



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

AGENDA: 6

Bay Area Permitting Overview

Community Equity, Health and Justice
Committee Meeting
October 6, 2022

Kevin Oei
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Presentation Outcome



- Understand the current Air District Permitting Program

Presentation Requested Action



- None – informational presentation.

Presentation Outline



Air District Permitting Program

- Purpose of Permitting Program
- New Source Review Permits
- Major Facility Review Permits

Questions

Purpose of Permitting Program



- Protect human health, public welfare, property, and economy
- Meet Ambient Air Quality Standards (AAQS)
- Reduce emissions from stationary air pollution devices
- Verify compliance with federal, State, and local air quality regulations
- In 2021, the Air District issued: 850 permits
 - 820 New Source Review (NSR) permits & registrations
 - 30 Major Facility Review permits

NSR - Overview



- New Source Review (NSR)
 - Two-Part Process
 - Authority to Construct (A/C)
 - Obtained prior to the commencement of construction
 - May require meeting start-up conditions (A/C requirements)
 - Permit to Operate (P/O)
 - Allows for the operation of a source
 - Issued after the requirements of the A/C are met
 - Renewed on an annual basis

NSR - Permit Criteria



- New Source Review
 - Best Available Control Technology (BACT)
 - Offsets
 - Air Toxics Health Risk Assessment (HRA)
 - California Environmental Quality Act (CEQA)
 - Public Notice
 - Public School / Waters Bill
 - Significant Emission Increases / Offsets
 - ***Overburdened Community***

NSR - Key Review Elements



- Regulation 2, Rules 1 and 2
 - Best Available Control Technology (BACT)
 - Sources that emit 10 pounds per highest day or more of a regulated air pollutant
 - Most stringent control that is cost-effective or achieved in practice
 - Offsets
 - Facilities permitted to emit more than 10 tons per year of nitrogen oxides or precursor organic compounds
 - Facilities permitted to emit more than 100 tons per year of particulate matter or sulfur dioxide

NSR - Key Review Elements (cont.)



- Regulation 2, Rules 1 and 2
 - Public Notice and 30-day public comment period
 - Project within 1,000 feet from a K-12 school
 - ***Project located within an Overburdened Community***
 - Project with significant emission increases or banking
 - District's Public Notices webpage
 - List of active & historical public notices for permit applications: www.baaqmd.gov/permits/public-notices

NSR - Key Review Elements (cont.)



- Regulation 2, Rule 5
 - Acceptable Project Risk
 - Cancer Risk of 10 in a million or less
 - ***Overburdened Community: 6 in a million***
 - Acute and Chronic Hazard Index of 1.0 or less

NSR - Key Review Elements (cont.)



- Regulation 2, Rule 5 cont.
 - Source Requirements
 - Best Available Control Technology for Toxic Air Contaminants (TBACT)
 - Cancer Risk greater than 1.0 in a million
 - Chronic Hazard Index greater than 0.20
 - Project definition
 - Lookback period extended from 3 to 5 years (all applications)

NSR - Key Review Elements (cont.)



- California Public Records Act
 - Right to review public records held by the Air District
 - District's Permit Applications Received webpage
 - List of permit applications received for the last 2 years:
www.baaqmd.gov/permits/public-notices/permit-applications-received
 - Comments or questions on permit status
 - Air District Permit Ombudsman
(PermitOmbudsman@baaqmd.gov)

NSR - Permitting Process



MFR – Overview



- Major Facility Review (MFR) Purpose
 - Compile all air quality requirements into one document
 - Incorporate new regulatory requirements
 - Include monitoring and recordkeeping
- Major Facility Thresholds
 - 100 tons per year of a regulated air pollutant
 - 10 tons per year of a single hazardous air pollutant
 - 25 tons per year of a combination of hazardous air pollutants

MFR - Key Review Elements (cont.)



- Regulation 2, Rule 6
 - Application Types
 - Initial
 - Renewal
 - Administrative Amendment
 - Minor Revision
 - Significant Revision
 - Reviews Air Quality Regulations
 - Federal
 - State
 - Local

MFR - Key Review Elements (cont.)



- Regulation 2, Rule 6
 - Comment Opportunities
 - 30-day public comment period for initial, renewal, and significant revision
 - 45-day EPA comment period for initial, renewal, and significant revision
 - Public Hearing – if requested
 - District's Title V Public Notices webpage
 - List of current public notices for Title V permits:
www.baaqmd.gov/permits/major-facility-review-title-v/title-v-permits



