

OWNING OUR AIR

THE WEST OAKLAND COMMUNITY ACTION PLAN ANNUAL REPORT



West Oakland
Environmental
Indicators
Project



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

NOVEMBER 2020



What is the Plan?



Owning our Air: The West Oakland Community Action Plan

FINAL



A joint effort of the West Oakland Environmental Indicators Project (WOEIP), the Bay Area Air Quality Management District (Air District), and a community Steering Committee

The title reflects the belief that self-determination is key to successful environmental justice action

Adopted by the Air District in October 2019

Adopted by the California Air Resource Board (CARB) in December 2019

OWNING OUR AIR

The West Oakland Community Action Plan – Volume 1: The Plan

October 2019

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



[Click to read](#)

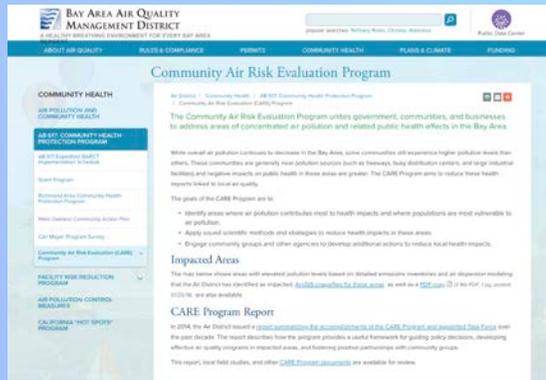
More info click [here](#)



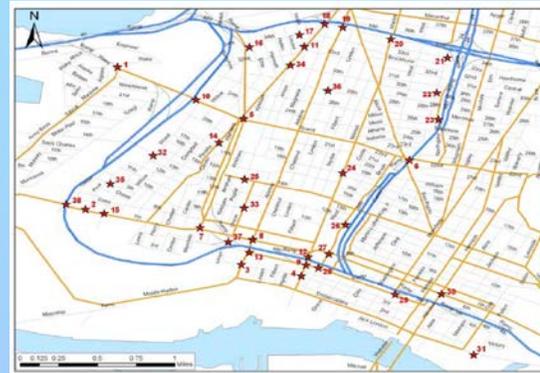
Built on Trust



Long-standing relationship between WOEIP and the Air District working on air quality research and planning in West Oakland



CARE (Community Air Risk Evaluation Program) Task Force 2004-2013



West Oakland Truck Survey (2009)



Maritime Air Quality Improvement Plan (2009), Seaport Air Quality 2020 and Beyond Plan



West Oakland Specific Plan (2014)



Community Centered Planning



Air District completed ground-breaking community-level modeling work to better understand local emissions and exposure

Steering Committee comprised of community members and agency staff provided expertise and knowledge to collectively craft Plan strategies, goals and targets

*Charles Tyrone Reed,
Co-Chair Land Use*

Annual Report November 2020



[Linked Video](#)



Broad 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



“ the Community Action Plan is a process that we’ve been waiting for, for over 25 years ”



- Ms. Margaret
Co-Director of WOEIP



Owning Our Air Goal and Targets



Goal: Protect and improve community health by **reducing disparities in exposure to local air pollution**

Targets: Reduce local emissions to **reduce the cumulative impact in the most impacted zones** from modeled local sources for diesel particulate matter (Diesel PM), fine particulate matter (PM_{2.5}) and cancer risk from toxic air contaminants

- **By 2025:** zones are as clean as today's **average residential neighborhood**
- **By 2030:** zones are as clean as today's **cleanest residential neighborhood**



Plan Strategies and Measures



Strategies

- 28 Air District Strategies
- 16 CARB Strategies
- 45 Partner Strategies

Enforcement Measures

- 6 Air District Measures
- 8 CARB Measures

Further Study Measures



Implementing the Plan



Implementation Approach



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

Four subcommittees meeting to develop new leadership and drive implementation

Implementation criteria including centering equity

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



Continued Community Engagement



**9 Steering
Committee
meetings**



**24
Subcommittee
meetings**



**Approximately
40 Co-leads
meetings**



**Approximately
50 Inter-agency
meetings**



Implementation Approach



[Linked Video](#)

