



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT



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



Steering Committee

December 7, 2022



Welcome!

- Name, Affiliation/Organization
- Please sign in/add comments in the sheet:
 - [December 7, 2021 Sign In Sheet in chat](#)

Owning Our Air - West Oakland AB 617 Steering Committee Meeting

Wednesday, December 7, 2022 - 6:00 pm to 8:00 p.m.

6:00 p.m. Roll call and welcome from WOEIP (10 mins; 6:00-6:10 PM) Co-Leads Leadership

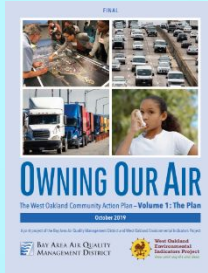
6:10 p.m. Co-Leads Report Back (25 mins; 6:10-6:35 PM)

- Introduction of new WOEIP staff- Jess Sand, Aaron Reavan, Angela Armendariz
- Recap of CEHJ presentation
- Announcement of **Welcome to the WOCAP!** doc

6:35 p.m. Implementation Project Update (75 mins; 6:35-7:50 PM)

- Oakland General Plan Update (45 minutes) Beth Altshuler
- Sustainable Ports Collaborative report (30 mins) WOEIP and EarthJustice

7:50 p.m. Next Steps / Announcements / Adjourn (10 mins; 7:50-8:00 PM)





Co-Leads Report Back

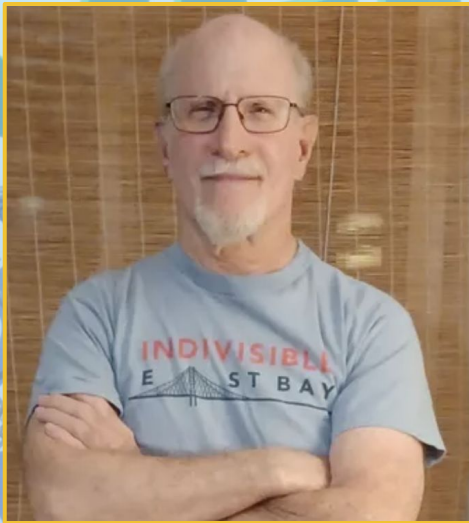
WOCA^P

THE WEST OAKLAND COMMUNITY ACTION PLAN

NEW STAFF!



Angela Armendariz



Aaron Reavan



Jess Sand



**Community Equity Health
and Justice Committee (CEHJ)
Presentation Recap**

WELCOME TO THE **WOCAP!**

COMMUNITY ENGAGEMENT DOCUMENTS

- **WOCAP 1-PAGER**
- **STEERING COMMITTEE 1-PAGER**
- **HEALTH EQUITY 1-PAGER**
- **WELCOME TO THE WOCAP:**
ORIENTATION AND COMMUNITY ENGAGEMENT PLAN