Questions



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AGENDA: 6

Bay Area Permitting Overview – Additional Slides

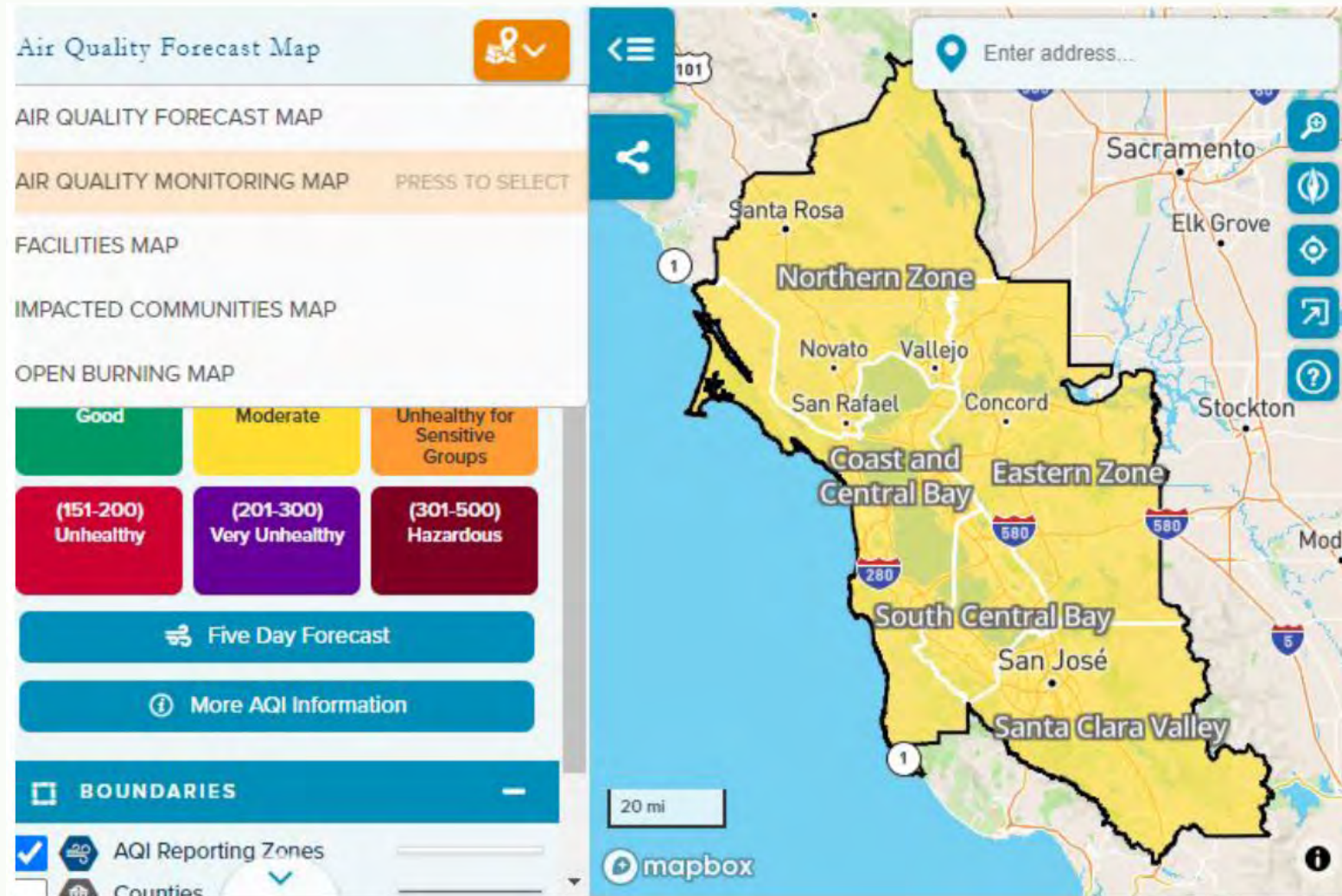
Community Equity, Health and Justice
Committee Meeting
October 6, 2022

