




Issue 4c

Potential New Objectives

**CCWD Compliance with Treated
Water Regulations**

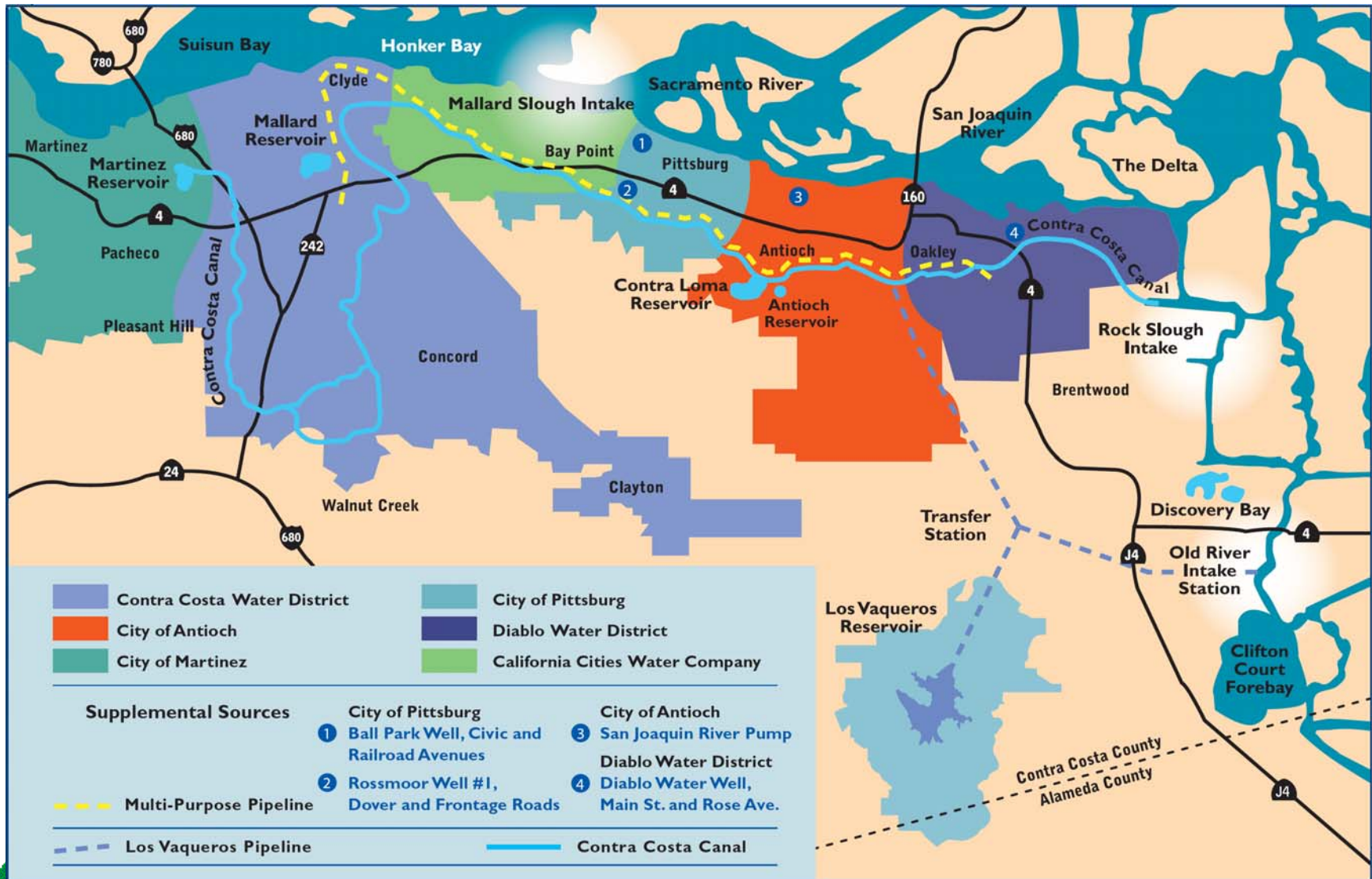
Dave Huey
Operations Manager
Contra Costa Water District



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