




**Issue 4c**

**Potential New Objectives**

**CCWD Compliance with Treated  
Water Regulations**

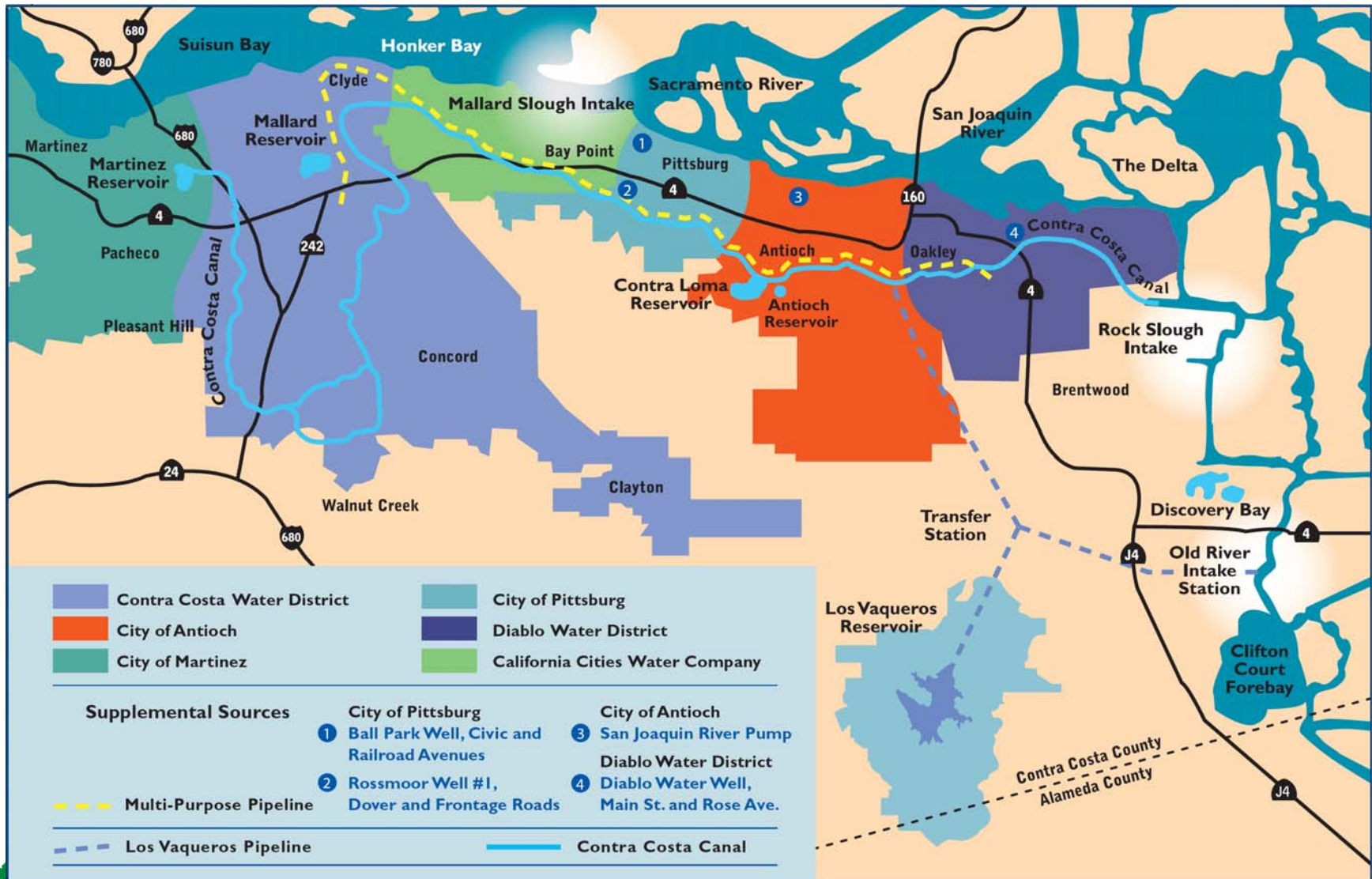
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**Contra Costa Water District**



# CCWD meets existing regulations but the future will be a challenge

- Current safe drinking water regulations disinfection and DBP limits are being met
  - ❖ Running Average Annual MCLs all met
- As new DBPs are regulated, need to implement new combination of disinfectants
- Unless source water quality in the Delta is restored, new regulations will be much harder to meet
  - ❖ Lower MCLs
  - ❖ Localized rather than system-wide compliance
  - ❖ Further Delta water quality degradation

# CCWD and Its Municipal Customers



# All Treatment Plants in Service Area are in Compliance

2002 Water Quality Report												
	PHG (MCLG)	MCL	CCWD		City of Antioch		City of Pittsburg		City of Martinez		Diablo Water District	
			Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
TTHM (ug/L)	n/a	80	36	18 - 53	48	33 - 67	4.3	8.9 - 13	7.5	1.5 - 13	ND	ND - 4.7
Bromate (ug/L)	(0)	10	ND	ND - 7.3	NR	NR	NR	NR	ND	ND - 7	6.0	ND - 12
HAA (ug/L)	n/a	60	12	5 - 27	6.4	ND - 11.5	10.1	1.0 - 8.5	2	ND - 4.7	2.8	ND - 7.4
2003 Water Quality Report												
	PHG (MCLG)	MCL	CCWD		City of Antioch		City of Pittsburg		City of Martinez		Diablo Water District	
			Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
TTHM (ug/L)	n/a	80	32.1	8.5 - 69.7	49	35 - 49	26.7	4 - 110	8.5	ND - 15	ND	ND - 1.9
Bromate (ug/L)	--	10	ND	ND - 14	NR	NR	NR	NR	ND	ND	ND	ND - 14
HAA (ug/L)	--	60	8	ND - 14.8	7	1.6 - 11	4.8	3.6 - 6.8	1.9	ND - 7.5	1.4	ND - 2.9