Kevin Oei
Supervising Air Quality Engineer
koei@baaqmd.gov

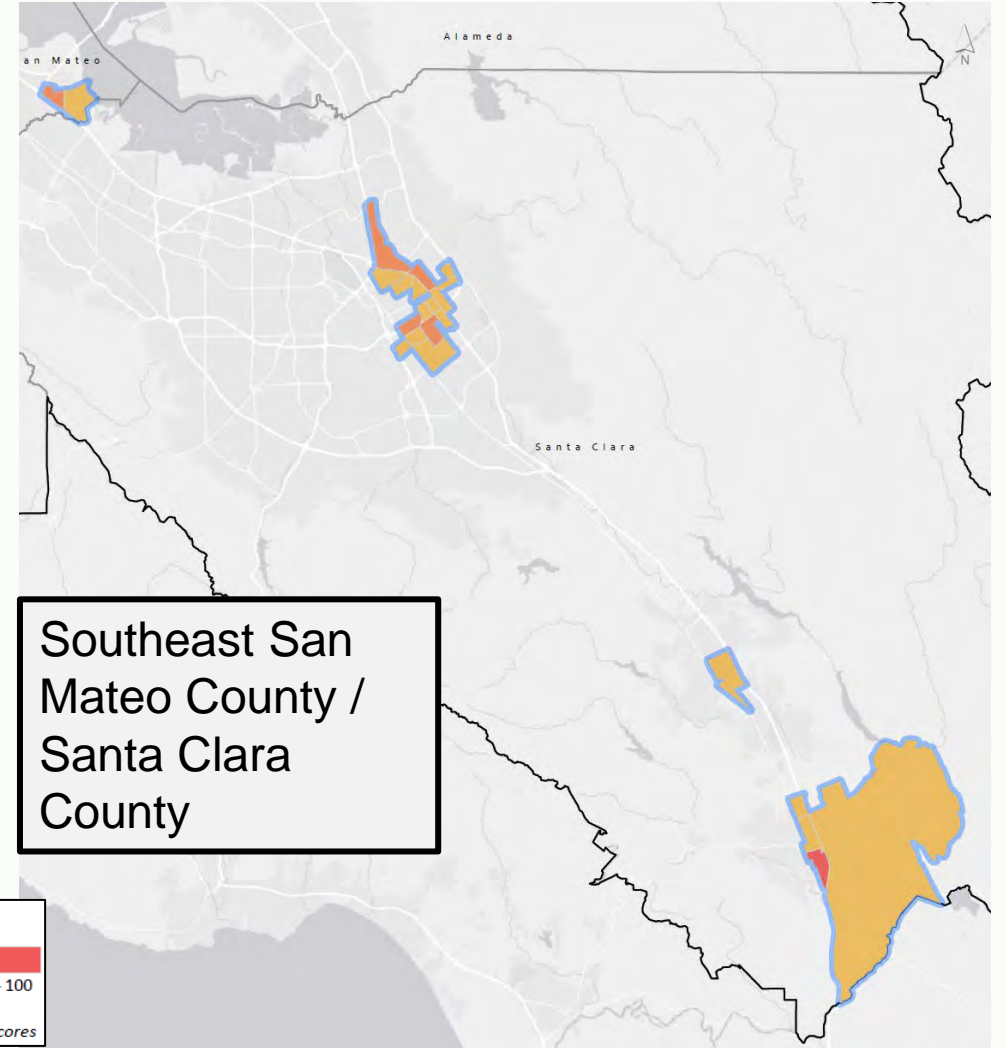
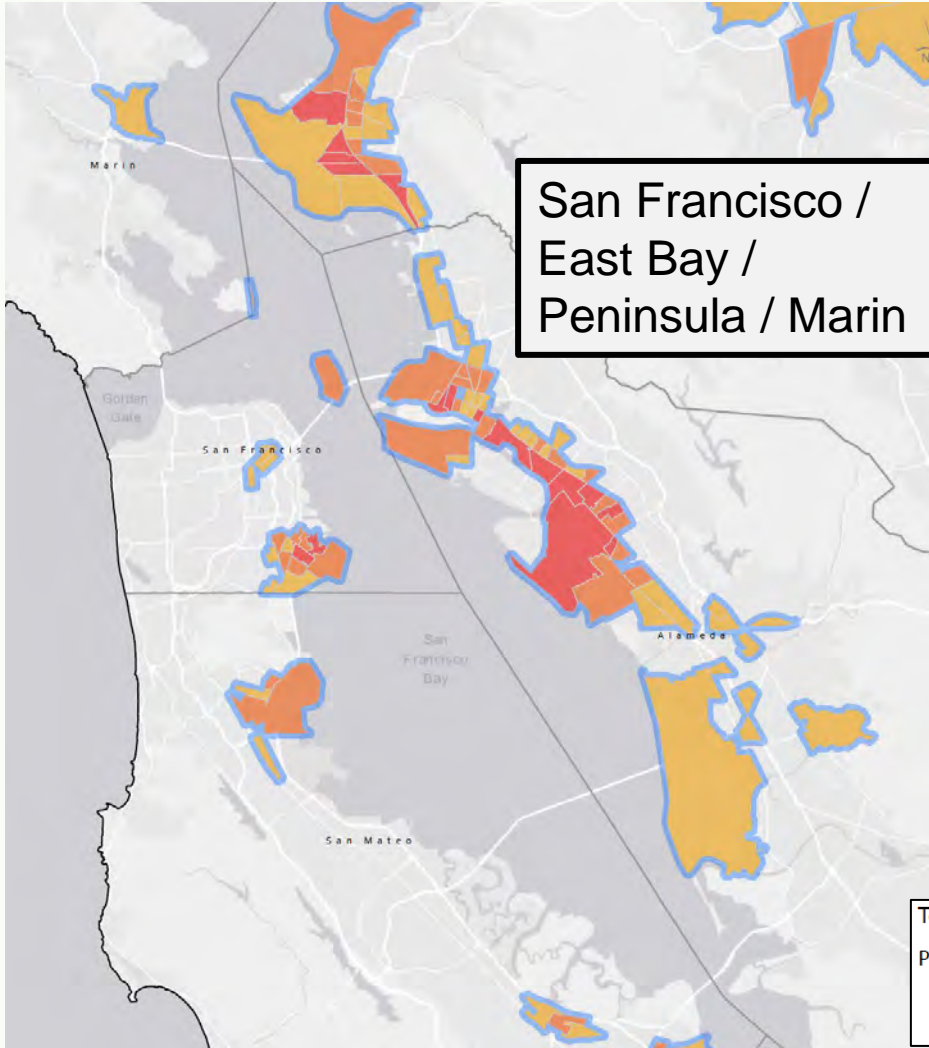
Overburdened Community Maps



