Owing Our Air
West Oakland Community Action Plan Update

Community and Public Health Committee Meeting
September 17, 2020

Alison Kirk
Principal Environmental Planner
OWNING OUR AIR
The West Oakland Community Action Plan

October 2019

A joint project of the Bay Area Air Quality Management District and the West Oakland Environmental Indicators Project
Community Centered Air Planning

Partnership with the West Oakland Environmental Indicators Project (WOEIP)

Steering Committee of community members and agency staff provided expert knowledge about West Oakland

Steering Committee crafted plan strategies and goals

Air District completed ground-breaking community-level modeling work

Multi-agency commitment to implement

Ms. Margaret Gordon, Co-founder of West Oakland Environmental Indicators Project
Commitment to Implementation

Co-leads working closely with community and agency partners on implementation

Four Subcommittees formed to develop new leadership and drive implementation

Steering Committee continues meeting monthly – remotely due to COVID-19
Community Leadership

WOEIP leadership in response to COVID-19 includes facilitating engaging and well-attended remote Steering Committee meetings.

Community members have stepped up to Co-chair Implementation Subcommittees, taking on increasing responsibility and ownership over implementation.

WOEIP launched the “Oakland’s Very Own” speaker series to provide a place for community to learn more about West Oakland’s rich history.
Implementing Subcommittees

Four Subcommittees formed to focus on partner agency strategy implementation:

- Transit/Bike/Walk
- Land Use
- Port & Freight
- Health Programs & Living Buffers

Co-chairs, consisting of one community member and one agency member, lead Subcommittee work

Air District staff are implementing District strategies and coordinating with California Air Resources Board (CARB) on their strategies
Implementation Criteria Framework

Equity at center

Neighborhood benefits and impacts

Reduce emissions exposure to improve health outcomes

Explore funding options and alternatives
Steering Committee and Subcommittees are focused on centering equity in strategy implementation:

- Steering Committee presentations and training from Darlene Flynn, Director of Race and Equity, City of Oakland (Dec 2019, Aug 2020, and Sept 2020)
- Subcommittees are actively assessing equity implications of all strategies
- Additional support and training is being provided to Subcommittee Co-chairs
Land Use Subcommittee

Subcommittee reviewed 18 partner-lead strategies

Most enthusiasm and energy around:

- Harmonizing land use (relocating polluting businesses)
- Preventing resident displacement
- Supporting local green businesses
- Stronger air quality rules and enforcement for new development construction and operations
Subcommittee reviewed 8 partner-lead strategies

Most enthusiasm and energy around:

• Decreasing road dust through more frequent street sweeping
• Grand Avenue transit improvements
• Implementation of a broad array of bicycle and pedestrian improvements
Subcommittee reviewed 16 partner-lead strategies

Most enthusiasm and energy around:

- Permanent truck parking at the waterfront
- Zero-emissions trucks
- Implementation of West Oakland Truck Management Plan
Subcommittee reviewed 10 partner-lead strategies

Most enthusiasm and energy around:

- Citywide urban canopy plan
- Knowledge sharing about green buffer care
- Studying benefits of solid and green buffers
- Limiting community members’ cumulative exposure
Implementation in Action

- Community-inspired “Stop Burning in our Community” materials co-created by Air District staff and community members
- City of Oakland grant applications for bicycle, pedestrian, street trees, truck management, and transit access improvements identified in Owning Our Air
- Air District funding for low-emission gantry cranes, tugboat, and switcher locomotives operating at the Port
- CARB adopted At-Berth Rule
Annual Progress Report

• WOEIP and Air District release Draft Annual Report October 2020

• WOEIP and Air District release Final Annual Report and make informational presentation to Air District Board of Directors November 2020

• CARB meeting on Annual Progress Report December 2020
Assembly Bill (AB) 617 Community Emissions Reduction Plan Recommendation and Program Next Steps

Community and Public Health Committee Meeting
September 17, 2020

Elizabeth Yura
Director of Community Engagement and Policy
Richmond-San Pablo Updates

- Community Air Monitoring Plan finalized
- Monitoring projects underway
- Monitoring Outreach Team selected
- Expansion to Community Emissions Reduction Program
Richmond-San Pablo Updates (cont.)

