

AIR MONITORING PROGRAMS

PM10 BAAQMD Agency: Sample medium: Quartz fiber filter Frequency: Every 6th day Analysis Site Collocated site Bethel Island Mass Napa Chemicals: Concord Redwood City Ammonium Fremont Chloride Livermore Nitrate Napa Potassium Pittsburg Sulfate Redwood City San Francisco - Arkansas St. San Jose - Jackson St. San Jose - Tully Rd. San Pablo San Rafael Santa Rosa Vallejo **CARB** Agency: Sample medium: Quartz fiber filter Frequency: Every 6th day Analysis_ Site Collocated site_ Mass San Francisco - Bayview/Hunter's Pt. None Chemicals: Ammonium Chloride Nitrate Potassium Sulfate PAH Fremont None San Francisco - Arkansas St. San Francisco - Bayview/Hunter's Pt. San Jose - Jackson St. Agency: **CARB** Quartz fiber filter Sample medium: Frequency: One sample per month Collocated site_ **Analysis** Site Elemental carbon San Francisco - Bayview/Hunter's Pt. None

AIR MONITORING PROGRAMS

TOXICS

Agency: BAAQMD
Sample medium: Canister
Frequency: Every 12th day

Analysis _____ Site _____ Collocated site

1,1,1-TrichloroethaneBethel IslandSan Francisco - Arkansas St.1.1.2 TrichlorotrifluoroethaneConcord

1,1,2 TrichlorotrifluoroethaneConcord1,3-ButadieneCrockettAcetoneFt. CronkhiteBenzeneLivermoreCarbon tetrachlorideMartinezChloroformNapa

Dichloromethane Oakland – Filbert St.

Ethylbenzene Pittsburg
Ethylene dibromide Redwood City
Ethylene Dichloride Richmond – 7th St.

M/P Xylene San Francisco - Arkansas St.

Methyl ethyl ketone San Jose – Jackson St.

Methyl tertiary-butyl etherSan LeandroO-XyleneSan PabloPerchloroethyleneSan RafaelTolueneSanta RosaTrichloroethyleneSunnyvaleTrichlorofluoromethaneVallejo

Vinvl chloride

Agency: CARB
Sample medium: Canister
Frequency: Every 12th day

Analysis Site Collocated site

1,1,1-TrichloroethaneDichloromethaneFremontNone1,3-ButadieneEthylbenzeneSan Francisco – Arkansas St.

Acetone m/p-Xylene San Jose – Jackson St

Acetonitrile Methyl tertiary-butyl ether Acrolein o-Dichlorobenzene

Acrolyonitrile o-Xylene

Benzene p-Dichlorobenzene Bromomethane perchloroethylene

Carbon disulfide Styrene
Carbon tetrachloride Toluene

Chloroform trans-1,3-Dichloropropene

cis-1,3-Dichloropropene Trichloroethylene

AIR MONITORING PROGRAMS

TOXICS (cont)

Agency: CARB
Sample medium: Canister
Frequency: Every 6th day

Analysis _____ Site _____ Collocated site

Acetone Dichloromethane San Francisco - Bayview/Hunter's Pt. None Acetonitrile Ethylbenzene

Acrolein m/p-Xylene
Acrolyonitrile o-Dichlorobenzene

1,1,1-Trichloroethane o-Xylene

1,3-Butadiene p-Dichlorobenzene Benzene perchloroethylene

Bromomethane Styrene Carbon disulfide Toluene

Carbon tetrachloride trans-1,3-Dichloropropene
Chloroform Trichloroethylene
cis-1,3-Dichloropropene Perchloroethylene

TOTAL METALS

Agency: CARB
Sample medium: Teflon filter
Frequency: Every 12th day

Analysis _____ Site _____ Collocated site

Aluminum Phosphorus Fremont None

Antimony Potassium San Francisco - Arkansas St.
Barium Rubidium San Jose - Jackson St.