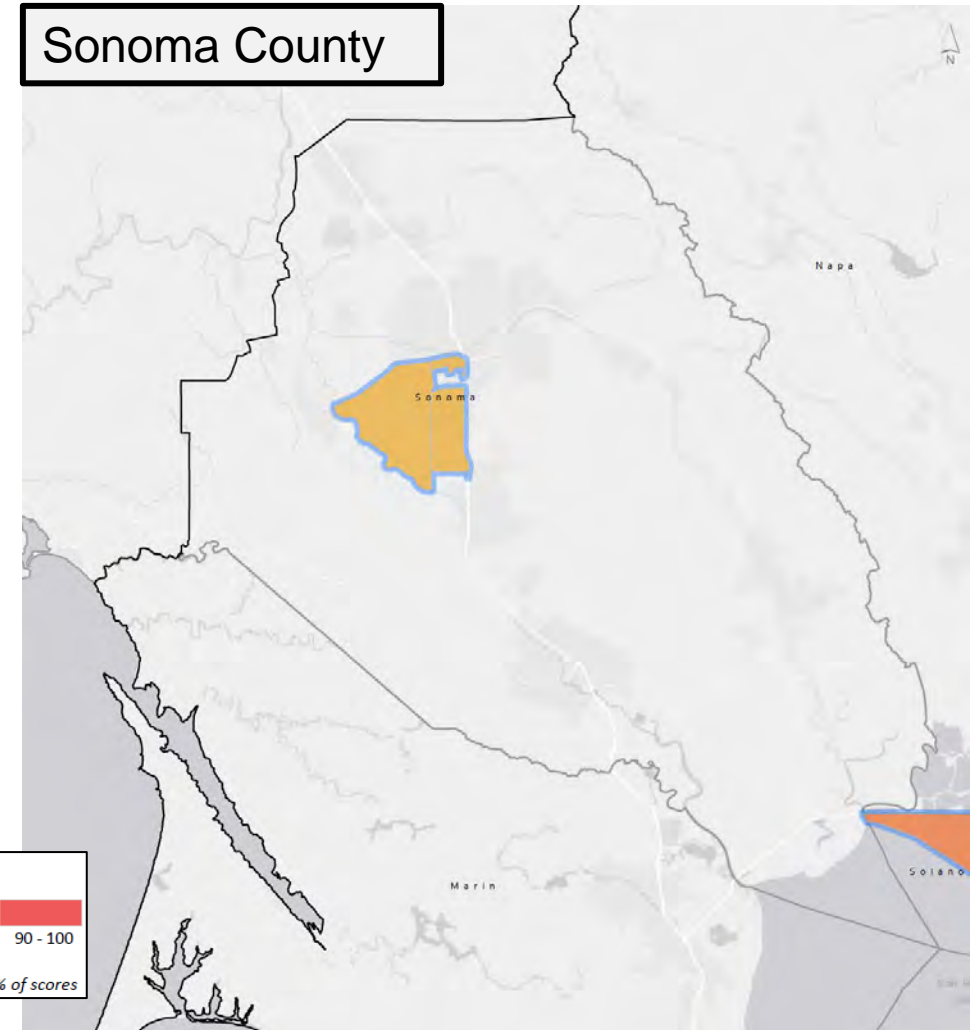
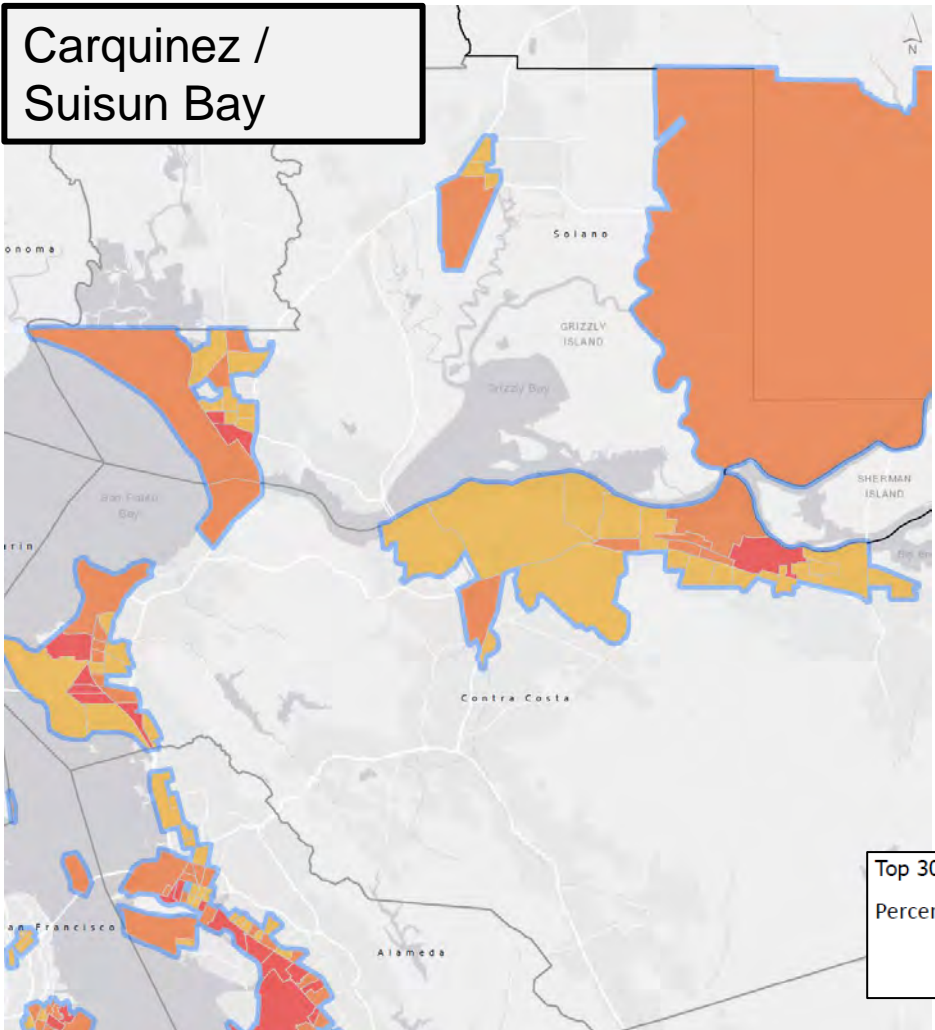
www.baaqmd.gov/about-air-quality/interactive-data-maps



CalEnviroScreen 4.0



CalEnviroScreen 4.0 (cont.)





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DISTRICT

AGENDA: 7

Recommendation for Board Action to Authorize Execution of Contract Amendments for Year 2 of the James Cary Smith Community Grant Program

Community, Equity, Health, and Justice
Committee Meeting
October 6, 2022

Elinor Mattern
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emattern@baaqmd.gov

Aneesh Rana
Senior Staff Specialist
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Presentation Requested Action



Recommend Board Action to consider authorizing the Interim Executive Officer/APCO to execute any and all contract amendments to extend the term of the current James Cary Smith (JCS) Community Grant awards previously approved by the Board for one additional year, and to amend the cumulative grant amount in a not to exceed amount of \$2,059,976. Amendments would allow eligible grantees to begin Year 2 of the three-year grant program.

Presentation Outline



- Background on JCS Community Grant Program
- Overview of current grant cycle (Year 1)
- Technical assistance and program evaluation
- Year 2 of program
- Grantee perspective: Project impact

James Cary Smith



- The Community Grants Program is named for Jim Smith, the Air District's former Community Outreach Manager.
- Mr. Smith passed away in 2015 from ALS, and the program extends his vision of more engaged and empowered communities.



James Cary Smith

Background on Grant Program



- The Community Engagement Office has offered grant funding to local organizations for more than a decade.
- From 2019 - 2021, two grant programs ran concurrently: James Cary Smith Community Grant Program & Community Health Protection Grant Program.
- In 2021, the Board of Directors authorized adjustments to/expansion of the James Cary Smith Community Grant Program.

