

# AB 617: Protecting Community Health

## West Oakland's Air Quality Action Plan



West Oakland Environmental Indicators  
Project

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# What is AB 617?



AB 617 is a bill that was passed in 2017 to reduce air pollution and improve public health in communities that experience disproportionate burdens from exposure to air pollutants. These communities are often exposed to greater amounts of air pollution as a result of their location near stationary sources such as ports, rail yards, warehouses, and freeways or from greater densities of mobile sources like cars, diesel trucks, or ships in the area. The bill includes community air monitoring and community emission reduction plans to reduce people's exposure to particulate matter and toxic air contaminants.

# What is the importance of AB 617?

- An important part of AB 617 is the **high level** involvement from the **community**.
- AB 617 creates a way to incorporate community expertise and direction into the development and implementation of clean air programs in their community.
- Community residents must be active partners in **envisioning, developing, and implementing** actions to clean up the air in their communities.
- Community members and local air districts will work together to craft solutions for each selected community.

## AB 617 ELEMENTS • Focus on Community Action



Community  
emissions  
reduction  
programs



Accelerated  
retrofit of  
pollution  
controls on  
industrial facilities



Community-level  
air quality  
monitoring



Enhanced  
emissions  
reporting



Increased  
penalty  
provisions



Grants  
to local  
community  
groups

# Why West Oakland?



- West Oakland residents are exposed to higher levels of air pollution than residents of other parts of Oakland.
- Local regulatory monitors consistently show higher average levels of air pollution in West Oakland compared to other parts of Oakland and surrounding cities
- West Oakland residents are exposed to air concentrations of diesel pollution that are almost three times higher than average “background” levels in the Bay Area, and that 71 percent of air pollution risk was attributable to truck traffic.

# Why West Oakland?

- West Oakland residents have **two times higher rates of asthma emergency room visits** compared to overall Alameda County rates, and Alameda County has higher rates in comparison to other counties in California.
- West Oakland residents also have **higher rates of stroke and congestive heart failure** in comparison to other parts of Alameda County.
- West Oakland residents suffer from **higher rates of cardiovascular disease, higher estimated cancer risks, and lower life expectancy** compared to most other parts of



# West Oakland Environmental Indicators Project (WOEIP)

The West Oakland Environmental Indicators Project (WOEIP) is a resident led, community-based environmental justice organization dedicated to assessing the health impacts of diesel pollution, soil and air toxics. Our aim is to teach and empower residents to gather data, to understand technical solutions and how environmental policy works, while training residents to advocate for healthier neighborhoods for all who live, work, learn and play in West Oakland, California.



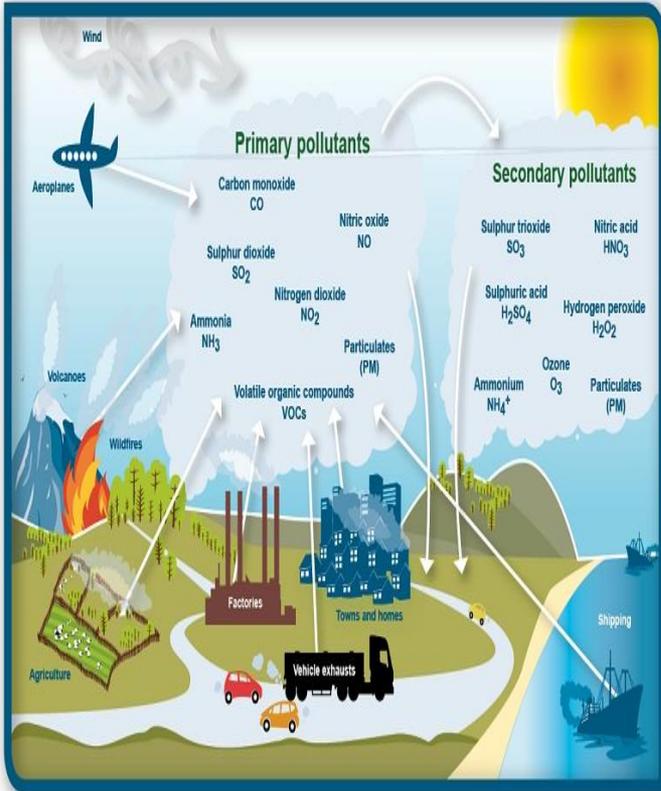
# AB 617

Maritime Air Quality  
Improvement Plan (MAQIP)

