

BAWSCA
Bay Area Water Supply & Conservation Agency

EBMUD


Santa Clara Valley
Water District

 **CONTRA COSTA
WATER DISTRICT**

ACWD
ALAMEDA COUNTY WATER DISTRICT

SFPUC

WATER
HETCH HETCHY
WATER & POWER
CLEAN WATER


**WATER RESOURCES
ZONE
MANAGEMENT**

Bay Area Water Quality and Supply Reliability Program

Water Supply Sources for Bay Area

- ◆ **31 % Local Surface and Groundwater**
- ◆ **28% State and Federal project water**
- ◆ **19% Mokelumne River**
- ◆ **19% Tuolumne River**

Bay Area Needs and Interests

- ◆ Drinking water quality and water supply reliability vary significantly around the region depending on water supply sources
- ◆ SFPUC and EBMUD customers have very high source water quality but have water supply reliability needs
- ◆ Some agencies, such as ACWD and some agencies within SCVWD, get both Delta and SFPUC water
- ◆ CCWD, Zone 7, and the portions of SCVWD that don't have access to SFPUC water generally have poorer source water quality
- ◆ Some groundwater sources also have water quality issues such as salinity

Bay Area Water Quality and Supply Reliability Project

- ◆ Study in ROD to look at drinking water quality and water supply reliability for Bay Area agencies (SFPUC, SCVWD, CCWD, EBMUD, Zone 7, ACWD, BAWSCA)
- ◆ Process began before ROD signed
- ◆ Phase 1 looked at whether you could meet numeric drinking water objectives from ROD by blending with existing facilities.
- ◆ Conclusion was that it took more “Sierra source” water to blend with delta water than there was available if you were trying to meet numeric objectives

Bay Area Water Quality and Supply Reliability Project

- ◆ Phase 2 near completion
- ◆ Final report being prepared
- ◆ Evaluated a range of projects for both water supply reliability and drinking water quality
- ◆ Project concepts included desalination, recycling, enhanced conservation, and expansion of storage
- ◆ In addition, looked at sample portfolios that combined project concepts

Bay Area Water Quality and Supply Reliability Project Draft Conclusions

- ◆ **Regional approach to addressing water quality and water supply is complex**
- ◆ **Viable actions exist but there is no simple solution for water quality and water supply**
- ◆ **Improvements to water quality in the Delta will be necessary as part of an integrated strategy to meet the long-term objectives of ELPH**
- ◆ **Complete study results and final conclusions will be presented at future Drinking Water Subcommittee meeting**

Bay Area Integrated Regional Water Management Plan

- ◆ Water supply agencies now working with other water management interests to develop a integrated regional water management plan
- ◆ Not just a drinking water quality plan
- ◆ Includes water supply, water quality, wastewater, flood control, storm water, watershed management and wetlands
- ◆ Geographic scope expanded beyond BAWQWSRP to include entire Bay Region by adding Napa, Sonoma, Solano, and Marin counties