Adjustments to Grant Program



- One aligned grant program
- Focus on environmental justice (EJ) communities
- Supporting local capacity-building efforts
- Offering multi-year grant awards – up to 3 years
- Increased grant amounts – up to \$100,000 per grantee per year

Current Grant Cycle (Year 1)



- 33 grants awarded to projects based in Bay Area environmental justice communities
- \$3 million awarded
- Wide range of capacity-building projects serving various populations
- Interactive grantee kickoff event

Building Community Capacity



- Funded activities include:
 - Community needs assessments
 - Community organizing around air quality & other issues
 - Exploring the root causes of air pollution & its impacts

Support Offered



- Two informational webinars about the grant program and application process, including a step-by-step tutorial on how to upload applications
- Translated grant program guidelines and outreach materials and provided call lines in Chinese, Spanish, Tagalog, and Vietnamese
- Ongoing customized support for grantees via office hours and trainings

Grant Program Evaluation



RDA Consulting – three evaluation questions:

- To what extent does the JCS grant reach EJ communities?
- How does the JCS grant support grantees to foster authentic community participation in Air District planning activities and to address air pollution?
- How have changes to the JCS grant program over time affected grant applicants, grantees, and EJ communities?

Year 2 (Spring 2023 – 2024)



- Year 2 grant dollars will fund a continuation of projects approved by the Board of Directors in 2021.
- 24 grantees eligible for Year 2 funding.
- Year 2 funding amount cannot exceed original amount requested by grantees.

Grantee Perspectives



- Urban Habitat
- Silicon Valley Bicycle Coalition



Boards & Commissions Leadership Institute (BCLI)

Train, place, and support. Nearly 200 alumni. Six-month intensive training.

Integrate environmental justice principles into BCLI curriculum

Test new curriculum on 2023 cohort, evaluate, and adjust as needed

Provide TA to commissioners on

EJ-related commissions - ongoing support

Help to place more equity-minded and trained commissioners onto

EJ-related commissions





Local Teams

Advocate for making their city streets better for people walking and biking, resulting in a healthier and more livable community.

Through the JCS grant we will expand and establish teams in the cities of North San Mateo County, East Palo Alto, Redwood City + North Fair Oaks and East San José, all of which score highly on the CalEnviroScreen 4.0 Environmental Health Screening Tool.

Daniela Castañeda, Community Organizer



Community Equity, Health and Justice Committee
October 6, 2022



Bay Area Air Quality Management District

Requested Action



Recommend Board Action to consider authorizing the Interim Executive Officer/APCO to execute any and all contract amendments to extend the term of the current James Cary Smith Community Grant awards previously approved by the Board for one additional year, and to amend the cumulative grant amount in a not to exceed amount of \$2,059,976. Amendments would allow eligible grantees to begin Year 2 of the three-year grant program.



Questions?



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AGENDA: 8

**Assembly Bill (AB) 617 Community
Emissions Reduction Plan
Recommendation for Bayview
Hunters Point/Eastern San
Francisco**

**Community Equity, Health and Justice
Committee Meeting
October 6, 2022**

**Veronica Eady
Senior Deputy Executive Officer of Policy and Equity
veady@baaqmd.gov**

Presentation Outcome



- Requested Action
- Background – Selection Process
- Community Proposed CERP Process
- Recommendation

Presentation Requested Action



- Recommendation that the Board of Directors select Bayview Hunters Point for development of a Community Emissions Reduction Plan (CERP) pursuant to Assembly Bill (AB) 617