West Oakland
Environmental
Indicators
Project





Implementation Project Report Back

- **Sustainable Ports Collaborative report**
- **Oakland General Plan Update**



% of new cases from air pollution

10 20 30 40 50

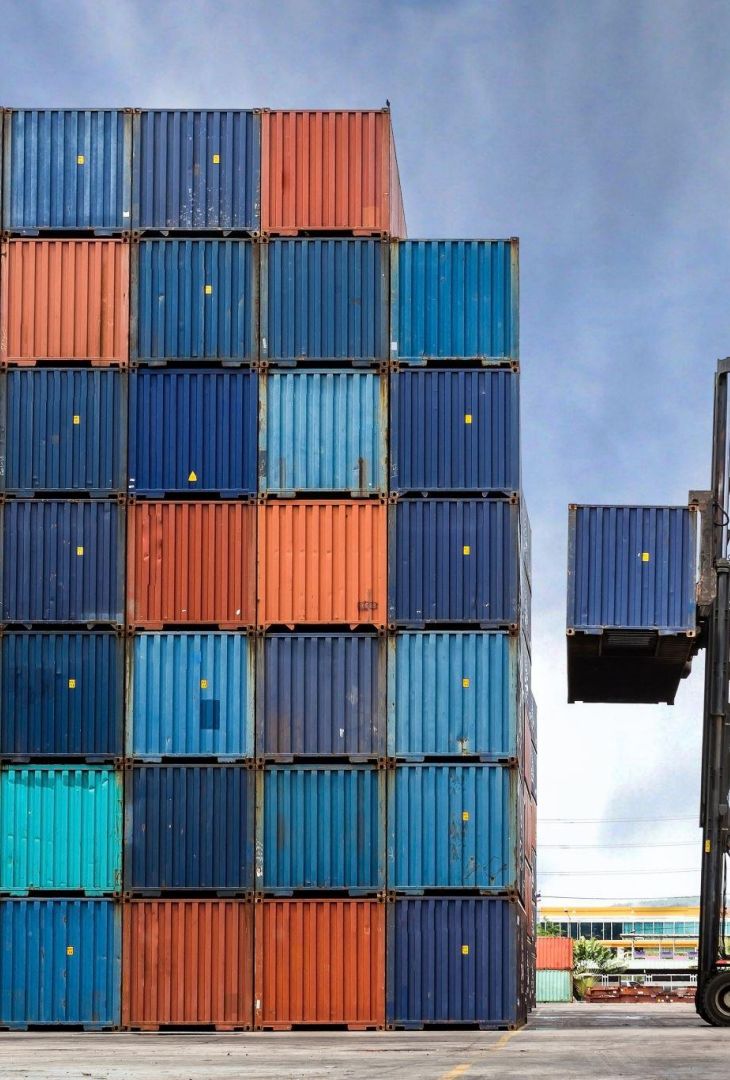


West Oakland Sustainable Port Collaborative

2021-2022 in Review


Quick Statistics on Sustainable Port Collaborative

- **5 formal collaborative meetings** and 2 additional planning meetings
- Attendance ranging from **26 to 37 participants**, representing over **20 organizations**.
- Stakeholders include national health and climate NGOs, local CBOs, State and Federal agencies, city officials, industry, utilities, Air District, academics, the Port of Oakland, and more.
- Formed **2 sub-groups** (one for political advocacy, one on technical electrification issues), which meet regularly.



Past Workshop Topics

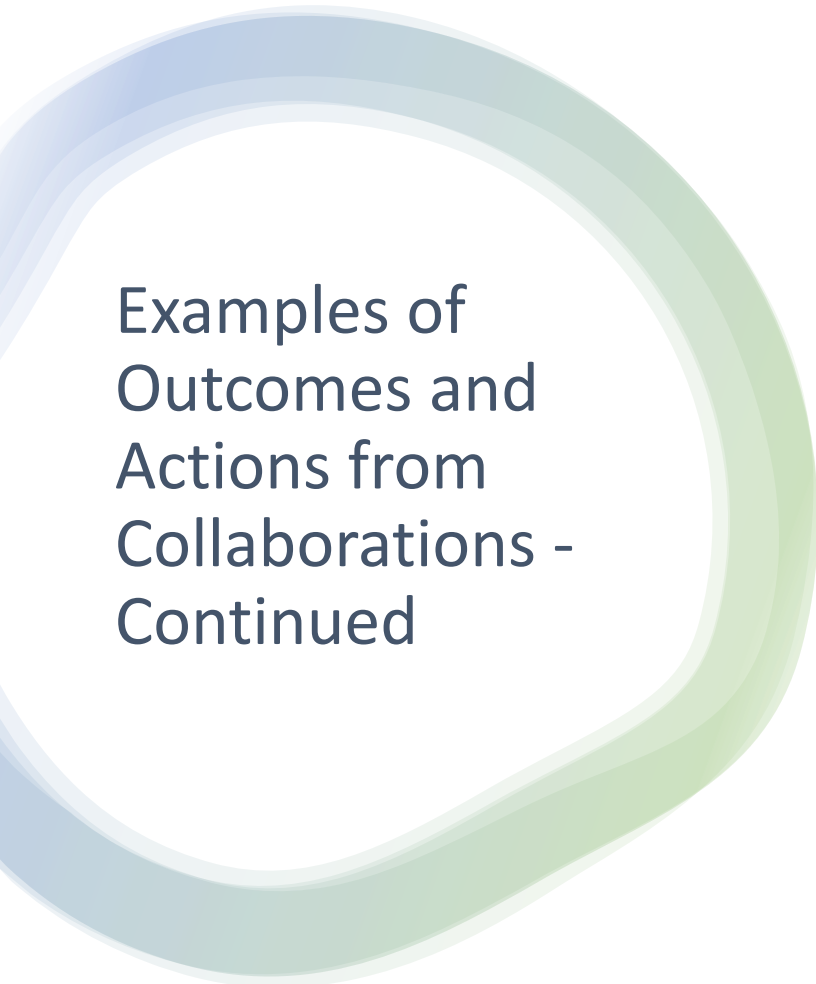
- 1. Planning Meeting** – Assessing Our Collective Resources and Future Buckets of Work
- 2. Initiation** – Setting ZE Goals Across Emission Categories and Identifying Barriers
- 3. Drayage** – Accelerating the Transition to ZE Drayage Trucks
- 4. Vessels** – Tackling Emissions from Ships and Commercial Harbor Craft
- 5. Cargo-Handling** – Readiness of ZE Cargo Handling Equipment
- 6. Electrification Readiness** – Developing a Port Master Electrification Plan



