



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Planning Healthy Places

Henry Hilken
Director of Planning and Climate Protection
Bay Area Air Quality Management District

Bay Area Regional Collaborative
February 19, 2016

Summary

- Guidance to provide policies and tools to inform local plans
- Support regional, local efforts to promote efficient land use planning
- Support State initiatives
- Collaborative process



Background



- Bay Area air pollution continues to decrease
- Disproportionately impacted areas persist, higher levels of fine particulate matter (PM) & toxic air contaminants (TACs) near freeways and other sources
- Infill, TOD is vital to reduce vehicle use, and air pollution and GHGs
- Air District seeks to support infill development and reduce transportation emissions, while reducing local exposure to air pollution and protecting sensitive populations from potential health risks
- Seek to encourage that “healthy infill” is addressed early in planning process, in local plans



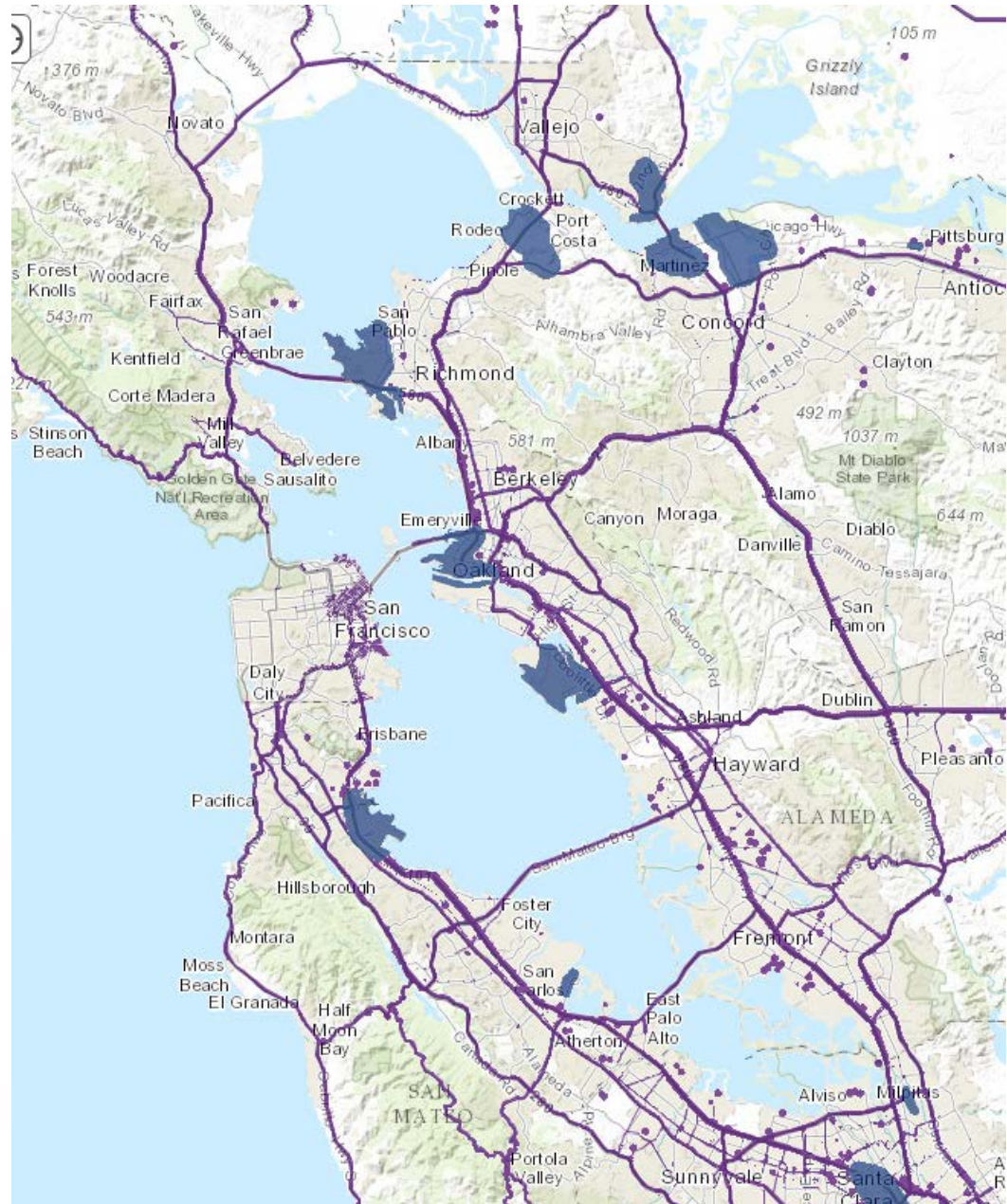
Planning Healthy Places

- Guidance document for local governments
- Encourage local governments to address and minimize potential local air pollution early in the planning process
- Provide tools and information, including:
 - Detailed maps of local sources of air pollution
 - “Best practices” to minimize exposure
 - Strategies to reduce emissions
 - Examples of local governments addressing local air quality
- Incorporate in local plans and ordinances
- Promote infill development while protecting public health



Maps

- Cumulative analysis of all sources of mobile + stationary air pollution
- Show areas with elevated levels of TACs, fine PM
- Interactive, web-based
- Incorporates San Francisco Article 38 maps



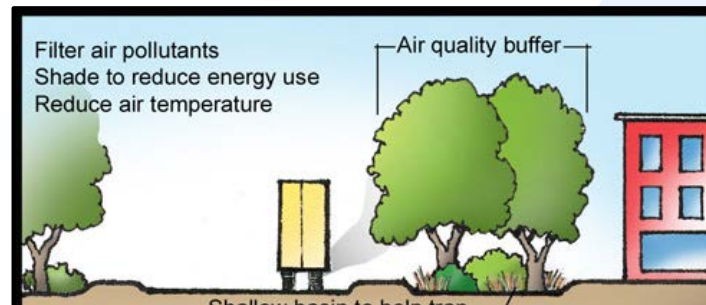