Community Self-Nomination Co-Leads



Bayview Hunters Point Community Advocates



**Bayview
Hunters Point**
Community
Advocates



Marie Harrison Community Foundation

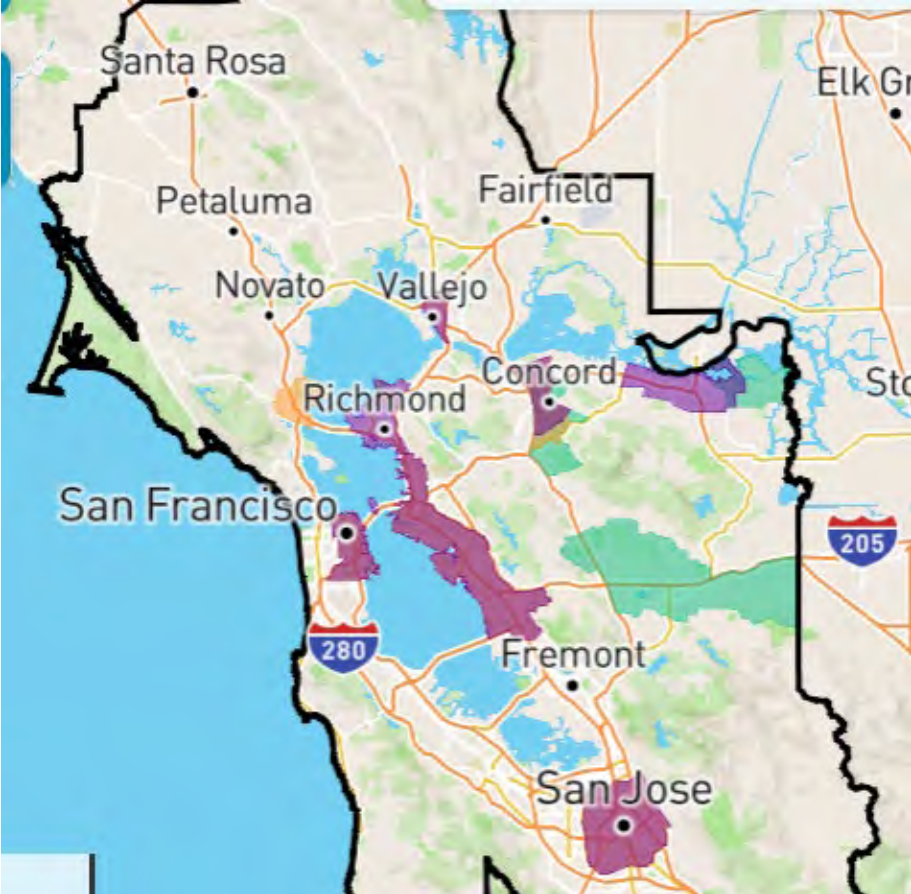


Marie Harrison Community Foundation

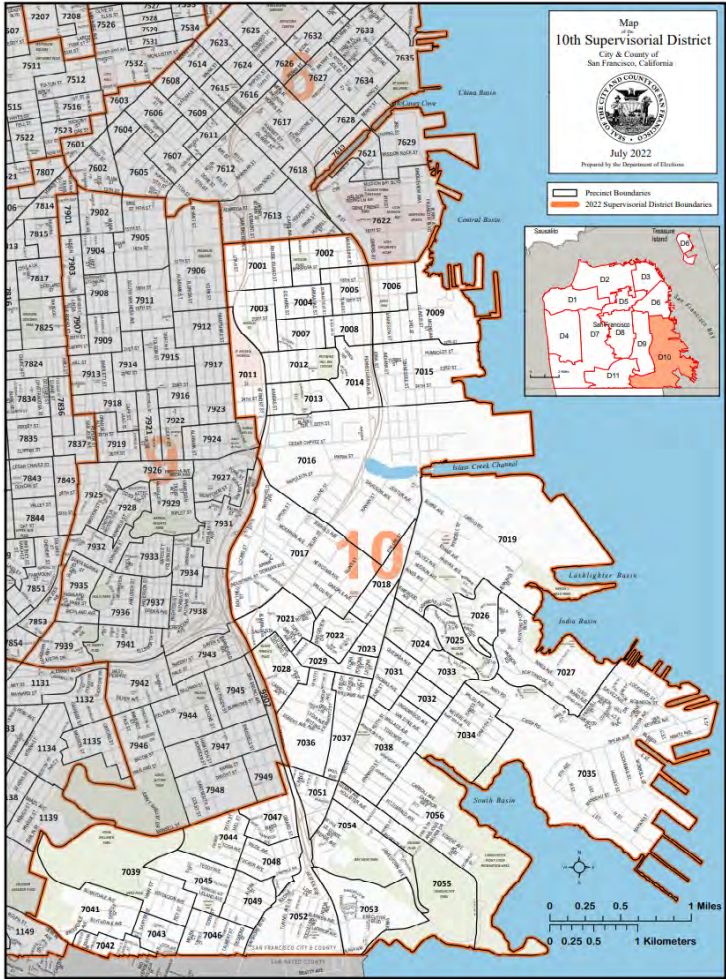
Ariann Harrison speaking at the Clean Air Centers Media Event, September 20, 2022



Background



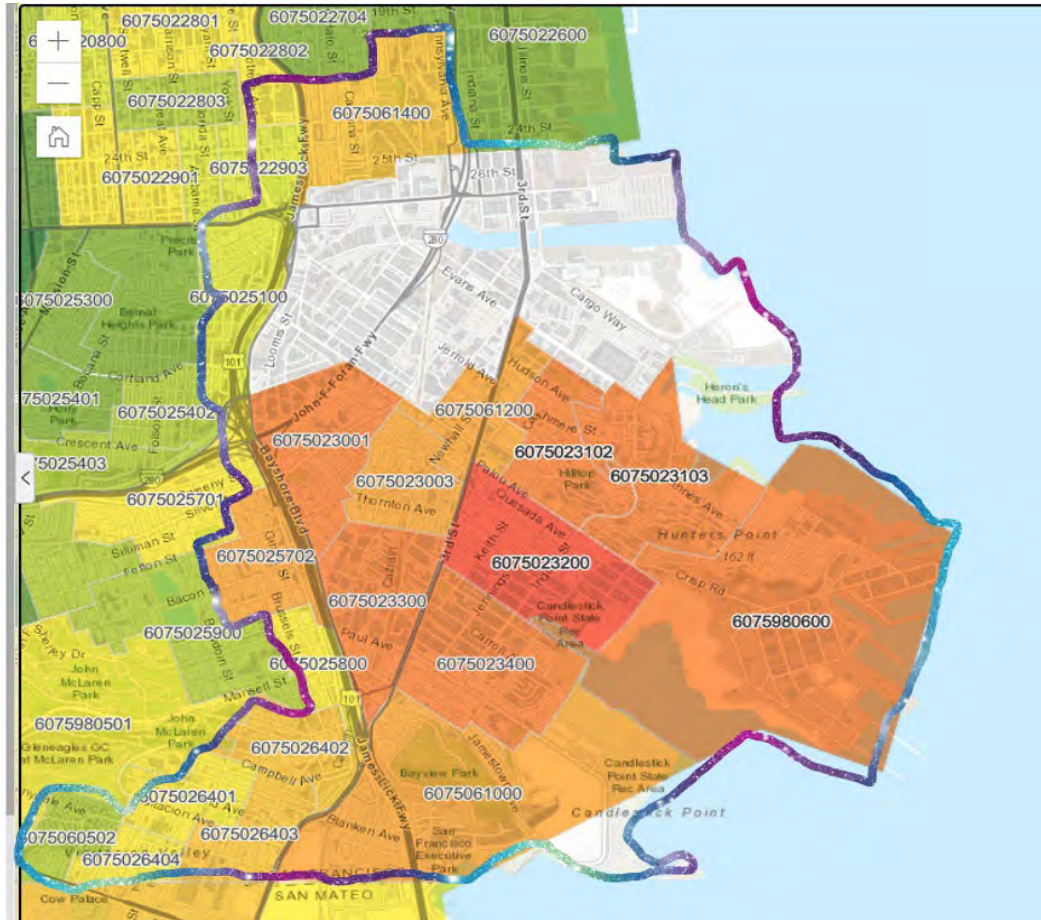
Designated CARE Communities in Bay Area Region