Examples of Outcomes and Actions from Collaborations

1. Community Decision-Making Power on the Board of Port Commissioners

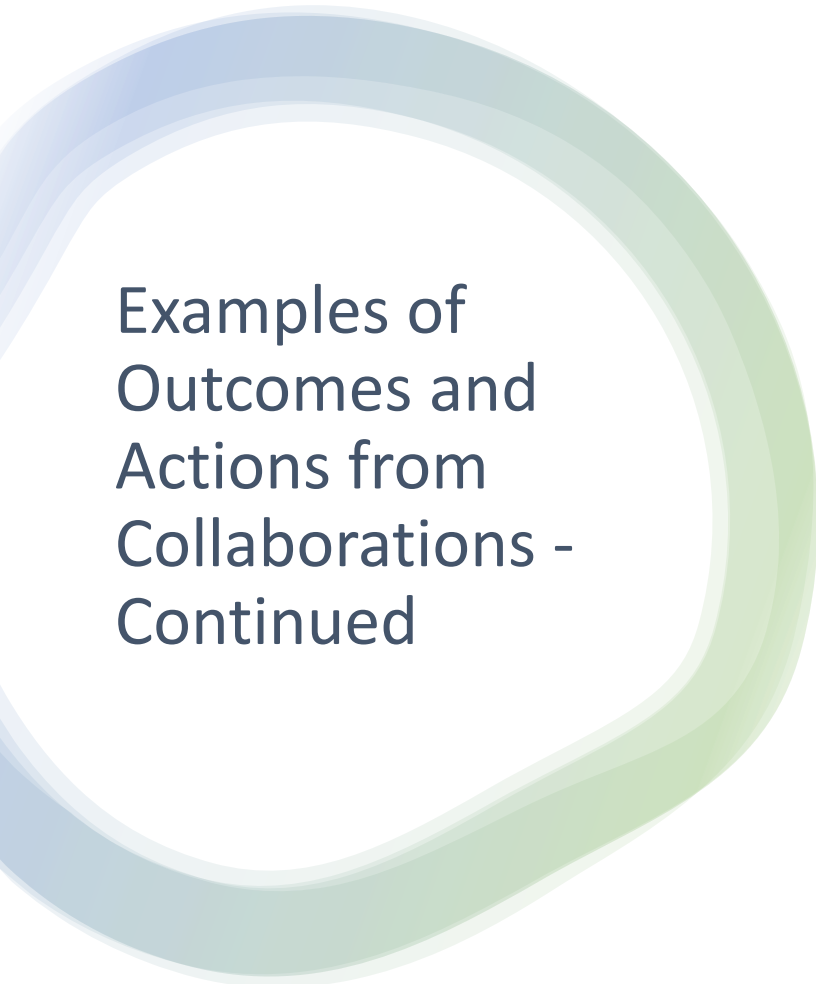
- Sent a coalition letter to the Mayor of Oakland requesting an Environmental Justice representative on Board of Port Commissioners
- Resulted in meeting with former-mayor Libby Schaaf committing to seek opportunities to add EJ representation at next open opportunity
- Led to existing ally on Board (Commissioner Colbruno) forming new Port Environmental Sub-Committee.
- Will continue advocacy through upcoming meetings with newly-elected Mayor Sheng Thao



Examples of Outcomes and Actions from Collaborations - Continued

2. Increasing Stakeholder Advocacy on Port Environmental Ordinance

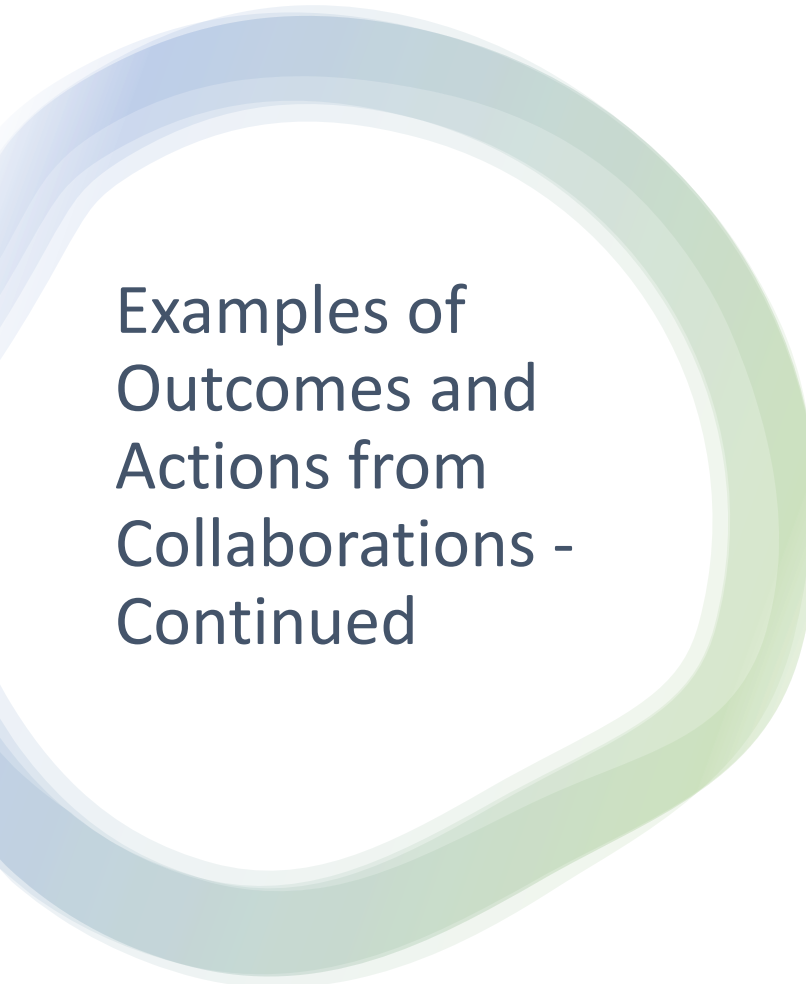
- Drafting comment letters, talking points and coordinating turnout for Board Meetings from partners (NGOs, academic experts, etc) to push priority issues.
- Led to Port Staff proposing to update its Environmental Ordinance to include measures that compel/encourage ZE transition.
- WOEIP, EJ, and Partners now actively working with Port Staff to advance ZE yard tractors through Technical Working Group