Four Subcommittees formed to focus on partner agency strategy implementation:

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

Subcommittees are Co-chaired by one community member and one agency member



Implementation Approach



Criteria Framework



Equity at center



**Neighborhood
benefits & impacts**



**Reduce emissions
exposure to
improve health
outcomes**



**Explore funding
options and
alternatives**



Implementation Approach



Type & Level of Effort



**Stay
informed**



**Be
consulted**



**Get
involved**



**Actively
participate**



**Drive the
decision**



Implementation Approach



Equity at Center

Steering Committee and Subcommittees are focused on centering equity in strategy implementation:

- Partnership with City of Oakland Department of Race and Equity, including training and support to Implementation Subcommittees and Steering Committee
- Subcommittees are assessing equity implications of all partner strategies



Implementation Approach



Build on City's Equity Indicators

Provides a framework to guide equity analysis

Helps identify existing conditions, inequities and institutional barriers to environmental justice

Allows us to clarify for ourselves and others what the Plan strategies seeks to address

Prevents unintended consequences

[Click to open document](#)



Implementation Approach



Questions that place Equity at Center

- What is the intended racial equity outcome of the strategy, (who might benefit)?
- Are there unintended consequences of the strategy (who might be burdened)?
- How will we measure our success in reaching the racial equity outcome of the strategy?





Equity at Center

Implementation Approach



“ Your timing is so perfect, we want to make the most of it, we don’t want to miss this moment ”



- Darlene Flynn

Director, Oakland Office of Race and Equity



Progress on Implementation



Progress on Implementation



- Steering Committee is meeting monthly
- Four subcommittees are meeting monthly to drive implementation
- Air District and CARB are advancing their strategies
- Technologies and incentives are reaching the community
- Enforcement measures are underway



Progress on Implementation



Early Implementation Wins

Air District funding for low-emission equipment

- 16 gantry crane engine replacements at the SSA Terminal
- 12 tugboat engine replacements approved or paid
- 1 new switcher locomotive paid

CARB adopted At-Berth and Advanced Clean Truck regulations

Installed MERV 16 air filtration systems at

- KIPP Bridge Academy Charter School
- Martin Luther King, Jr. & Lafayette Elementary
- Hoover Elementary
- Prescott School



Progress on Implementation



Early Implementation Wins

City of Oakland grant applications for bicycle, pedestrian, street trees, truck management, and transit improvements identified in *Owning Our Air*

City of Oakland and Port of Oakland are implementing relevant strategies in the West Oakland Truck Management Plan:

- New signage
- More effective trucker outreach
- Adoption of new street parking rules for trucks and trailers

West Oakland Truck Management Plan
Year One Implementation
March 2020

Draft Parking Regulations & Draft Truck Routes



STOP BURNING IN OUR COMMUNITY



All Burning
Negatively Impacts
You and Your
Neighbors



Progress on Implementation



Early Implementation Wins

- Community-inspired resource materials
- Co-created by Air District staff and community members
- [See the Brochure](#)
- [See the Poster](#)



Progress on Implementation



Owning our Air in the News

Low-income California communities enact plan to fight disproportionate air pollution

Forty-nine percent of West Oakland residents are African American, according to a 2015 study conducted by the Alameda County Public Health Department. At 17 percent of the population, Latinos are the second largest ethnic group, followed by white people at 15 percent. Almost 13 percent of West Oakland residents are Asian. The neighborhood's rate of hospitalization for asthma among children under five is nearly double that of the county as a whole. A study conducted by Society Health found that life expectancy varies by 24 years in Alameda County. West Oakland's, 67 years, is closer to countries like Turkmenistan and North Korea than Piedmont – a community 3 miles away with a household median income of \$22,000 as opposed to West Oakland's \$30,000. But West Oakland is not alone in its problems.

[NBC News - Low-income California communities enact plan to fight disproportionate air pollution \(April 7, 2020\)](#)

Plan to reduce West Oakland air pollution heads to state for approval

Janine Daigler on October 21, 2019

The Bay Area Air Quality Management District (BAAQMD) approved West Oakland's first comprehensive air pollution plan to emerge from a community-led process, at a packed meeting held in Oakland earlier this month.

