

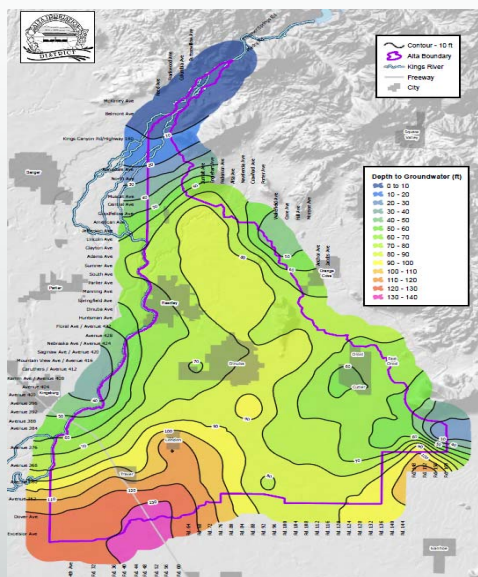
A collaborative approach
to regional water issues

Chris M. Kapheim
General Manager,
Alta Irrigation District
March 2016

Agricultural Water Management Plans

- 3616 AWMP, 1999
- X7-7 AWMP, 2012
- X7-7 AWMP, 2015

Agricultural Water
Management Plans can be
view or downloaded on our
website at
www.altaid.org



3616 Agricultural Water Management Plan, (1999)

- Volumetric pricing and turnout measurement (Year 2000)
- Water banking
- Water efficiency/conservation

Strategic Planning (2000-2006)

- Focus on the question: What is the current and past role for the district versus the future role?
- Develop priorities for the district
 - Emphasis on water quality solutions
 - Conjunctive use
 - Evaluate all sources of water supply
 - Evaluate efficiency in water use
 - Evaluate ability to communicate with a diverse public

Cutler and Orosi PUD's Water Concerns (2005)

- Concern over long-term drinking sustainability
- Joint Board Meeting on August 4, 2005
- Authorized a \$75,000 Study in 2006 to Evaluate Drinking Water Options
 - Alta ID (\$25,000)
 - Cutler PUD (\$25,000)
 - Orosi PUD (\$25,000)

New AID Mission Statement was adopted in May 16, 2007

- Support conjunctive use
- Address water quality solutions
- Address storm water impacts
- Enhance regional role as a water resource agency
- Enhance transparency and communication

Water Banking

- Proposition 13 Funding (DWR)
 - Harder Pond Water Bank
 - Completed 2008
- Proposition 50 funding (State Board)
 - Traver Pond Water Bank
 - Completed 2012
- Conserved yield to serve disadvantaged communities

X7-7 Agricultural Water Management Plans, (2012 & 2015)

- Focus on water efficiency and conservation
- Regional water quality issues and solutions
 - Drinking water project
 - Cost effective implementation

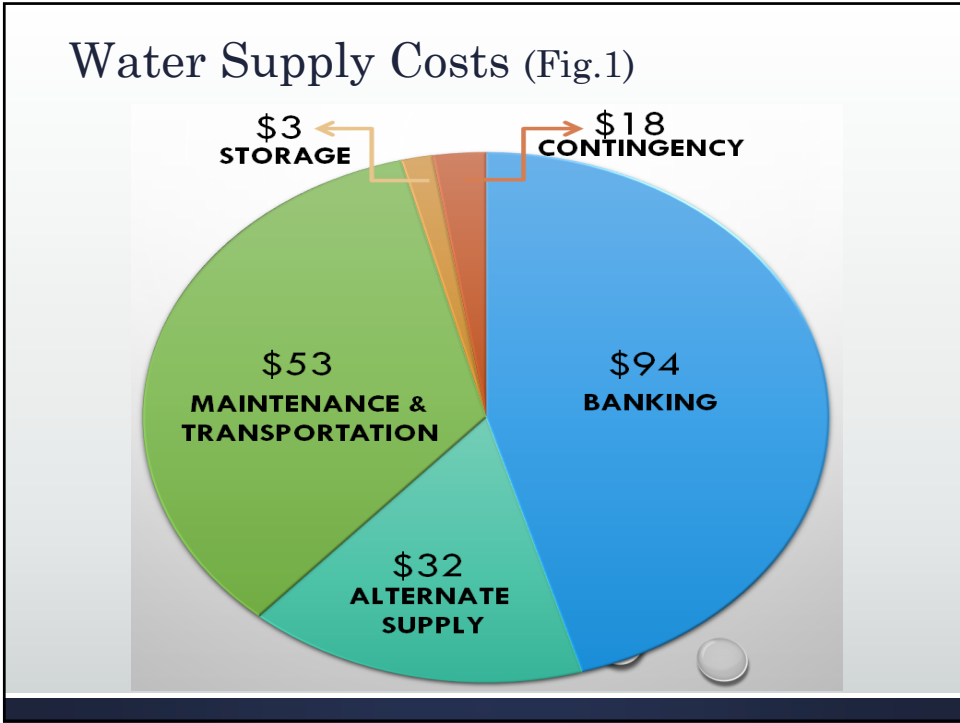
Regional Drinking Water Project

▪ Service Area Map (CWC)