Examples of Outcomes and Actions from Collaborations - Continued

3. Driving Master Electrification Planning at the Port of Oakland

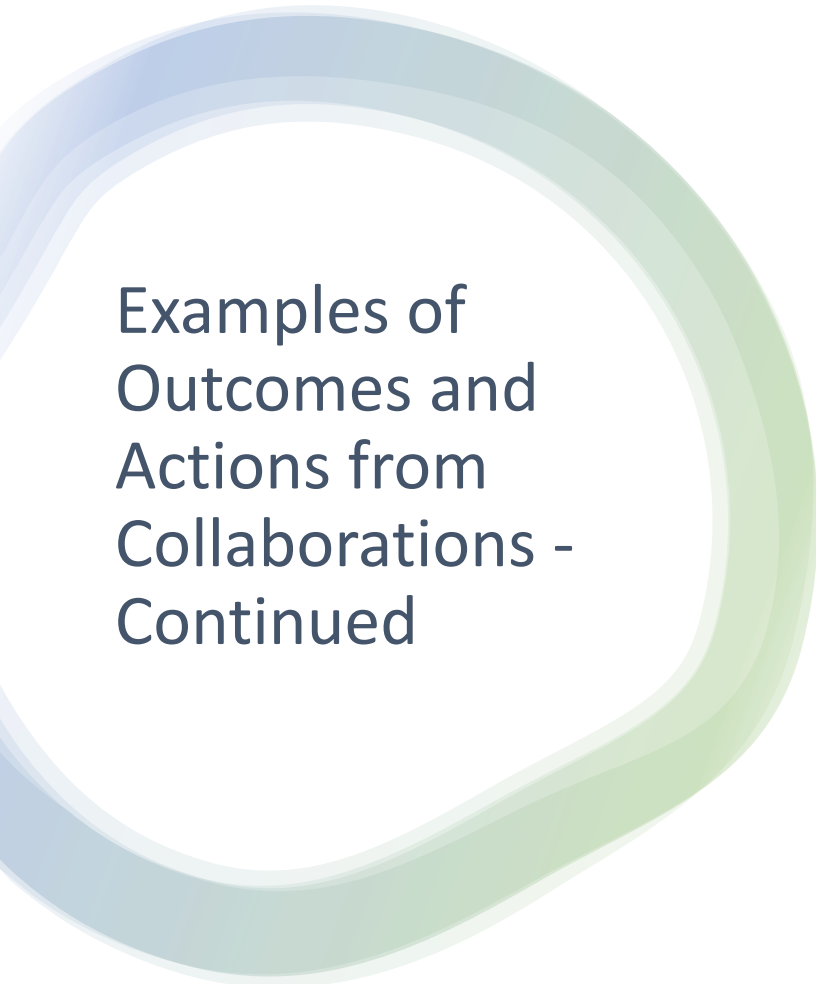
- Hosted multiple workshops and 2 panels to identify priority issues for enabling full electrification at Port of Oakland
- As a result of direct conversations with **Port Board and staff**, Master Electrification Planning will be a top priority for the Port's Environment Subcommittee.
- Alongside partners in Collaborative, delivered detailed comments for suggested elements of a Master Electrification Plan and priority areas for funding.



Examples of Outcomes and Actions from Collaborations - Continued

4. Advocating for Additional Funding to Accelerate Electrification

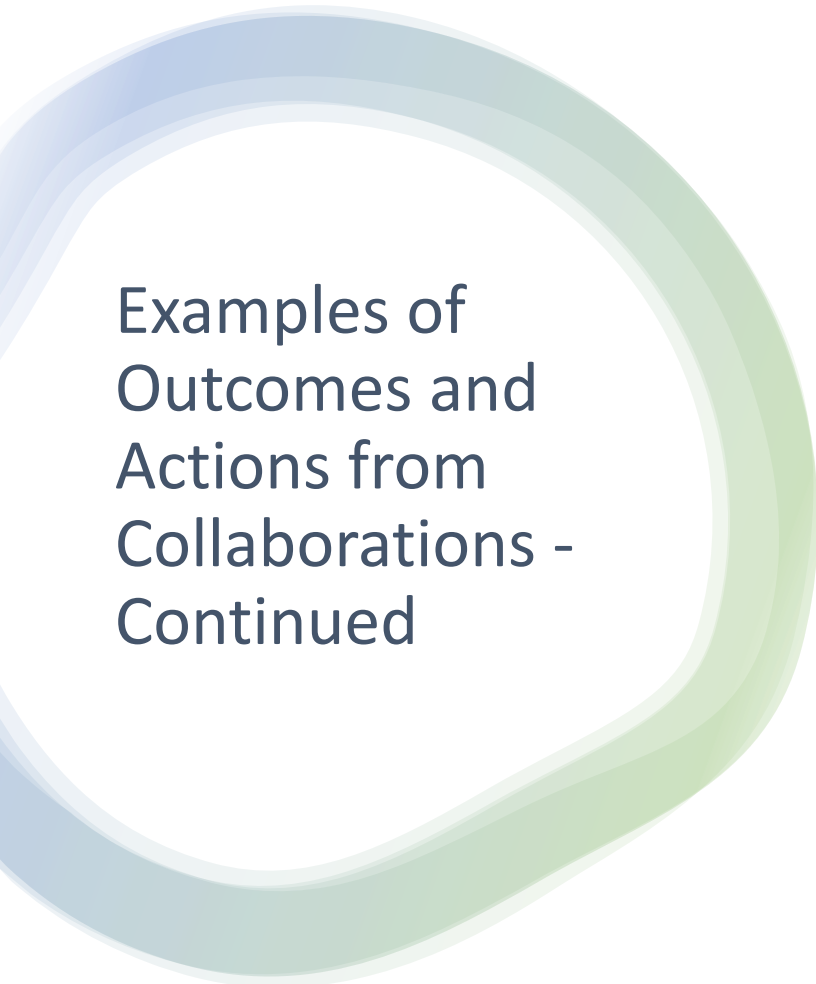
- Provided letters of support that have helped the Port secure a grant for \$5.2 million to upgrade electrical infrastructure to support ZE.
- Working with Port Staff to highlight Federal and State funding opportunities and provide feedback on possible project ideas.
- Working with Commissioner Colbruno to establish a formal role for EJ groups to provide review and input on grant opportunities.
- Provide comments to Port Board and staff encouraging greater ZE investments in upcoming capital improvement budgets.
- Meet directly with terminal operators like Trapac to identify opportunities to advance ZE commitments in grant applications.