West Oakland Environmental Impact Institute founder Margaret Gordon speaks about the air pollution plan (Photo courtesy of Sharon Isaac/BAAQMD)

"I have asthma. I have four grandchildren and a son who has asthma," said

Latest Posts

GRSD parents, teachers note limitations of special education distance learning

Elena Hesse Sacks on September 24, 2020

[Oakland North - Plan to reduce West Oakland air pollution heads to state for approval \(October 21, 2019\)](#)

Air Quality District Approves Plan To Improve Air In West Oakland

Bay City News Service Published 1:20 am PDT, Friday, October 4, 2019

OAKLAND (BCN)

A vote on Wednesday by the board of directors of the Bay Area Air Quality Management District approved a plan to improve the air in West Oakland, district officials said.

The board voted to approve "Own Our Air: The West Oakland Community Action Plan," which the district wrote with the West Oakland Environmental Indicators Project.

Air pollution is higher in West Oakland than in some other areas of the city and region because a lot of industrial activity.

Air district officials said large distribution centers, cement and asphalt plants, a power plant, metal facilities, a rail yard and rail lines, maritime freight and small to medium industrial and manufacturing operations are present there.

West Oakland is surrounded by the Port of Oakland, the Union Pacific rail yard and three interstate highways, which are well traveled. District officials said trucks, cars and road dust contribute to the elevated pollution levels in West Oakland.

The approved plan is a set of strategies and measures that are meant to be implemented during the next five years to further reduce air pollution in West Oakland.

District board members voted unanimously to approve the plan.

The next step will be a public hearing on Dec. 5 in West Oakland before the California Air Resources Board.

[SF Gate - Air Quality District Approves Plan To Improve Air In West Oakland \(October 4, 2019\)](#)

West Oakland slated to benefit from plan to reduce air pollution

Cathy Smith on September 24, 2018

The California Air Resources Board (CARB) is gearing up to finalize a first-of-its-kind statewide plan to tackle air pollution, and West Oakland is slated to be one of 10 California communities to benefit the most. On September 27, the board will consider approving the first stages of the air protection program and determine whether West Oakland will be part of the inaugural group to receive additional funding for addressing local pollution.

CARB's program emerges from [Assembly Bill 617](#), which passed in the California legislature in 2017 and was signed by Governor Jerry Brown that July. The legislation requires new community-focused actions to reduce air pollution and improve public health in areas disproportionately affected by pollutants. This means local air districts, like the Bay Area Air Quality Management District (BAAQMD), are required to identify disadvantaged communities for closer monitoring and put into action new plans to decrease pollution.

Currently, the district is considering West Oakland as a site to reduce diesel particulate matter and toxic air contaminant emissions, and kickstart additional air monitoring efforts. The Bay Area communities are also two of the initial 10 in California that are being recommended by CARB for the first year of its Community Air Protection Program. These communities were identified as places where health effects from pollution exposures are more severe and residents experience greater levels of poverty, according to CARB's [Community Health and Justice Report](#). To make this determination, rates of cardiovascular disease, unemployment, lower educational attainment, higher housing cost burdens and lower life expectancy were

Latest Posts

GRSD parents, teachers note limitations of special education distance learning

Elena Hesse Sacks on September 24, 2020

[Oakland North - West Oakland slated to benefit from plan to reduce air pollution \(September 24, 2018\)](#)



Subcommittees



Health & Living Buffers Subcommittee

10 partner
strategies reviewed

Implementation Progress



Most enthusiasm and energy around:

- Implement Citywide urban canopy plan (#10)
- Knowledge sharing about green buffer care (#11, #16)
- Increasing health programs presence in the neighborhood (#76)
- Limiting community members' cumulative exposure (#82)



Implementation Progress



Health & Living Buffers Subcommittee Equity at Center:

- Promote local leadership for these projects
- Provide residents jobs caring for green buffers
- Jobs pay a “fair wage”
- Locally sourced resources
- Get more health program resources to underserved residents



