



**YOLO COUNTY FLOOD CONTROL &
WATER CONSERVATION DISTRICT**

Water Management Plan



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**Prepared By:
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Consulting Engineers**

**Cache Creek
Document**

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YOLO COUNTY FLOOD CONTROL &
WATER CONSERVATION DISTRICT

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2. Water Quality

The District does not routinely monitor the quality of groundwater. Outside the cities, the monitoring of groundwater quality is limited and intermittent, thus data for the detection of trends or changes in groundwater quality is not available.

Boron in groundwater in the lower Cache Creek area ranges from 2 to 3 ppm. The source of boron was determined by the USGS to be from Cache Creek as opposed to upwelling from deeper stratum.

Detailed water quality testing is performed by the cities and UCD. Woodland has experienced nitrate contamination in certain wells. The City of Davis has experienced selenium contamination.

In January 1999, the Central Valley Regional Water Quality Control Board reported several sites in Davis, Woodland, West Sacramento, and Dunnigan with MTBE contamination. The District exercises no regulatory authority for handling groundwater contamination. This is handled by the state and county.

Although DWR performs some water quality tests outside the cities, the quality of groundwater is not well documented.

3. Intrusion of Saline Water

The intrusion of saline or brackish water into what was historically freshwater is generally thought to be associated with coastal areas (e.g., the Salinas Valley). However, the intrusion of saline or brackish water could occur in the Sacramento Valley, including eastern Yolo County.