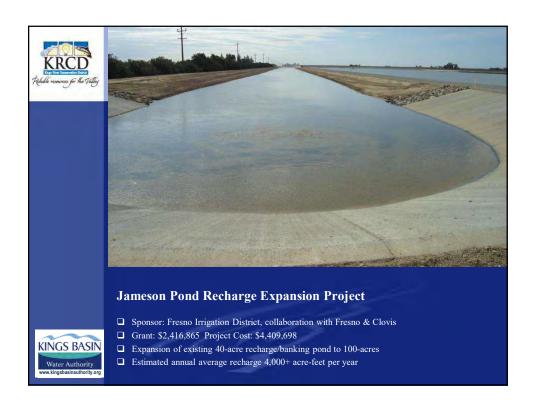
- DAC Drinking water & waste water projects
- Setback levees & sloughs restoration (flood control, habitat creation and in-lieu recharge)
- On-farm and dedicated recharge/banking facilities
- Ag water use efficiency & urban water conservation projects
- Coordinated Basin-level Monitoring (monitoring Groundwater elevations, quality, subsidence; future conditions modeling)
- Community outreach & education
- Integrated Groundwater and Surface-water Model
- Disadvantaged Communities (DACs) Outreach Pilot Study



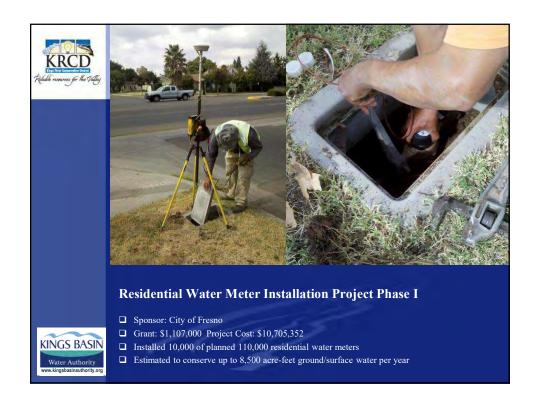


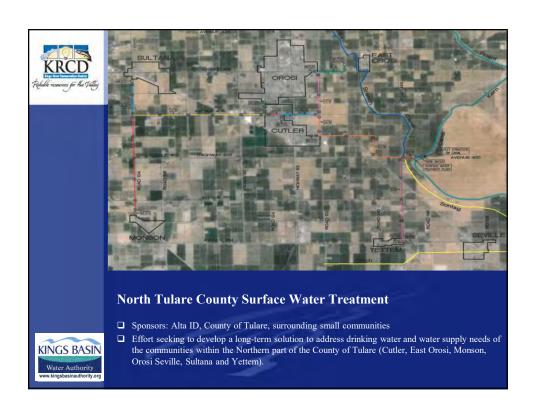




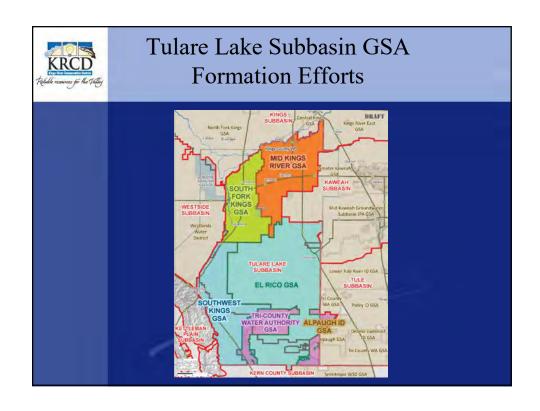
















The Old versus the New

Changes in Water Management

- More regionalized
- New partnerships
 - Cities, counties, DACs
- Leadership change

Challenges in Water Management

- New water management paradigm
- Fracturing of water community
- Limited resources