Implementation Progress



Health & Living Buffers Subcommittee next steps:

- Find funding for projects and job programs
- Find partners for sourcing resources
- Work with limited health resources to get additional services to the community



Land Use Subcommittee

18 partner
strategies reviewed

Implementation Progress



Most enthusiasm and energy around:

- Reducing the pollution burden caused by industrial businesses near residential uses (#83)
- Relocate polluting businesses to suitable locations (#4)
- Update city codes & ordinances to regulate truck-attracting businesses (#1, #4, #22)
- Preventing resident displacement (#25)
- Supporting local green businesses (#1)



Implementation Progress



Land Use Subcommittee Equity at Center:

- Reducing the pollution burden caused by industrial businesses near residential uses
 - Relocate polluting businesses to suitable locations
 - Update city codes & ordinances to regulate truck-attracting businesses
- Preventing residential displacement
- Supporting local green businesses



Implementation Progress



Land Use Subcommittee next steps:

- Refine strategies that address the proximity of pollution-generation businesses near residential uses
- Work with “good neighbor” businesses to relocate and promote green business in their wake
- Coordinate with the City’s General Plan update including the new Environmental Justice Element
- Work with City and District on a Green Business Strategic Plan
- Design Climate Zones criteria and goals



Transit/ Bike/Walk Subcommittee

8 partner
strategies reviewed

Implementation Progress



Most enthusiasm and energy around:

- Decreasing road dust through more frequent street sweeping (#59)
- Grand Avenue and other transit improvements (#45, #47)
- Implementation of West Oakland BART bicycle station (#55)



Implementation Progress



Transit/Bike/Walk Subcommittee Equity at Center:

- Encourage the City to provide equitable levels of service
- Parking/right-of-way policy collaborations between residents/truckers/Port/City
- Collaborate with transit agencies to make improvement that work for the community
- Reduce transit barriers for low-income residents
- Improvements should address community needs



Implementation Progress



Transit/Bike/Walk Subcommittee next steps:

- Work with multiple City Departments to get equitable levels of city services (e.g. street sweeping) and parking enforcement
- Learn more about City proposal for Grand Avenue; possible grant application for this project
- If grant funds awarded, planning and outreach activities for bicycle, pedestrian, street trees, truck management and transit access improvements in Owning Our Air



Port & Freight Subcommittee

16 partner strategies reviewed

Implementation Progress



Most enthusiasm and energy around:

- Permanent truck parking in Port area (#26)
- Zero-emissions trucks (#19, #37)
- Implementation of West Oakland Truck Management Plan (#38, #39)



Implementation Progress



Port & Freight Subcommittee Equity at Center:

Current incentive programs do not serve owner-operators and small businesses, majority of whom are minorities

- Owner-operators and small businesses have fewer financial resources to meet matching fund requirements and high administrative barriers
- Need flexibility for variety of truck trips

Lack of truck parking in the Port area has negative impact on community

- Owner-operators and small business owners often live in West Oakland
- Need to work with community and truckers when setting incentive, parking, and enforcement policies



Implementation Progress



Port & Freight Subcommittee next steps:

- Explore with the City of Oakland how to approach community concerns over policing of truck traffic
- Work with local businesses closest to areas with highest air quality impacts from trucks; first on truck routing that directs trips away from residences, schools, senior centers
- Work with funding agencies to prioritize assistance to owner/operators and minority owned small firms
- Work with Caltrans to prioritize parking under the freeway for electric trucks



District & CARB Strategies



Implementation Progress



**Total Incentive Funds
Awarded**

**\$36.5
Million**

**Estimated Annual Tons of
Emissions Reduced**

**0.91
tons
DPM**

**0.87
tons
PM2.5**

**719
Tons Cancer-
risk weighted
Toxics**



Implementation Progress



Carl Moyer Funds Approved or Paid:

**\$12
Million**

**263
Projects**

Project Type	Equipment/Engines
Marine Engine Replacement	24
Off-Road Equipment	126
Special Needs Bus	32
School Buses	201
Other	16
Total	399