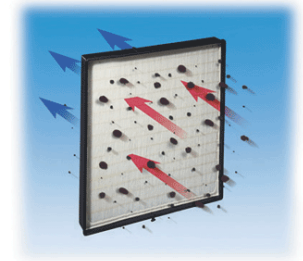
Maps

- Purple areas: Implement best practices to reduce exposure and emissions
- Blue areas: Conduct air quality analysis to assess air pollutant levels and extent to which measures can reduce potential health risks



Best Practices to Reduce Exposure

- Feasible, relatively low cost, and effective at reducing exposure to air pollution, thereby minimizing potential adverse health effects
- Best Practices:
 - Air filtration
 - Dense tree plantings
 - Alternative truck routes
 - Building & site design
 - Project phasing
 - Health protective distances, as feasible



Best Practices to Reduce Emissions

- Local actions can complement regional and State programs to reduce air pollution
- Best Practices:
 - Retrofit generators
 - Electrify loading docks
 - Transportation demand management strategies
 - Promote EV plug-in stations
 - Limit idling times



Links to Regional and State Initiatives

- Support Plan Bay Area
 - Inform policy narrative
 - Inform funding programs, other regional PBA implementation mechanisms
 - Aid community outreach on PBA
 - Support city, county plans to implement PBA
- Support State initiatives
 - SB 375, Sustainable Communities Strategy
 - Air Resources Board *Air Quality and Land Use Handbook*
 - Air Resources Board *Near-Roadway Mitigation Technical Advisory*
 - Office of Planning & Research *General Plan Guidelines*



Process & Next Steps

- Concept reflects feedback from planning directors and regional agency partners
 - Simple & predictable
 - “Best Practices” approach
 - Regionally consistent
- Current outreach
 - Targeted External Stakeholder Engagement – *planning directors, state agencies, developers, community and environmental advocates*
 - Public Workshop / Webcast - March 17, 2016
- Completion: Spring 2016

