

AB 1390 Methodology



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

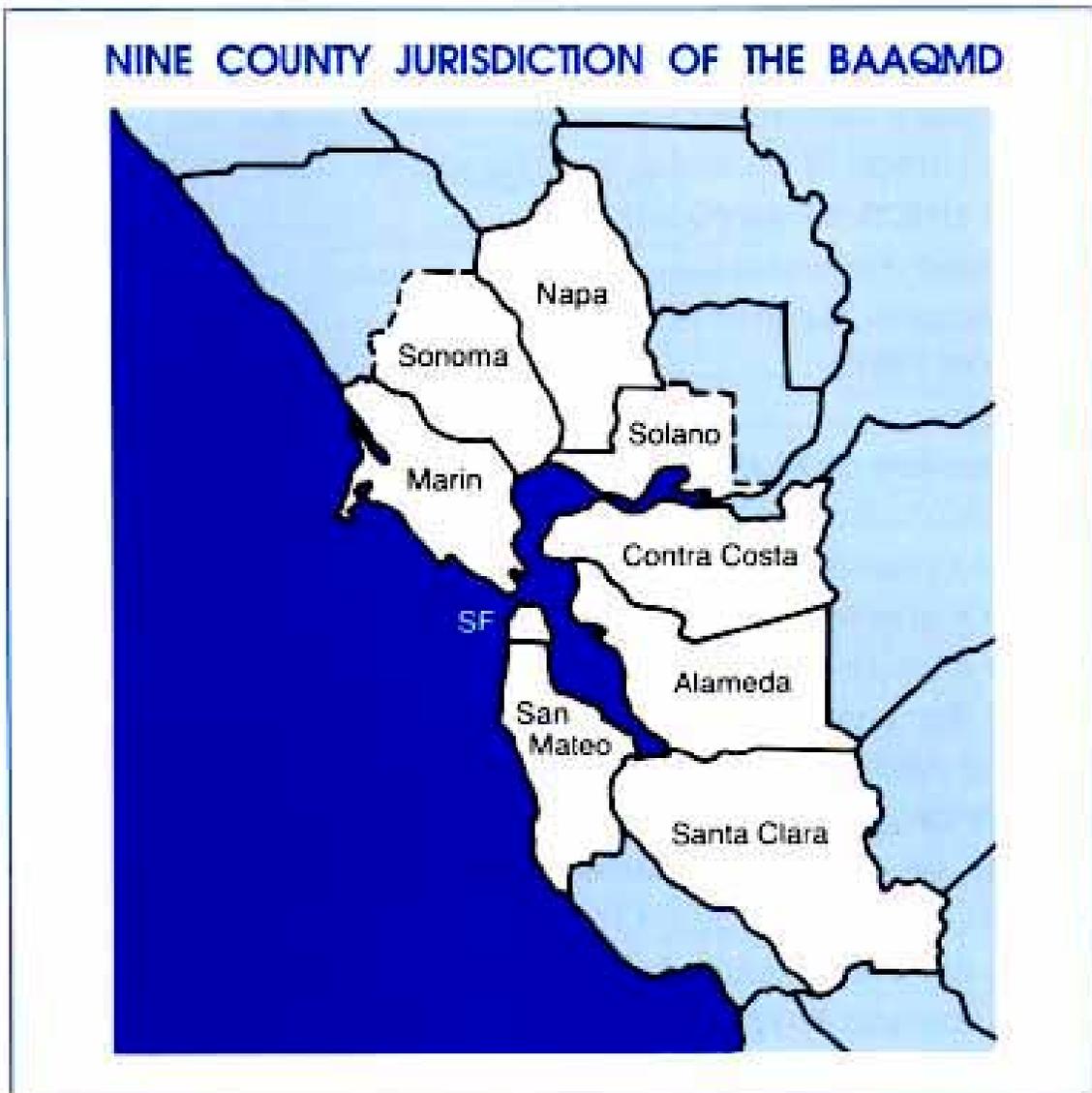
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Overview

- ❖ Brief overview of the Bay Area Air Quality Management District
- ❖ Requirements of AB 1390
- ❖ Current methodology
- ❖ Potential changes

