



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Owning Our Air West Oakland Community Action Plan Update

Community and Public Health Committee Meeting
September 17, 2020



**West Oakland
Environmental
Indicators Project**
know which way the wind blows

Alison Kirk
Principal Environmental Planner

OWNING OUR AIR

The West Oakland Community Action Plan

October 2019



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**West Oakland
Environmental
Indicators Project**
know which way the wind blows

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



Community Centered Air Planning



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

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



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



Mercedes S. Rodriguez
Transit/Bike/Walk Subcommittee
Co-chair

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



Equity at Center



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



Transit/Bike/Walk Subcommittee



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



Port and Freight Subcommittee



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



Health and Living Buffers Subcommittee



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





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AGENDA: 4

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

PM
2.5



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



Incentives



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*

* Total Tons/Year reduced (Year 1 & 2)		
PM	NOx	ROG
13.6	447.1	28.0

- **\$25 million** available for award by Jun. 30, 2021 (**Year 3**)

In addition, Air District prioritizes all other funds to highly impacted communities



Community Capacity Building



Communities

East County

Vallejo

Tri-Valley

San Jose

Eastern SF

East Oakland

Community Capacity Building



Communities

East County

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.

San Jose

Conducted 10 bilingual presentations with a total of 116 participants.

Working with the school district to resume engagement in new school year.

Community Capacity Building



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.

San Jose

Vallejo

Tri-Valley

Researching air filtration devices for in-home use.

Eastern SF

East Oakland

Will hold Department of Toxic Substances Control and community meeting.

Community Capacity Building



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.

San Jose

International Children Assistance Network: Performed outreach through variety of media. Completed 80 interviews in Vietnamese community on air quality issues. Planning a virtual Air Quality Forum with participation from Air District.

Community Capacity Building



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.

Tri-Valley

Using Instagram polls to engage with
people online and share/collect information
about air quality issues.

East Oakland

Community Capacity Building



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.

Eastern SF

East Oakland

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.

Tri-Valley

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