SUMMARY OF AIR POLLUTION IN THE BAY AREA - 1998

MONITORING STATIONS	OZONE				CARBON MONOXIDE		NITROGEN DIOXIDE		SULFUR DIOXIDE		PM_{10}		
	MAX HR	NAT'L DAYS	CAL DAYS	3-YR AVG	MAX 8-HR	NAT'L DAYS	MAX HR	CAL DAYS	MAX 24-HR	CAL DAYS	ANN GEO MEAN	NAT'L DAYS	CAL DAYS
North Counties	(pphm)				(ppm)		(pphm)		(ppb)		($\mu g/m^3$)		
Napa	13	1	3	0.3	3.9	0	6	0	-	-	15.6	0	1
San Rafael	7	0	0	0.0	3.3	0	6	0	-	-	18.7	0	1
Santa Rosa	7	0	0	0.0	3.2	0	6	0	-	-	16.6	0	1
Vallejo	12	0	3	0.0	5.3	0	6	0	6	0	15.0	0	1
Coast & Central Bay													
Oakland	6	0	0	0.0	4.6	0	-	-	-	-	-	-	-
San Francisco	5	0	0	0.0	4.0	0	8	0	6	0	20.1	0	1
San Pablo	7	0	0	0.0	2.4	0	6	0	8	0	-	-	-
Eastern District													
Bethel Island	12	0	10	0.3	1.6	0	5	0	9	0	17.5	0	2
Concord	15	2	13	1.0	3.8	0	7	0	9	0	16.6	0	1
Fairfield	12	0	9	0.0	-	-	-	-	-	-	-	-	-
Livermore	15	6	21	4.7	2.4	0	7	0	-	-	19.4	0	2
Martinez	-	-	-	-	-	-	-	-	7	0	-	-	-
Pittsburg	10	0	4	0.0	2.7	0	6	0	14	0	-	-	-
South Central Bay													
Fremont	12	0	7	0.0	2.8	0	10	0	-	-	20.2	0	1
Hayward	10	0	4	0.0	-	-	-	-	-	-	-	-	-
Mountain View	10	0	2	0.0	-	-	-	-	-	-	-	-	-
Redwood City	7	0	0	0.0	4.1	0	6	0	-	-	20.7	0	0
San Leandro	11	0	2	0.0	-	-	-	-	-	-	-	-	-
Santa Clara Valley													
Gilroy	14	2	10	0.7	-	-	-	-	-	-	-	-	-
Los Gatos	13	1	5	0.7	-	-	-	-	-	-	-	-	-
San Jose, 4th Street	15	1	4	0.3	6.0	0	8	0	-	-	22.5	0	3
San Jose East	13	1	5	0.3	-	-	-	-	-	-	-	-	-
San Jose, Tully Road	-	-	-	-	-	-	-	-	-	-	19.6	0	1
San Martin	14	3	15	1.0	-	-	-	-	-	-	-	-	-
Bay Area Calendar Days over Standard		**8**	**29**			**0**		**0**		**0**		**0**	**5**

Explanation of Terms

MAX HR / MAX 8-HR / MAX 24-HR
The highest average contaminant concentration over a one-hour period, an eight-hour period, or a 24-hour period.

NAT'L DAYS
The number of days during the year for which the monitoring station recorded contaminant concentration levels in excess of the national standard.

CAL DAYS
The number of days during the year for which the station recorded contaminant levels in excess of the California standard.

3-YR AVG
The average number of days per year in excess of the national ozone standard, based on the previous three-year period. *An average higher than 1.0 means the region will be considered out of attainment by the EPA.*

PM_{10}
Particulate matter under ten microns in size. (PM_{10} is only sampled every sixth day. *Actual* days over standard can be estimated as six times the number shown.)

ANN GEO MEAN
The annual geometric mean concentration level for PM_{10}.

Concentrations

ppm = parts per million
pphm = parts per hundred million
ppb = parts per billion
$\mu g/m^3$ = micrograms per cubic meter

HEALTH-BASED AMBIENT AIR QUALITY STANDARDS

	California Standard	National Standard
Ozone	9 pphm (1-hour avg.)	12 pphm (1-hour avg.)
Carbon Monoxide	9 ppm (8-hour avg.)	9 ppm (8-hour avg.)
Nitrogen Dioxide	25 pphm (1-hour avg.)	—
Sulfur Dioxide	40 ppb (24-hour avg.)	140 ppb (24-hour avg.)
Particulates < 10 microns	30 $\mu g/m^3$ (ann. geo. mean) 50 $\mu g/m^3$ (24-hour avg.)	— 150 $\mu g/m^3$ (24-hour avg.)