Implementation Progress



Clean Cars for All:

43 Projects in
West Oakland

Estimated program costs:

\$300,000

Project Type	#
Plug-in Hybrid Electric Vehicle	24
Hybrid Vehicle	12
Electric Vehicle Charging Equipment	2
Battery Electric Vehicle	4
Mobility Option (Transit Pass)	1



Implementation Progress



West Oakland Zero Emissions Program

**11
Projects**

**\$1.1 Mil
Awarded**

**116
Pieces of
equipment**

Electric Vehicle Types	#
Tractors & Off-Road Trucks	11
Light-Duty On-Road	19
Charging Stations	67
Forklifts	3
Shuttle Bus	1
School Bus	15
Total	116



Implementation Progress



Total Enforcement Actions	#
Inspections Completed	587
Complaints Received	111
Notice of Violations / Citations Issued	28
Referrals to other agencies	7
Public Meetings/Trainings/ Workshops	15



Implementation Progress



6
CARB
Measures

Enforcement
Measures

CARB Actions	#
Inspections Completed	587
Complaints Received	4
Notice of Violations	15
Referrals to other agencies	5



Implementation Progress



**Enforcement
Measures**

8

**District
Measures**

District Actions

#

Inspections Completed

167

Complaints Received

96

Notice of Violations

24

Referrals to other agencies

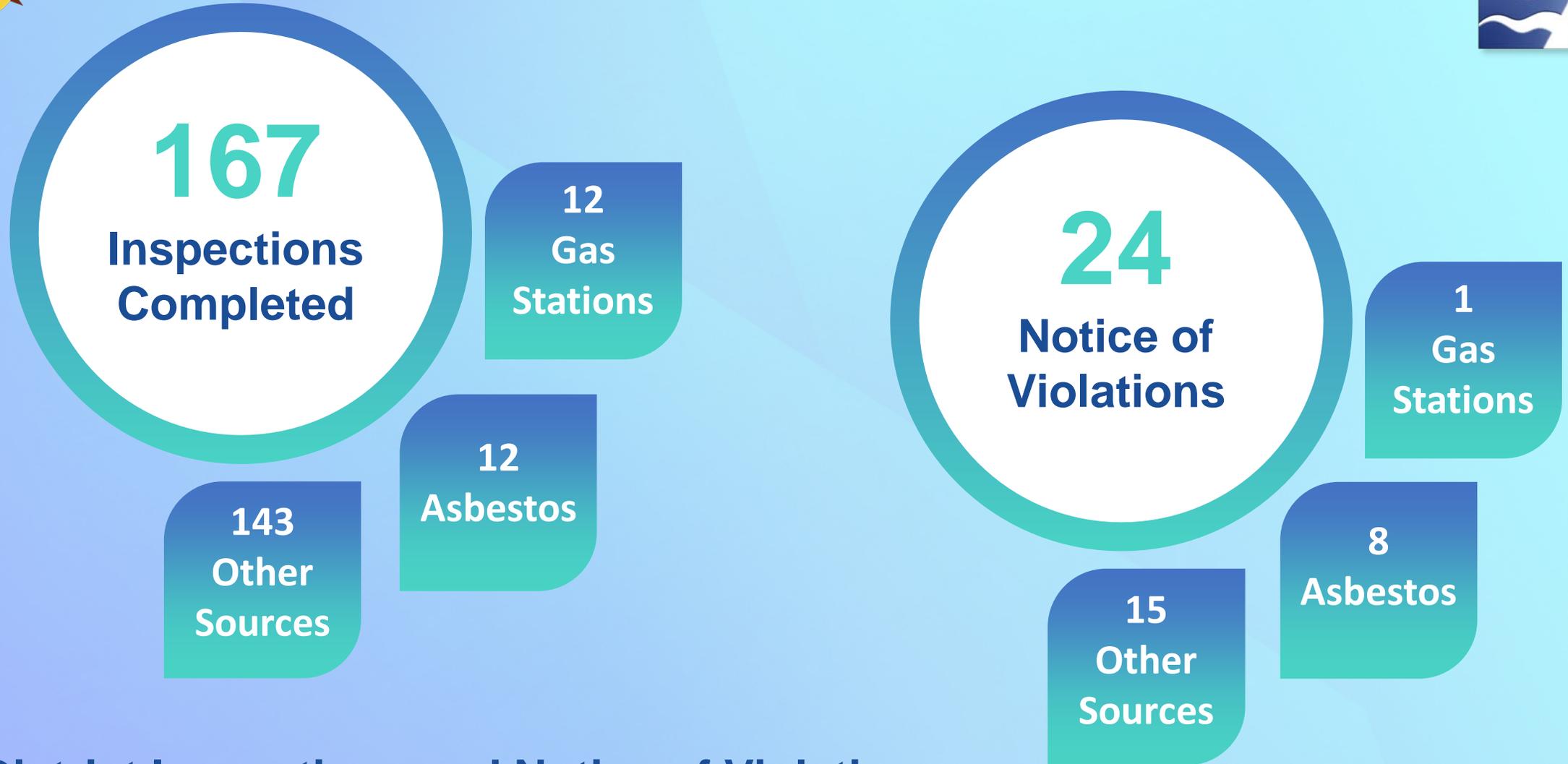
2

Public Meetings/Trainings/
Workshops

15



Implementation Progress



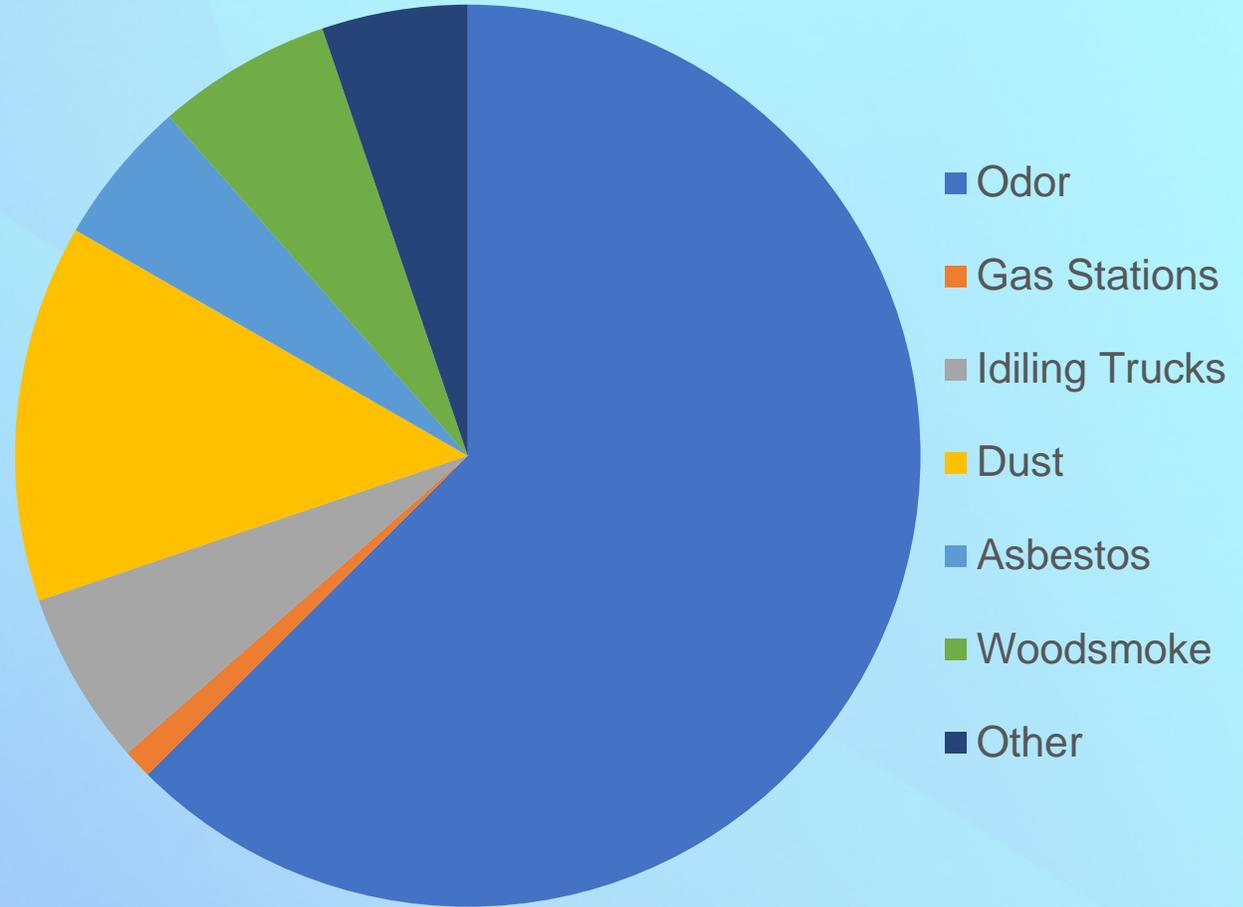
District Inspections and Notice of Violations