Bromine Selenium Calcium Silicon Chlorine Strontium Sulfur Chromium Cobalt Tin Copper Titanium Uranium Iron Vanadium Lead Manganese Yttrium

Mercury Zinc
Molybdenum Zirconium

Nickel

AIR MONITORING PROGRAMS

TOTAL METALS (cont)						
Agency: Sample medium: Frequency:	CARB Teflon filter Every 6th day					
Analysis		Site	Collocated site			
Aluminum	Nickel	San Francisco - Bayview/Hunter's Pt.	None			
Antimony	Phosphorus					
Arsenic	Potassium					
Barium	Rubidium					
Bromine	Selenium					
Calcium	Silicon					
Chlorine	Strontium					
Chromium	Sulfur					
Cobalt	Tin					
Copper	Titanium					
Iron	Uranium					
Lead	Vanadium					
Manganese	Yttrium					
Mercury	Zinc					

Molybdenum

Zirconium

HEXAVAL	ENT CHROMIUM		
Agency: Sample medium: Frequency:	CARB Cellulose filter Every 12th day		
Analysis Chromium VI		Site Fremont San Francisco - Arkansas St. San Jose - Jackson St.	Collocated site None
Agency: Sample medium: Frequency:	CARB Cellulose filter Every 6th day		
Analysis Chromium VI		Site San Francisco - Bayview/Hunter's Pt.	Collocated site None

AIR MONITORING PROGRAMS

CARBONYLS

Agency: **CARB**

Sample medium: Solid adsorbent cartridge

> Frequency: Every 12th day

Site Collocated site

Acetaldehyde Fremont

Formaldehyde San Francisco - Arkansas St. Methyl Ethyl Ketone San Jose - Jackson St.

> Agency: **CARB**

Sample medium: Solid adsorbent cartridge

> Frequency: Every 6th day

Collocated site **Analysis** Site

Acetaldehyde San Francisco - Bayview/Hunter's Pt. None

Formaldehyde Methyl Ethyl Ketone

PM2.5

Agency: **BAAQMD** Sample medium: **Teflon filer**

> Frequency: Every 6th day (summer) and every day (winter)

Collocated site_ Analysis_ Site

Mass Concord (Met One BAM continuous PM2.5)

Oakland - Filbert St. San Francisco - Arkansas St.

San Jose - Jackson St. Livermore

> San Jose - Tully Rd. San Francisco - Arkansas St. San Francisco - Bayview/Hunter's Pt.

Redwood City

San Jose - Jackson St.

Vallejo

None

Agency: **BAAQMD** Sample medium: Teflon filer

> Frequency: Every 6th day (summer) and every 3rd day (winter)

Collocated site_ Analysis Site Mass Fremont See above

> Livermore Redwood City Santa Rosa

Vallejo

AIR MONITORING PROGRAMS

PM2.5 (cont)				
Agency: Sample medium: Frequency:	BAAQMD Teflon filer Every 6th day			
Analysis Mass		Site	Collocated site Concord	
Agency: Sample medium: Frequency:	EPA Teflon filer Every 3rd day			
Analysis		Site	Collocated site	
Mass	Cation Ammonium	San Jose - Jackson St.	None	
Carbon	Sodium			
Total	Potassium			
Organic				
Elemental	Anion			
Carbonate	Nitrate			
	Sulfate			

AIR MONITORING PROGRAMS

DIOXINS					
Agency: CARB					
Sample medium: Polyurethane foam					
Frequency:	20-24 days every 28-day period				
Analysis		Site	Collocated site		
Polychlorinated dibenzo-p-dioxins		Livermore	None		
		Richmond - 7th St.			
		San Jose - JacksonSt.			
Sample medium:	Quartz fiber filter				
Frequency:	20-24 days every 2	20-24 days every 28-day period			
Analysis		Site	Collocated site		
Polychlorinated dibenzofu	rans	Livermore	None		
Dioxin-like polychlorinated	l biphenyls	Richmond - 7th St.			
		San Jose - JacksonSt.			
Agency:	EPA				
Sample medium:	Polyurethane foan	n nlua			
Frequency:	24 days every 28-day period, four times/year				
Analysis		Site	Collocated site		
Polychlorinated dibenzo-p-dioxins		Fort Cronkhite	None		
,		San Francisco - Arkansas St.			
Sample medium:	Quartz fiber filter				
Frequency:	24 days every 28-c	day period, four times/year			
Analysis		Site	Collocated site		
Polychlorinated dibenzofurans		Fort Cronkhite	None		
Dioxin-like polychlorinated biphenyls		San Francisco - Arkansas St.			