Examples of Outcomes and Actions from Collaborations - Continued

5. Resisting Expansion Projects that Increase Pollution

- Filed comments – joined by coalition of advocacy partners from Collaborative – objecting to Army Corps of Engineers proposal to widen the Turning Basin for vessels at the Port of Oakland.
- Engaged agency partners in Collaborative to weigh in with written comments adding their concerns about the project's impacts.
- Continuing to track the CEQA/NEPA review for this project



Examples of Outcomes and Actions from Collaborations - Continued

6. Tracking Port's Progress Towards Zero Emission Operations

- Analyzing Port emissions inventory to assess progress turning over pieces of equipment and shares of operation from combustion to zero emission
- Engaging with partners to provide detailed comments and verbal testimony at Board meetings to highlight gaps in progress
- Directly highlighting need for more transparent reporting and improved interim targets in progress reports for the Beyond 2020 Plan

Oakland General Plan Update

Beth Altshuler Muñoz

Housing Element Timeline

- November 29, 2022 – Publication of Public Hearing Draft Housing Element
- November 30, 2022 - December 6, 2022 – Seven-day public review period, pursuant to AB 215
- December 7, 2022 – Submittal to State HCD
- December 29, 2022 – End of the comment period for the Housing Element Public Hearing Draft
- January 2023 – Public Hearings for Housing Element Adoption (Dates TBD)

Housing Element Comment Letter

Submitted Letter

https://docs.google.com/document/d/13Pn7Rdke6u4ds322Kz_H2vI0EyZCVGk4HT9_YBj6Kq0/edit?usp=sharing

Housing Element Public Hearing Draft

<https://www.oaklandca.gov/documents/2023-2031-housing-element-public-hearing-draft>

Response to public Comment Letters here

https://cao-94612.s3.amazonaws.com/documents/Appendix-L2-Response-to-HE-Public-Comments_11.28.22.pdf

Environmental Justice Element Timeline

- Collecting input, refining map, and drafting policies
- Draft to come out in Spring 2023
- Adoption hearings July 2023 (along with the Safety Element)