Implementation Progress



96
Air Quality Complaints



District Recorded Complaints



Looking Forward



Looking Forward



Adapt and Adjust

- Use innovation to adapt to COVID
- Go deeper on Equity
- Engage youth

Continue deep community partnership

- Steering Committee continues to meet monthly
- Subcommittees focus energy on implementing strategies that have risen to the top
- Community identifies new strategies and/or revises existing



Looking Forward



Continue working with agency partners

- Align with City of Oakland on Equitable Climate Action Plan implementation
- Inform the City of Oakland General Plan update
- Advance the West Oakland Truck Management Plan (City and Port of Oakland)
- Support the Port of Oakland Seaport Air Quality 2020 and Beyond Plan



Questions & Comments Welcome

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Acknowledgments



Steering Committee

Mallory Atkinson (Metropolitan Transportation Commission)
Bill Aboudi (AB Trucking)
Laura Arreola (Port of Oakland)
David Belle, Nariah Garcia, Shiloh Everette, Jessica Gloria,
Justice Touré, Michelle Arango (New Voices Are Rising)
Bo Chung (California Strategic Growth Council),
Carolyn Clevenger, Kristin Villanova (Alameda CTC)
Brigitte Cook (Oakland City Council)
Katherine Funes (The Rose Foundation)
Renata Foucre (West Oakland Neighbors)
Richard Grow, Morgan Capilla, Fatima Ty (U.S. EPA)
Barbara Johnson (West Oakland Neighbors)
Andy Katz, Chandra Johannesson, Maura Bonnarens (EBMUD)
Kevin Krewson (Caltrans)
Anna Lee, Kimi Watkins-Tartt, Sandi Galvez, Jennifer Lucky,
Soni Johnson (ACPHD)
Steve Lowe (West Oakland Commerce Association)

Karin Mac Donald (Prescott Oakland Point NBHD Assoc)
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Megan Prier (Urban Biofilters)
Mercedes S. Rodriguez (BayPorte Village NBHD Watch)
Anna Scodel, Brian Moore (California Air Resources Board)
Fern Uennatornwarangoon, Gabriela Zayas, Maria Harris
(Environmental Defense Fund)

Subcommittee Co-chairs

Meg Prier (Urban Biofilters)
Danielle Makous (City of Oakland)
Bill Aboudi (AB Trucking)
Laura Arreola (Port of Oakland)
Mercedes Rodriguez (BayPorte Village NBHD Watch)
Kevin Krewson (Caltrans)
Charles Reed (Emerald New Deal)
Alicia Parker (City of Oakland)



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Bay Area Regional Collaborative

Lucian Go

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Cestra Butner, Amy Tharpe, Chris Lytle, Richard Sinkoff, Andrea Gardner, Diane Heinze, Tracy Fidell, Catherine Mukai

University of California, Berkeley

David Wooley

Lily MacIver



Questions?



Questions?



Questions?



