TABLE 4.5-19

LAKE COUNTY AIR BASIN CRITERIA AIR POLLUTANT CONCENTRATIONS, 1992-1996

Pollutant	State Standard[c]	Monitoring Data by Year[a] 1992	1993	1994	1995	1996
Ozone:						
Highest 1-hr. average, ppm[b]	0.09	0.08	0.08	0.09	0.07	0.09
Number of exceedences		0	0	0	0	0
Particulate Matter (PM-10):						
Highest 24-hr. average, $\mu g/m^3$[b]	50	22	30	21	30	26
Exceedences/Samples[d]		0/58	0/61	0/61	0/61	0/61
Annual Geometric Mean, $\mu g/m^3$	30	11.1	9.9	10.1	9.6	9.1
Hydrogen Sulfide (H_2S):						
Highest 1-hr. average, ppm						
(Anderson Springs station)	0.03	0.01	0.01	0.01	0.01	0.01
(Glenbrook - High Valley Road station)	0.03	0.01	0.02	0.01	0.03	0.01
(Hobergs – Pine Summit station)	0.03	0.01	0.01	0.01	0.05	0.01

a Data for ozone and PM-10 are from the air quality monitoring station in Lakeport. The hydrogen sulfide data are listed with the applicable monitoring station.

b ppm = parts per million; $\mu g/m^3$ = micrograms per cubic meter.

c State standards for ozone and PM-10 are not to be exceeded; the state standard for hydrogen sulfide is not to be equaled or exceeded.

d PM-10 is usually measured every sixth day (rather than continuously like the other pollutants). For PM-10, "exceedences/samples" indicates the number of exceedences of the state standard that occurred in a given year and the total number of samples that were taken that year.

SOURCE: California Air Resources Board, *California Air Quality Data*, 1992, 1993, 1994, 1995, and 1996.