Truck Management Plan

Best Available Retrofit Control  
Technology (BARCT)

Land Use



# Maritime Air Quality Improvement Plan (MAQIP)

- The MAQIP is the Port's master plan to reduce air pollution from both mobile and stationary on/nearshore and offshore sources at the seaport.
- The MAQIP not only supports current and future State and local emission reduction requirements, but enhances these requirements through early implementation goals and by targeting emission reductions that exceed legally mandated requirements.
- **Reduce emissions from existing technologies (ships, trucks, cargo handling equipment, trains, etc)**
- **Adopt cleaner technologies**
- **Invest in zero emission equipment**
- **Ensure adequate land and infrastructure for the electrification of trucks and CHE**

# Truck Management Plan



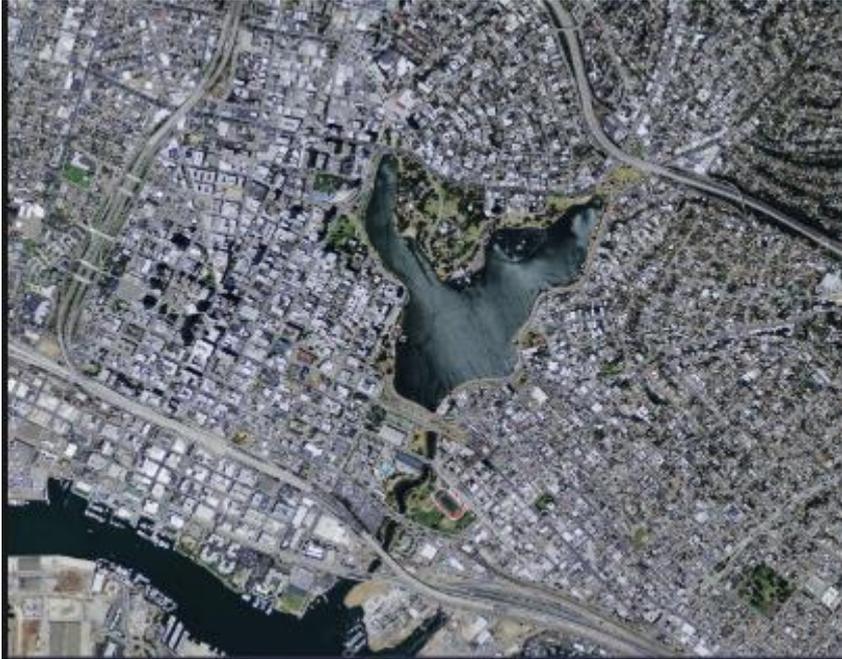
- The City of Oakland and the Port of Oakland are preparing a Truck Management Plan to reduce problems with trucks circulation and truck parking in West Oakland and the surrounding area.
  - Improve truck routes and truck circulation
  - Increase enforcement and penalties on prohibited truck routes
  - More enforcement officers; proper training
  - Better signage to make truck routes and non-truck routes clear; educate truck drivers

# Best Available Retrofit Control Technology (BARCT)

- Air districts must review the emissions control technology installed on pollution sources located at facilities subject to the Cap-and-Trade program
- The Air District has identified source categories for which BARCT is not in place and has created a list of nine rule development projects to consider for implementation.
- The projects will address emissions of particulate matter (PM), oxides of nitrogen ( $\text{NO}_x$ ), reactive organic gases (ROG), and sulfur dioxide ( $\text{SO}_2$ ).



# LAND USE



## **Ensure compatibility between existing and future truck-hub facilities and surrounding land use**

- Revise Conditional Use Permits to sunset industrial use permits near residential areas.
- Provide alternative location and incentives/financial support for businesses to move out of residential areas / provide adequate space for truck services (fueling, truck repair, food and beverage) at the Port and OAB.