Bay Area Air Quality Management District



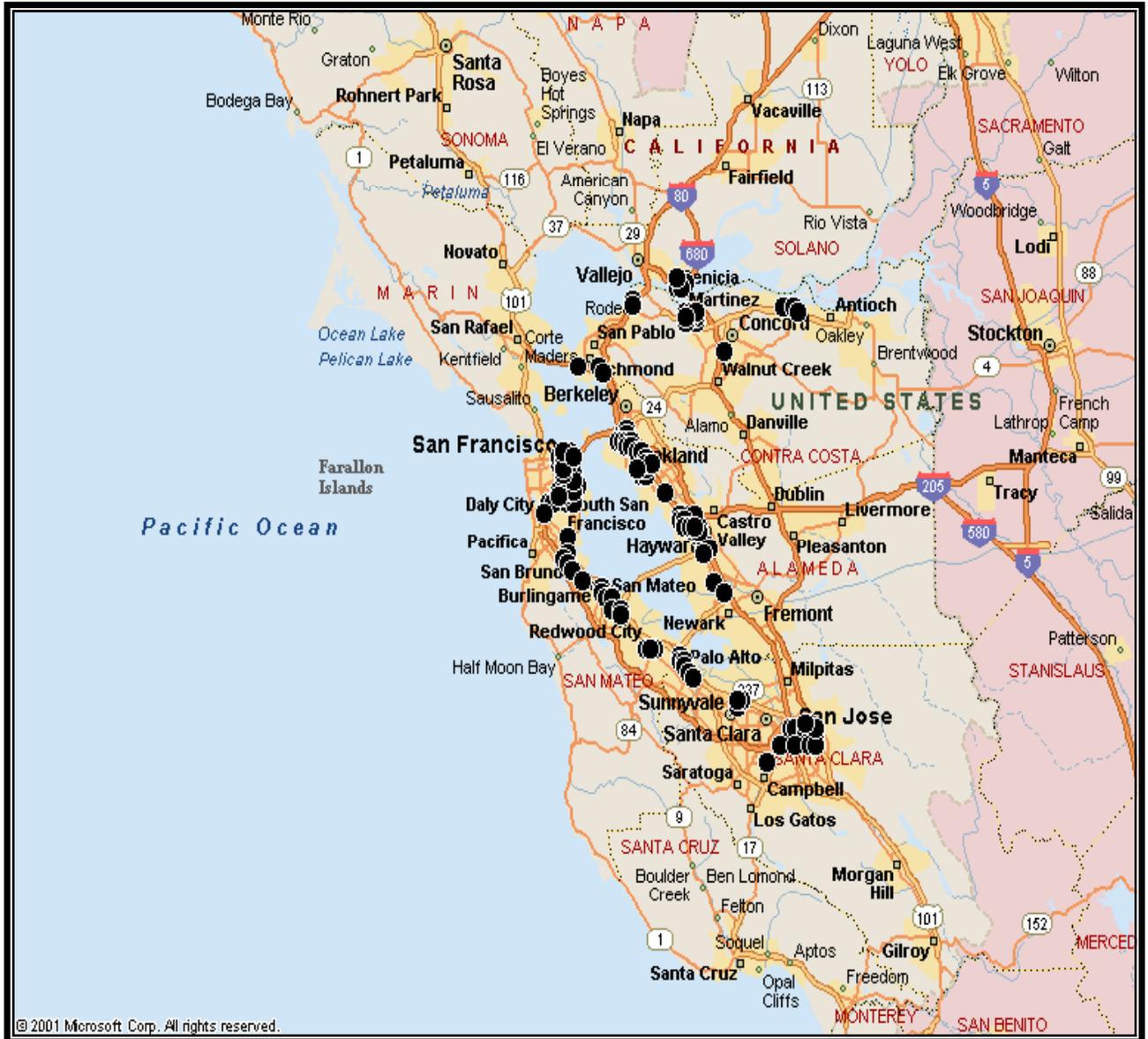
Requirements of AB 1390

- ❖ Applies to air districts with more than one million residents
- ❖ Applies to three grant programs:
 - ❖ Carl Moyer Program
 - ❖ Lower Emission School Bus Program
 - ❖ Zero Emission Vehicle Incentives
- ❖ Requires that:
 - ❖ 50% or more of funds used to directly reduce air contaminants **or** public health risks associated with air contaminants
 - ❖ communities with the most significant exposure including, but not limited to, communities of minority populations or low-income populations

Current Methodology

- ❖ Adopted April 17, 2002 by BAAQMD Board of Directors
- ❖ Developed by Dr. David Fairley, Staff Statistician
- ❖ Focuses on exposure of children and elderly to PM10
- ❖ Divided Bay Area into 1 km² grid cells
- ❖ Census 2000 data on residential location of children and elderly
- ❖ PM10 emissions from industrial sources
- ❖ PM10 emissions from motor vehicles
- ❖ Aggregated emissions and population data for each grid cell
- ❖ Grid cells exceeding 75,000 person-tons/year considered to have “most significant exposure”