EJ Communities Map Comment Letter Impact

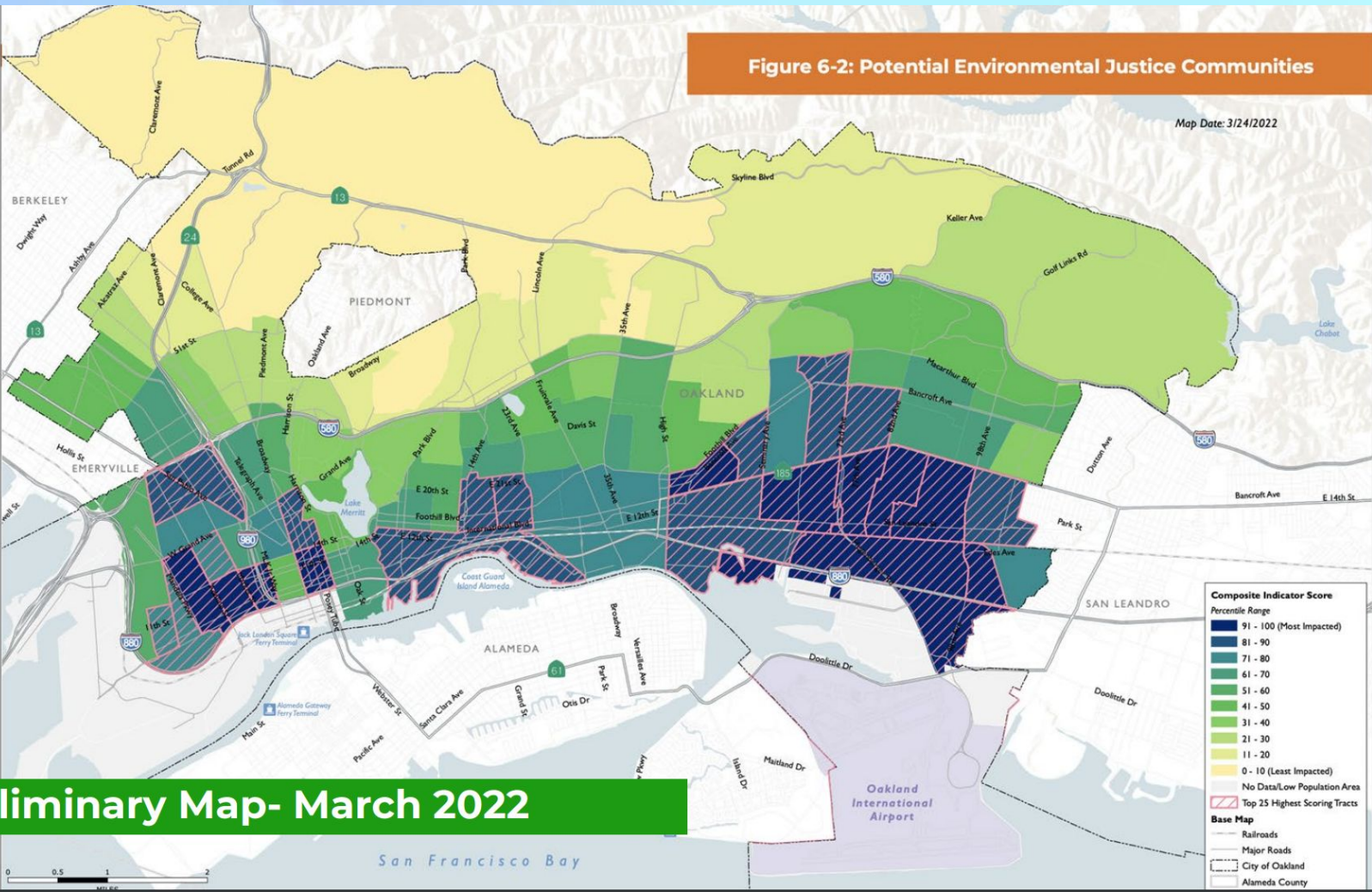
Submitted Letter

https://docs.google.com/document/d/1leqHIWO81qXjRbGpYXG107BI3PquEEpw9-C_4h93RZA/edit?usp=sharing

1. Correctly designate *all* of West Oakland as an Environmental Justice Community.
2. The list of Environmental Justice Communities should be inclusive of the Top 25 Highest Scoring census tracts (or top 25th percentile of census tracts) AND any census tract that scores in the top 90th percentile for any category (*e.g., Race and Poverty; Pollution Burden; Sensitive Populations; Built Environment Category Score*)
3. The screening methodology does not properly account for pockets of disproportionate burden experienced by low-income communities in census tracts and/or census tracts that have experienced or are undergoing demographic change.
4. Industrial land uses pose significant pollution risks, yet appear to be missing from the index.

