

**TABLE 4.5-13
ANTIOCH TOXIC AIR CONTAMINANT CONCENTRATIONS, 1994-1995**

Toxic Air Contaminant	Antioch Station ^a		As Percent of Bay Area	
	Mean Concentration (ppb) ^{b,c}		Mean Concentration ^{c,d}	
	1994	1995	1994	1995
Vinyl Chloride	< 0.30	< 0.30	100%	100%
Methylene Chloride	0.35	0.33	50%	19%
Chloroform	0.02	0.03	200%	150%
Ethylene Dichloride	< 0.10	< 0.10	100%	100%
Methyl Chloroform	0.27	0.25	42%	56%
Carbon Tetrachloride	0.13	0.14	118%	127%
Trichloroethylene	0.04	0.08	80%	133%
Benzene	1.10	0.73	85%	66%
Ethylene Dibromide	< 0.02	< 0.02	100%	100%
Perchloroethylene	0.12	0.07	48%	37%
Toluene	1.85	1.34	69%	57%
1,3-Butadiene	0.29	0.16	88%	84%

^a Data for Antioch is from the air quality monitoring station on West 10th Street, which is located approximately 4.3 miles east-southeast of the Pittsburg Power Plant and 3.1 west of the Contra Costa Power Plant.

^b ppb = parts per billion.

^c "Mean Concentration" is the arithmetic average of the air samples collected in each of the given years at the 15 monitoring stations in the Bay Area. In calculating the mean, samples with concentrations less than the "level of detection" (LOD) were assumed to be equal to one-half the LOD concentration.

^d Percentages below 100 percent indicate Antioch levels are below the average levels in the Bay Area region. Percentages above 100 percent indicate Antioch levels above the average for the Bay Area region.

SOURCES: Bay Area Air Quality Management District, Toxic Air Contaminant Control Program, *Annual Report, 1994*, August 1995; Bay Area Air Quality Management District, Toxic Air Contaminant Control Program, *Annual Report, 1995*, November 1996.