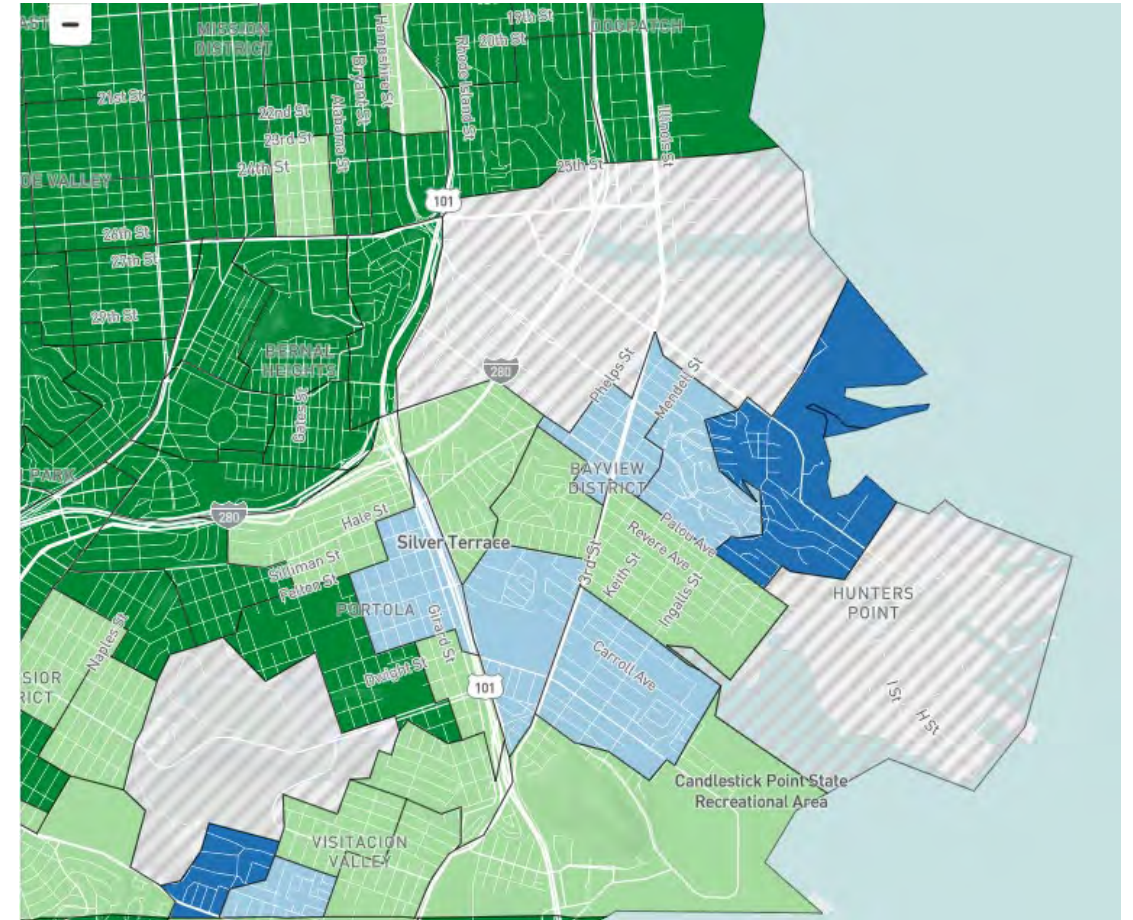
10th Supervisorial District

Source: [San Francisco Department of Elections](#)

Community Profile - Socio-Economic and Environmental Health (CES 4.0 and HPI 3.0)



CalEnviroScreen (CES) 4.0 Map of disadvantaged census tracts

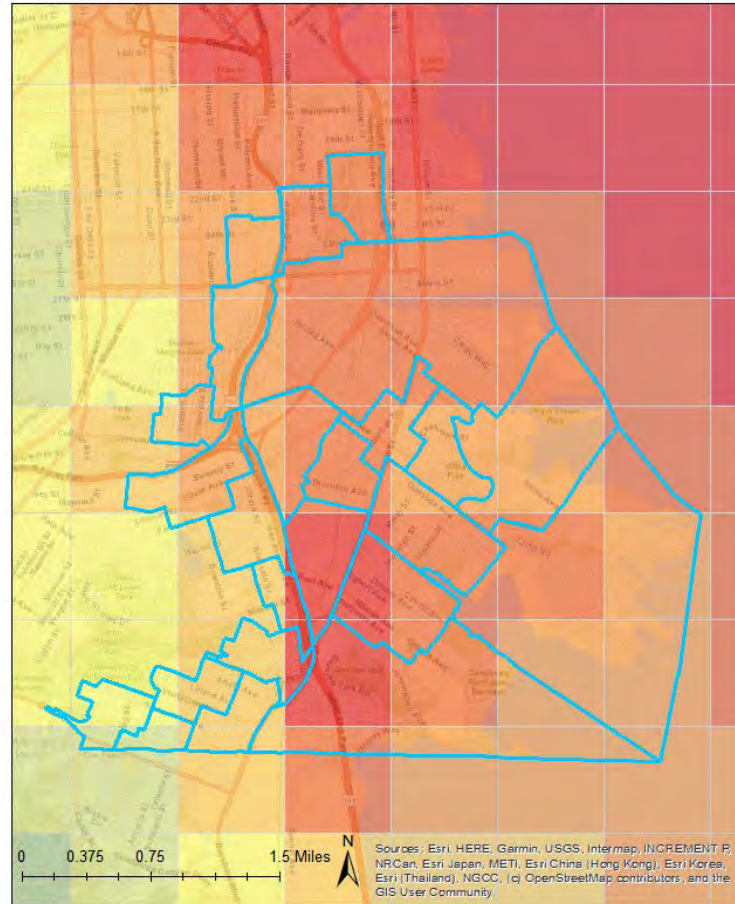
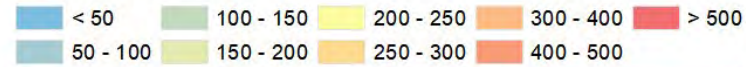