Figure 6-2: Potential Environmental Justice Communities

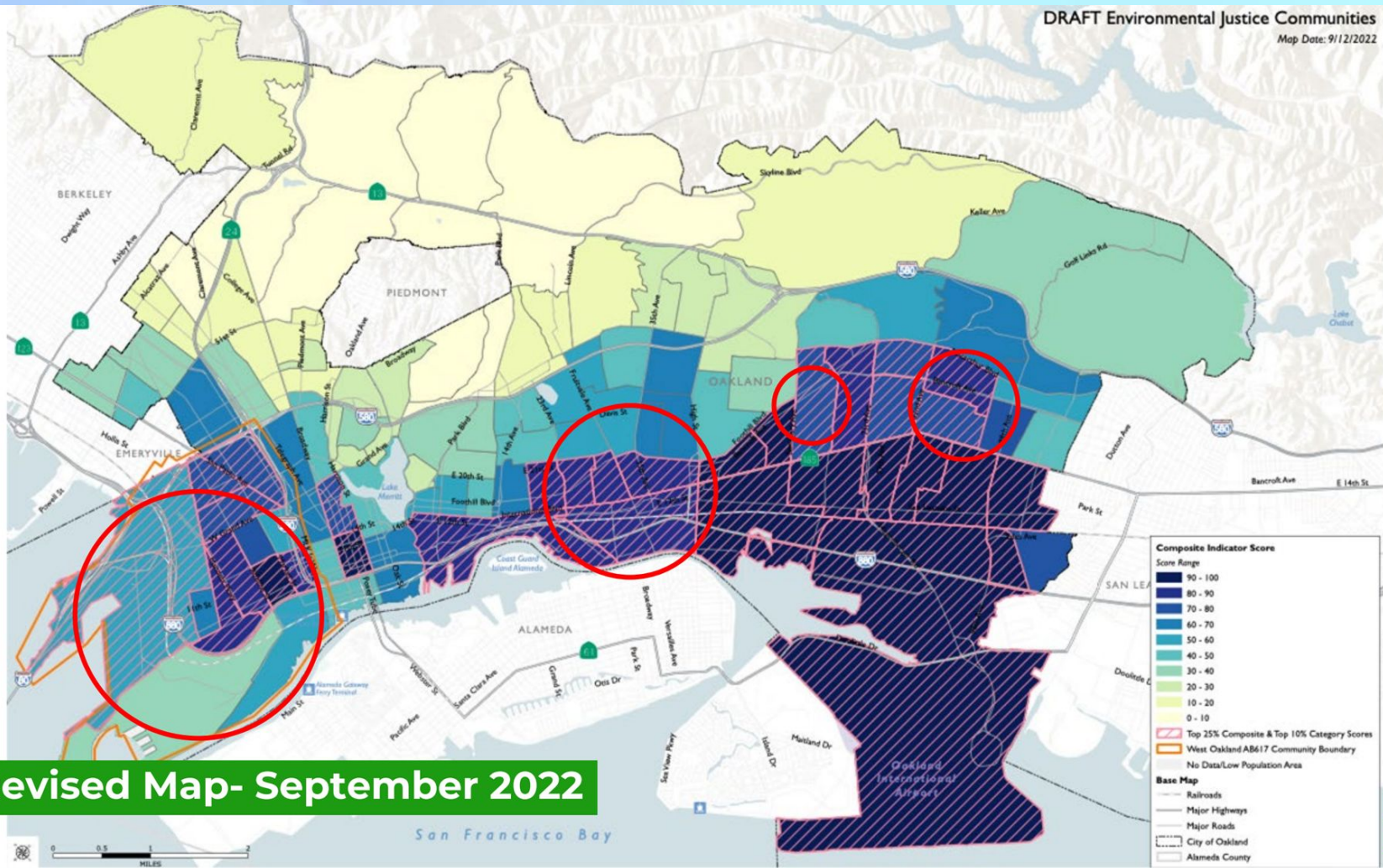
Map Date: 3/24/2022



Preliminary Map- March 2022

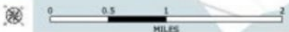


San Francisco Bay



Revised Map- September 2022

San Francisco Bay



Map changes

Instead of only identifying the top 25 census tracts with the highest composite screening score, the new methodology identifies 38 census tracts that meet at least one of the following conditions, in order of consideration:

1. Census tracts scoring 0.75 or greater (top 25%) for the overall composite score;
2. Census tract scoring 0.90 or greater (top 10%) for any individual category: Race/Low Income, Pollution Burden, Sensitive Population, or Built Environment; or
3. Census tracts within the West Oakland AB 617 Community boundary (and East Oakland AB 617 boundaries once finalized).

Table Summary of Changes

Replacement	Minor Adjustment	Addition	Removal
<ul style="list-style-type: none"> • Low-Income Areas (State definitions) with % of households making <30% HUD Area Median Family Income (HAMFI) • Pediatric Asthma Attributable to NO₂ and Adult Asthma Rate with CalEnviroScreen Asthma Emergency Department Visits • Urban Heat Island Index (CalEPA 2015) with Maximum Temperature during Future Heat Health Events projected by California Heat Assessment Tool 	<ul style="list-style-type: none"> • Life Expectancy (reversed to measure negative outcomes) • Median Household Income (reversed) • Active Commutes (reversed) • Community Facilities (reversed) • Park Access (reversed) • Evictions per renters, not per all residents 	<ul style="list-style-type: none"> • Proximity to Industrial Zones • Farmers' Markets • Community Gardens • Energy Cost Burden • Extreme Commutes (90+ minutes) • Incomplete Plumbing/Kitchen Facilities • Students receiving Free or Reduced Price Meals (FRPM) 	<ul style="list-style-type: none"> • Distance to Healthcare Facilities

Still missing data from Port Activities....

- Pollution burden from Port is not well represented in the City's maps
- In conversation with Aclima to integrate their block level data
 - Aclima data ALSO doesn't solve the missing Port data problem

Large Group Discussion

1. How should City General Plan policies address Port impacts and operations?

Review Air Quality Objectives and Goals

May 4, 2022 WOCAP meeting, City presented the following “common” goals:

- Protect and improve community health by eliminating disparities in exposure to local air pollution
 - Reducing exposure of the most vulnerable members of the community
 - Emission reduction targets:
 1. by 2025, all West Oakland neighborhoods will have the same air quality as today’s average West Oakland neighborhood, and by
 2. by 2030, all West Oakland neighborhoods will have the same air quality of today’s “cleanest” West Oakland neighborhood.

*Must reiterate these EJ-related goals

Large Group Discussion

1. Should GPU have emission reduction targets? How can they reflect 2045 GP horizon?
2. Does Steering Committee have any other ideas for or examples of citywide-wide, long-term Air Quality goals? Emphasis on Port emissions reduction?

Confirm Key Air Quality-related Disparities

1. Fact Sheet-identified disparities
 - i. Inequitable exposure to land uses along I-980 and I-880 that generate and attract stationary and mobile sources of air pollution (PM2.5, PM10, NOX, diesel)
 - ii. Health inequities stemming from location of housing and other sensitive uses adjacent to industrial activities in West and East Oakland

Large Group Discussion

Based on the disparities presented in the Fact Sheet and the summary of previous WOCAP feedback, are there additional disparities to call out?

Complete Fact Sheet Air Quality Exercise

Air Quality				
Disparity/Gap	Draft Policy Ideas	Idea Source	Captures/ Addresses Issue?	Other/Comments / more detail
			yes/no	
Inequitable exposure to land uses along I-980 and I-880 that generate and attract stationary and mobile sources of air pollution (PM2.5, PM10, NOX, diesel)	EV charging: · require EV infrastructure as part of new warehouse/industrial buildings · install infrastructure (chargers/spaces) in key areas	WOCAP, ECAP		
	Reduce Port emissions through: · local ordinance amendments (such as weight limits for trucks on certain streets) · investment plan for Port infrastructure/operations upgrades · study truck flow/congestion · locations for off-terminal container yards · zero emission trucks	WOCAP, ECAP		
	Support Community Air Monitoring Plans (AB 617): · co-investments that leverage additional funding · use community-collected data	WOCAP, ECAP, Pop-up outreach		

Small Group Break Out

- Check the boxes, respond to “other/comments”, etc.



