

**APPENDIX C-3**

**AIR MONITORING PROGRAMS**

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
TOXIC AIR CONTAMINANTS  
2000 ANNUAL REPORT  
DECEMBER 2001**

**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>
<b>PM10</b>	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
<b>PM10</b>	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
<b>PM10</b>	Quartz Fiber Filter	CARB	PAH	Every 6th day	Fremont San Francisco - Arkansas St. San Jose - 4th St.	None
<b>PM10</b>	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 Methyl tertiary-butyl ether	Every 12th day	Livermore Oakland - Davie 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.

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<b>Total Metals (TSP Lo-Vol)</b>	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
<b>Total Metals (TSP Lo-Vol)</b>	Cellulose Filter	CARB	Chromium VI	Every 12th day	Fremont San Francisco - Arkansas St. San Jose - 4th St.	None
<b>Carbonyls</b>	Solid Adsorbent Cartridge	CARB	Acetaldehyde Formaldehyde Methyl Ethyl Ketone	Every 12th day	Fremont San Francisco - Arkansas St. San Jose - 4th St.	None
<b>PM2.5</b>	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)
<b>PM2.5</b>	Teflon Filter	BAAQMD	Mass	Every 6th day (summer) & Every 3rd day (winter)	Fremont Livermore Redwood City Vallejo Santa Rosa	
<b>PM2.5</b>	Teflon Filter	BAAQMD	Mass	Every 6th day		Redwood City Concord