Additional Resources



Click map to expand



Next Steps



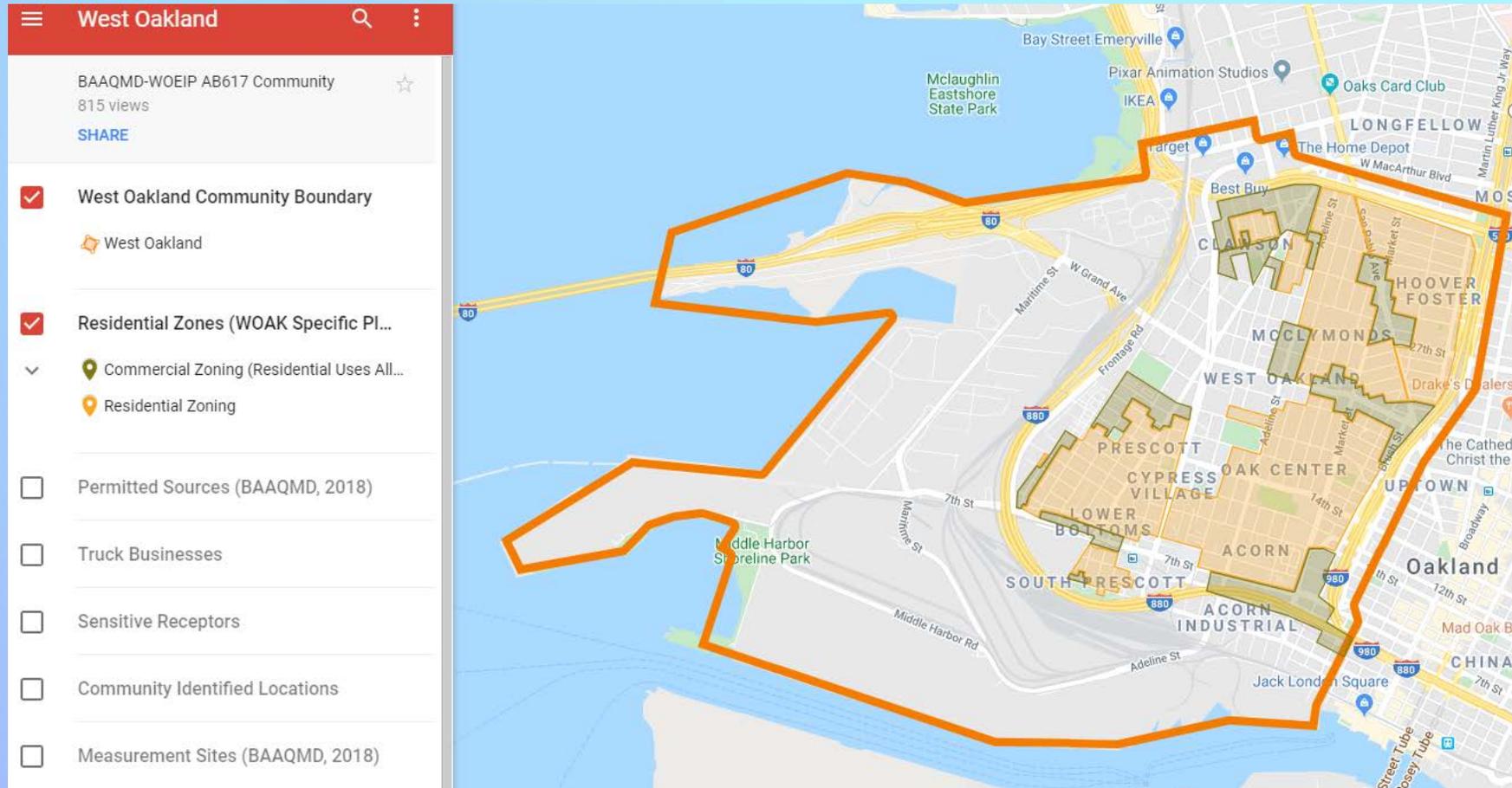
- Annual Report Videos released November 2020
- Final Annual Report released November 2020
- Presentation to Air District Board of Directors December 2020
- CARB staff to updated CARB Directors on progress in a memo December



Additional Resources



Sample of Maps & Data



Click map to expand