Regional Drinking Water Project Cont'd

- Engineering Study
 - Initial Study Completed in February 2015
 - Addendum Completed in September 2015
 - Water Supply Cost (Fig.1)
 - Total Project Cost (Fig.2)
 - Estimated per month Water User Cost (Fig.3)
 - Remaining Engineering Items to be Completed (Fig.4)



Total Project Cost (Fig.2)

1. TOTAL PLANT COST	\$15,485,100
2. TOTAL PIPELINE COST	\$11,806,117
TOTAL GRANT FUNDING	< \$20,000,000 >
TOTAL PROPOSED LOAN	\$7,291,217

Estimated Remaining Costs (Fig.3)

1.	WATER SUPPLY CONTRACTS	\$42,000
2.	WARREN ACT CONTRACT	\$21,000
3.	USE AGREEMENT FKC / KRWA & TURNOUT PERMIT	\$61,000
4.	EXCHANGE AGREEMENT	\$38,500
5.	OPTION ON WATER TREATMENT PLANT SITE & EASEMENTS ^{<2}	\$23,000
6.	CEQA (N.D.)	\$56,000
7.	SOILS REPORT	\$10,500
8.	INDIVIDUAL DISTRICT AGREEMENTS ON USE OF WELLS	\$14,000
9.	GOVERNANCE	CURRENTLY ONGOING UNDER SEPARATE CONTRACT
10.	ADMINISTRATION	\$10,000
TOTAL		\$ 276000

Schedule (Fig.4)

ITEM No.	TASK	MONTHS											
		DURING GOVERNANCE STUDY						GOVERNANCE COMPLETED					
		1	2	3	4	5	6	1	2	3	4	5	6
1.	WATER SUPPLY CONTRACTS				4	5	6	1	2	3			
2.	WARREN ACT CONTRACT		1	2	3	4	1	2					
3.	USE AGREEMENT FKC/KRWA AND TURNOUT PERMIT		1	2	3	4	1	2					
4.	EXCHANGE AGREEMENT		1	2	3	4	1	2					
5.	OPTION ON WATER TREATMENT PLANT SITE AND EASEMENTS		1	2	3								
6.	CEQA (N.D.)		1	2	3	4	5	6					
7.	SOILS REPORT		1	2	3								
8.	INDIVIDUAL DISTRICT AGREEMENTS ON USE OF WATER WELLS				3	4	5	6	1	2	3		
9.	GOVERNANCE STUDY												
10.	ADMINISTRATION		1	2	3	4	5	6	1	2	3		

Regional Drinking Water Project Cont'd

- Governance
 - RCAC as the facilitator
 - Estimated completion, September 2016

Groundwater Management

- Formation Kings River East GSA
 - MOUs were signed with 15 local agencies
 - Public Hearing was held on March 17, 2016
 - Letter-of-Intent to form a GSA was filed on Tuesday, March 29, 2016
- Legislation

SB 37 (Author: Vidak; Co-authors: Senator Fuller, Assembly Members Mathis, Salas)

- Assembly Water, Parks and Wildlife Committee
- Governance (Fig.5)

Governance (Fig.5)

Voting Members/Representative	Votes	Agencies
Alta Irrigation District	1	
Cities	1	Dinuba, Reedley, & Orange Cove
Drinking Water Districts	1	Sultana CSD, Orosi PUD, Cutler PUD, East Orosi CSD, & London CSD
Water/Irrigation Districts	1	Tri-Valley WD, Hills Valley ID Orange Cove ID & Kings River WD
County of Fresno	1	
County of Tulare	1	
Ag Representative	1	Selected by other elected members
Total Votes	7	

Participation in Regional Water Management Planning

- Connection between drinking water and GSA governance
- Collaborative effort to achieve groundwater sustainability through SGMA
- Effective implementation of water quality solutions
- Balance urban, agricultural and environmental water interests