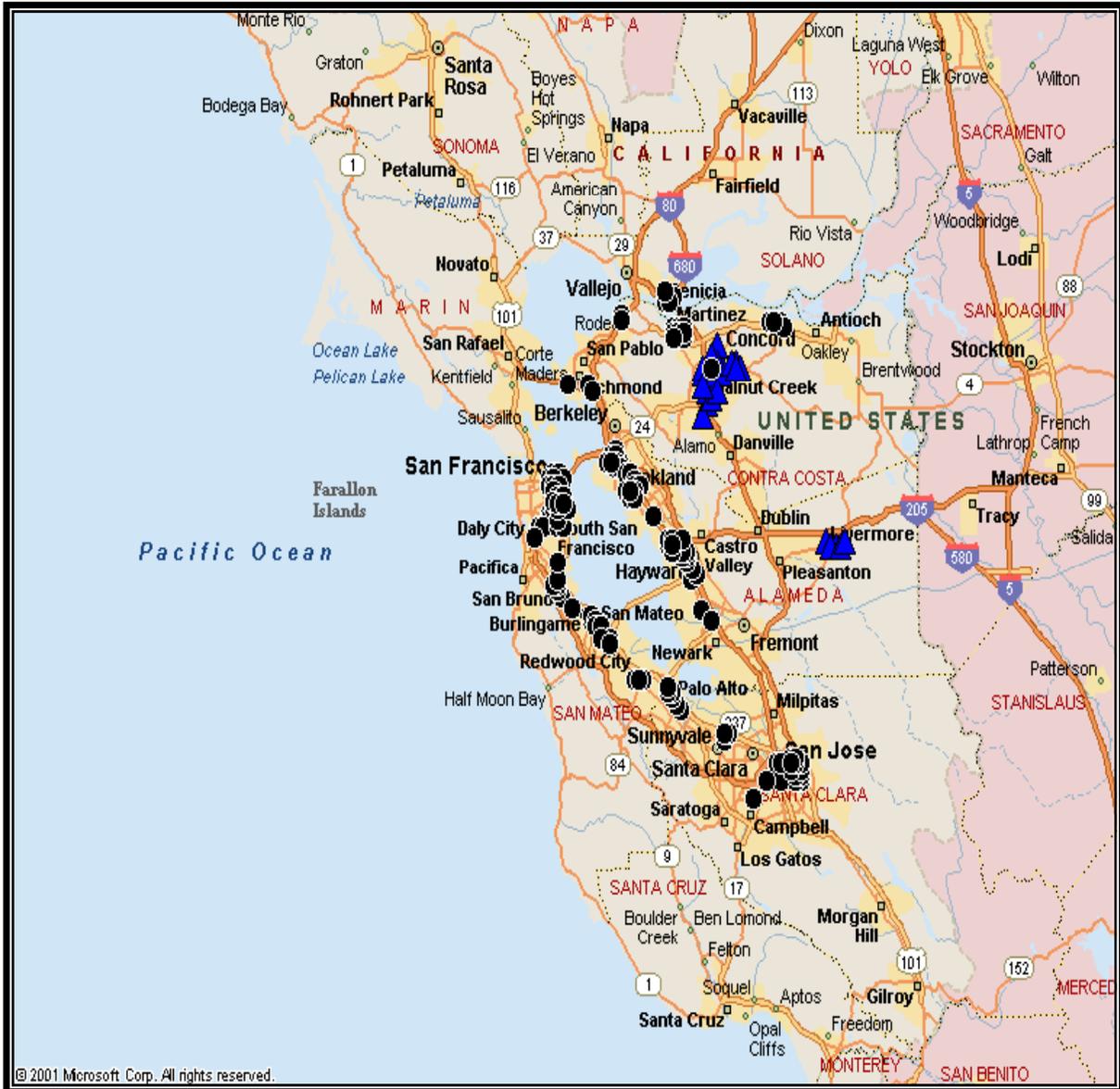
Current Target Areas – PM10



Potential Changes

- ❖ Include areas with “most significant exposure” to ozone
- ❖ Extend applicability to include entire zipcode areas
- ❖ Staff proposal tentatively scheduled for presentation in November 2002

Potential Target Areas – PM10 & Ozone



Potential Target Areas – PM10 & Ozone by Zipcode

PM10

94002	Belmont	94547	Hercules
94014	Colma	94553	Martinez
94025	Menlo Park	94555	Newark
94030	Millbrae	94565	Pittsburg
94061	Redwood City	94572	Rodeo
94063	Redwood City	94578	San Leandro
94066	San Bruno	94579	San Leandro
94080	South San Francisco	94580	San Lorenzo
94086	Sunnyvale	94587	Union City
94089	Sunnyvale	94601	Oakland
94102	San Francisco	94602	Oakland
94103	San Francisco	94603	Oakland
94104	San Francisco	94606	Oakland
94105	San Francisco	94607	Oakland
94107	San Francisco	94608	Emeryville
94108	San Francisco	94609	Oakland
94109	San Francisco	94610	Oakland
94110	San Francisco	94612	Oakland
94112	San Francisco	94801	Richmond
94124	San Francisco	94804	Richmond
94131	San Francisco	95008	Campbell
94133	San Francisco	95111	San Jose
94134	San Francisco	95112	San Jose
94303	East Palo Alto	95116	San Jose
94401	San Mateo	95122	San Jose
94403	San Mateo	95126	San Jose
94404	Foster City		
94501	Alameda		
94510	Benicia		
94520	Concord		
94541	Hayward		
94545	Hayward		

Ozone

94518	Concord	94550	Livermore
94519	Concord	94595	Lafayette
94520	Concord	94596	Walnut Creek
94521	Concord	94598	Walnut Creek
94523	Pleasant Hill		