

**Response to Contra Costa Water District Comments dated August 15, 1997 from Richard Denton**

1. The District's new Los Vaqueros Intake at Old River was added to the Drinking Water Intakes identified in the appropriate figures.
2. The target water quality values for chloride and TDS were evaluated and changed, as needed, to conform with the criteria in the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary. May 1995. 95-1WR. State Water Resources Control Board. These values associated with drinking water intakes are the following:

**Chloride:**     250 mg/l (which applies from October - September during all water year types for the Contra Costa Canal at Pumping Plant #1, West Canal at mouth of Clifton Court Forebay, Delta Mendota Canal at Tracy Pumping Plant, Barker Slough at North Bay Aqueduct intake and Cache Slough at City of Vallejo's intake).  
150 mg/l (which applies to a certain number of days per year, depending on the water year type, to the Contra Costa Canal at Pumping Plant #1 and the San Joaquin River at Antioch Water Works intake).  
**Note:** Different values are associated with agricultural intakes.

**TDS:**           <220 mg/l (10 year average)  
<440 mg/l (monthly average)  
**Note:** The values for TDS were developed in association with the CALFED Water Quality Parameter Assessment Team (PAT). Different values are associated with agricultural intakes.

Target water quality values for pathogens associated with drinking water intakes were developed in association with the CALFED Water Quality Parameter Assessment Team (PAT). These values are the following:

**Pathogens:**     1 oocyst/100 ml for Giardia and Cryptosporidium

**Nutrients:**     10 mg/l. It was noted as a footnote to the water quality values table that this US EPA Current MCL (1995) was related to human health, not reservoir management issues, and may not be adequate to protect urban water reservoirs from potential algal blooms and taste and odor problems. The CALFED Water Quality Parameter Assessment Team also noted this problem but did not develop an alternate value for nutrients.

3. Chloride was added to the list of parameters of concern for Urban Uses.
4. The paragraph provided on chloride was added to the section 3.2.1 discussion of chloride.
5. Chloride was removed from the disinfection by-products subsection.

6. The phrase "(5) health concern for people on low sodium diets" was added to the general discussion of salinity. The paragraph provided on chloride and TDS was added to the section 3.2.1 discussion of salinity.

7. Farm runoff will be considered for its potential contribution to *Cryptosporidium* levels in the action strategies for the Water Quality Program.