• A Community Design Team is working with the Air District to recruit and select a diverse Community Emissions Reduction Program Community Steering Committee

• 10-member Community Design Team met five times since March 2020; next meeting on September 21, 2020

• Air District will recommend Richmond-San Pablo for designation to the California Air Resources Board (CARB) Board, October 2020

• If designated, final Community Emissions Reduction Plan is due to the CARB Board in December 2021
High-Priority Communities Next Steps

• Community Advisory Committee
• Community Data and Mapping
• Emissions Inventory and Modeling
• Measurements and Data Analyses
• Incentives
• Community Capacity Building
Community Advisory Committee

• Environmental Justice (EJ) advocates from high-priority communities will inform committee creation

• Committee will co-lead effort to shape Ad Hoc Committee on Equity, Access, and Inclusion priorities

• Committee will consult on environmental justice initiatives
Community Data and Mapping

- **Data collection and analysis:** helping with demographic, socio-economic and environmental setting, including data and mapping
Emissions Inventory and Modeling

• **Regional Modeling**: regional modeling of PM$_{2.5}$ and toxics

• **Modeling Major Sources**: modeling impacts of PM$_{2.5}$ from major industrial sources, e.g. Chevron, PBF refineries
Emissions Inventory and Modeling (cont.)

- **Streamlining**: improving ability to assess impacts in more communities; developing datasets to estimate emissions for communities, e.g. roadway, traffic data, land use, parcel data.
Measurements and Data Analyses

- **Measurements**: complete Aclima baseline; develop capacity for local-scale special project measurements

- **Technical Support**: assist communities with air quality issues and projects; develop Bay Air Center

- **Analyses and Interpretation**: use existing data to assess community-level air quality, coordinate with external researchers conducting measurements
Purpose of AB 617 Incentives:
Fund projects in impacted communities to reduce exposure and air pollution ahead of regulatory requirements

• **Results of Year 1 & Year 2 funds** (Jan. 2018 - Jun. 2020):
  - > $84 million awarded
  - > 70% of emissions reduced by projects operated in/around W. Oakland & Richmond*

• **$25 million** available for award by Jun. 30, 2021 (**Year 3**)
  
  In addition, Air District prioritizes all other funds to highly impacted communities

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* Total Tons/Year reduced (Year 1 & 2)

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Community Capacity Building

Communities

- East County
- Vallejo
- Tri-Valley
- San Jose
- Eastern SF
- East Oakland
La Clinica: Formed relationship with Pittsburg Unified School District to engage parents through online virtual platform.

Through school district’s platform, brought its Air Quality 101 Workshop to over 100 parents in English and Spanish.

Conducted 10 bilingual presentations with a total of 116 participants.

Working with the school district to resume engagement in new school year.
All Positives Possible:
Virtual tour of air pollution sources for East and South Vallejo communities.

Worked with community members to engage with local and regional governments on vapor intrusion.

Vallejo

Researching air filtration devices for in-home use.

Eastern SF

Will hold Department of Toxic Substances Control and community meeting.
Breathe CA: Emerging community leaders recruited 20 community participants to help define air quality issues. Distributing an Air Quality Assessment Survey to determine scope and root cause of local air quality issues. Provided public comment at the San Jose City Council regarding the Charcot Avenue highway extension proposal.

International Children Assistance Network: Performed outreach through a variety of media. Completed 80 interviews in the Vietnamese community on air quality issues. Planning a virtual Air Quality Forum with participation from Air District.
Communities for a Better Environment:
EJ Work Group meeting virtually weekly. Successfully completed their first virtual “Toxic Tour” for elementary school students. About 30 people, a mixture of students and parents, attended.

Using Instagram polls to engage with people online and share/collection information about air quality issues.
Bay View Hunters Point Community Advocates: Created and launched the Southeast Community Council; 12 residents from low-income neighborhoods in Bayview-Hunters Point, Visitacion Valley, and the south side of Potrero.

Council meets monthly; 10 committees have been formed. Council is now working on developing community-participatory planning process.
Community Capacity Building

**Tri-Valley Alliance:** Expanded advisory group and engagement with communities in Tri-Valley, including local officials and businesses, who have agreed to distribute outreach materials and survey materials via their mailing lists or on social media and other platforms.

Created a briefing deck to use for outreach. Developing understanding of local air quality issues and possible actions. Working with Trish Monroe on the City of Livermore City Council to schedule presentation to entire council.
What’s Next?

- Implement West Oakland Community Action Plan
- Move Richmond-San Pablo from monitoring plan to community emission reduction plan
- Grants will build on efforts to increase capacity and leadership to enhance community's participation in decision making
- In high-priority communities, continue early planning and technical work, i.e. assisting with virtual outreach and training, air quality and public health training, assisting with local air quality projects
Recommended Action

Recommend the Board of Directors:

Approve Richmond-San Pablo area for a community emission reduction plan under Year 3 of the State’s Community Air Protection Program