Air Quality and Pollution Issues and Draft Policy Ideas

This list of draft policy ideas was developed from existing community and neighborhood plans, as well as community outreach. Let us know whether the following tables accurately capture environmental justice issues in your community and whether the draft policy ideas do enough to address these issues by **checking the box in the column that is your answer**. Feel free to leave additional ideas/comments in the “Other feedback?” column!

Sources referenced below:

- ECAP = [Oakland Equitable Climate Action Plan 2030](#)
- EONI = [East Oakland Neighborhoods Initiative Community Plan](#)
- HDG = [Oakland Healthy Development Guidelines](#)
- WOCAP = [West Oakland Community Action Plan](#)
- WOEIP = [West Oakland Environmental Indicators Project](#)



Additional WOCAP Strategies to Consider

- Strategies listed have been discussed at previous WOCAP meetings as good for GPU

Strategy 4	Consistent with measures in the West Oakland Specific Plan, the City of Oakland identifies locations outside of West Oakland for heavier industrial businesses currently in West Oakland that contribute to air pollution emissions and negative health outcomes in West Oakland.
Strategy 5	The City of Oakland and Port of Oakland amends existing Ordinances, Resolutions, or Administrative policies to accelerate relocation of truck yards and truck repair, service, and fueling businesses in West Oakland currently located within the freeway boundaries that do not conform with the zoning designations adopted in the West Oakland Specific Plan.
Strategy 6	The City of Oakland uses incentives and subsidies to relocate businesses away from West Oakland that do not conform with the zoning designations adopted in the West Oakland Specific Plan. The Air District will provide emissions data and technical support to assist the City in these efforts and to ensure that any relocated businesses do not cause exposure issues at the new location.
Strategy 7	Revise business licensing procedures to require current and proposed businesses to disclose truck visits per day and work with Caltrans to determine the number of trucks that park in the Caltrans right-of-way near West Oakland.
Strategy 8	Amend existing City Ordinances and Administrative policies to list new truck yards and truck service, repair and fueling businesses as prohibited uses within the area of West Oakland that is inside the freeways (excluding the Port, OAB, and 3rd St. corridor of Jack London Square from Brush St. to Union St.).
Strategy 9	Develop a plan to limit the hours that trucks can operate in the community.

Additional WOCAP Strategies to Consider

Strategy 13	The City of Oakland conducts a study regarding development fees for environmental mitigations.
Strategy 16	study the exposure reduction benefit of requiring solid or vegetative barriers to be incorporated into site design between buildings and sources of air pollution (for example, a freeway).
Strategy 22	The City of Oakland adopts more stringent air quality construction and operations requirements.
Strategy 25	To address potential changes in local pollution exposure, the City of Oakland works with local community groups to address gentrification and the pricing out of long-term residents caused by gentrification. This effort includes meetings with local community groups and incentives and loans targeted to existing businesses and residents. Funding for this effort is identified as needed.
Strategy 27	The City of Oakland and other appropriate local agencies limit fugitive dust from construction activity through better enforcement of existing regulations and permit requirements.
Strategy 76	Work with local and agency partners to implement regional and local adoption of the State Department of Public Health's "Health In All Policies" program.
Strategy 79	Work with agency and community partners to undertake participatory budgeting with West Oakland community members to allocate local health improvement grants that reduce emissions or exposure to emissions.
Strategy 81	The City of Oakland works with local businesses, partner agencies, and community members to develop a Green Business Strategic Plan to attract, retain, and support innovative green companies in West Oakland. This effort includes coordination with State and local agencies to develop criteria for green business certification for new and existing businesses.
Strategy 83	The City of Oakland works with community partners to implement the Healthy Development Guidelines for new building projects.

Instructions

Group 1- Beth

Group 2 - Alicia

Group 3 - Anna

Group 4 - Joshua

In your group, skim the WOCAP strategies for the GP. Then Respond to the city proposed strategies on the Green/Yellow tables. Add additional comments for missing topics on the pink/purple table.

Extra credit if you have time...review the strategies about water quality (blue) and hazardous materials (orange) tables.

Reference doc: Air Quality and Pollution Fact Sheet

<https://drive.google.com/file/d/1wb-WXW5ZXFig8uXwfpju8Os2aj8oXeXa/view?usp=sharing>

SMALL GROUP
BREAKOUT ACTIVITY
DOC

https://docs.google.com/presentation/d/1Ktn0WqZ5lyvslzYPhWSwAYAYcQj1NxXDs2gyJ6Dl4gY/edit#slide=id.g1b31de68f9a_0_236

WOMEN OF THE
BLACK PANTHER PARTY

SERVE THE
THE PEOPLE
BODY
AND
SOUL

Next Steps/ Announcements

WE'VE COME TOO FAR
TO TURN BACK NOW
ALL POWER TO
THE PEOPLE!

LOVE IS AN
EXPRESSION
OF POWER
WE CAN USE TO
TRANSFORM
OUR WORLD



Adjourn



RESERVED
PARKING
ONLY

RESERVED
PARKING
ONLY