

**APPENDIX C-3**

**AIR MONITORING PROGRAMS**

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
1999 ANNUAL REPORT  
DECEMBER 2000**

**AIR MONITORING PROGRAMS**

<b>Pollutant</b>	<b>Sample Medium</b>	<b>Agency</b>	<b>Analysis</b>	<b>Frequency</b>	<b>Site</b>	<b>Collocated Site</b>
PM10	Quartz Fiber Filter	BAAQMD	Mass	Every 6th day	Fremont Livermore Pittsburg Concord Bethel Island San Rafael Napa San Francisco - Arkansas St. Redwood City San Jose - 4th St. San Jose - Tully Rd. Vallejo Santa Rosa	None
PM10	Quartz Fiber Filter	BAAQMD	Chemical Sulfate Nitrate Chloride Ammonium Potassium	Every 6th day	Fremont Livermore Pittsburg Concord Bethel Island San Pablo San Rafael Napa San Francisco - Arkansas St. Redwood City San Jose - 4th St. San Jose - Tully Rd. Vallejo Santa Rosa	None
PM10	Quartz Fiber Filter	CARB	PAH	Every 6th day	Fremont San Francisco - Arkansas St. San Jose - 4th St.	None
PM10	Quartz Fiber Filter	EHLB	PAH	Every 6th day	Fremont Pittsburg Concord San Pablo San Jose - 4th St. Santa Rosa	None

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<b>Toxics</b>	Canister	CARB	Chemical Benzene 1,3-Butadiene Carbon tetrachloride Chloroform Methylene Chloride Ethyl benzene Ethylene dibromide Ethylene dichloride meta-Dichlorobenzene meta/para-Xylene ortho-Dichlorobenzene ortho-Xylene para-Dichlorobenzene Perchloroethylene Styrene Trichloroethylene Methyl chloroform Toluene	Every 12th day	Fremont San Francisco - Arkansas St. San Jose - 4th St.	None
<b>Toxics</b>	Canister	BAAQMD	Chemical Vinyl chloride Dichloromethane Chloroform Ethylene Dichloride 1,1,1-Trichloroethane Carbon tetrachloride Trichloroethylene Benzene Ethylene dibromide Perchloroethylene Toluene 1,3-Butadiene Methyl tertiary-butyl ether	Every 12th day	Livermore Oakland - Davie Stadium San Leandro Crockett Concord Concord - Arnold Ind. Way Bethel Island Richmond - 7 <sup>th</sup> St. San Rafael Ft. Cronkhite Napa San Francisco - Arkansas St. Redwood City San Jose - 4th St. Vallejo Santa Rosa	San Francisco - Arkansas St.

<b>Pollutant</b>	<b>Sample Medium</b>	<b>Agency</b>	<b>Analysis</b>	<b>Frequency</b>	<b>Site</b>	<b>Collocated Site</b>

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Total Metals (TSP Lo-Vol)	Teflon Filter	CARB	Chemical Total Chromium Manganese Nickel Lead Copper Zinc Aluminum Bromine Barium	Every 12th day	Fremont San Francisco - Arkansas St. San Jose - 4th St.	None
Total Metals (TSP Lo-Vol)	Cellulose Filter	CARB	Chromium VI	Every 12th day	Fremont San Francisco - Arkansas St. San Jose - 4th St.	None
Carbonyls	Solid Adsorbent Cartridge	CARB	Acetaldehyde Formaldehyde Methyl Ethyl Ketone	Every 12th day	Fremont Concord San Pablo San Francisco - Arkansas St. San Jose - 4th St.	None
PM2.5	Teflon Filter	BAAQMD	Mass	Every 6th day (summer) & Every day (winter)	Concord San Francisco - Arkansas St. San Jose - 4th St. San Jose - Tully Rd.	Livermore San Francisco - Arkansas St. San Jose - 4th St. (Met One BAM)
PM2.5	Teflon Filter	BAAQMD	Mass	Every 6th day (summer) & Every 3rd day (winter)	Fremont Livermore Redwood City Vallejo Santa Rosa	
PM2.5	Teflon Filter	BAAQMD	Mass	Every 6th day		Redwood City Concord