Calif. Healthy Places Index (HPI) 3.0 of cumulative health indicators by census tract

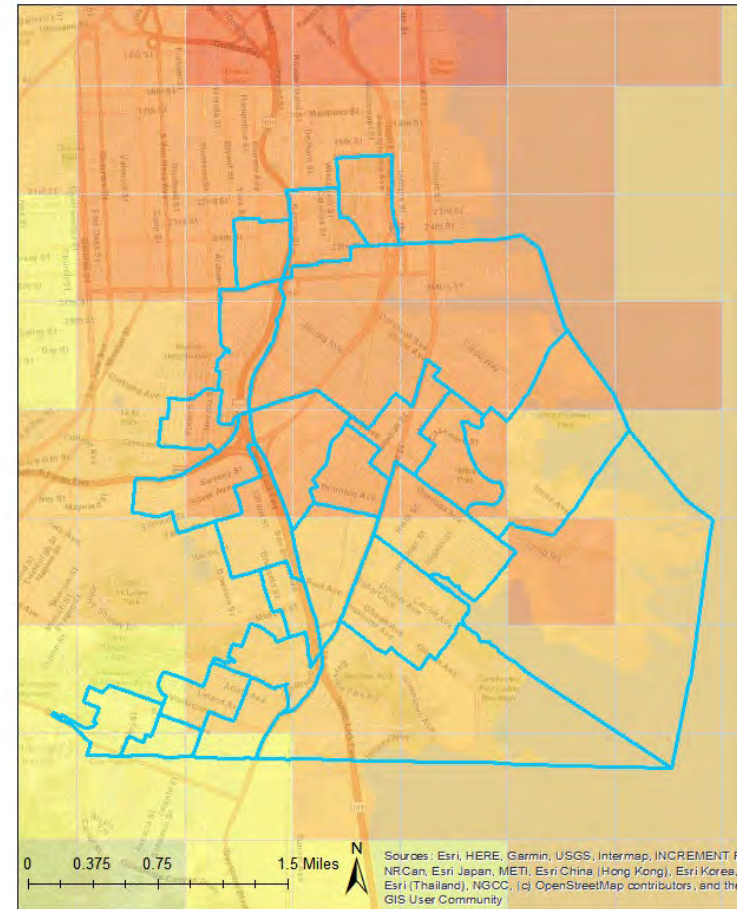
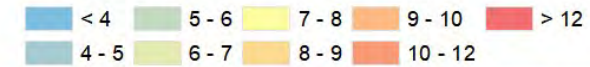
Characterizing the Air Pollution in BVHP



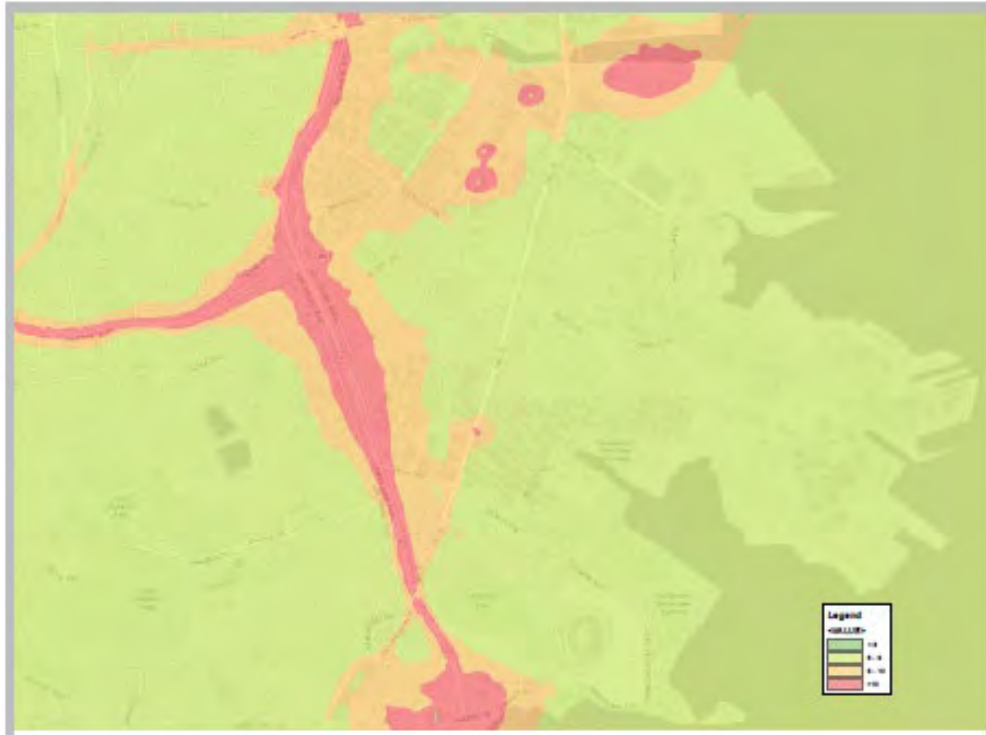
Bay View Hunter's Point - Cancer Risks (per million) in 2018
Simulated by CMAQ



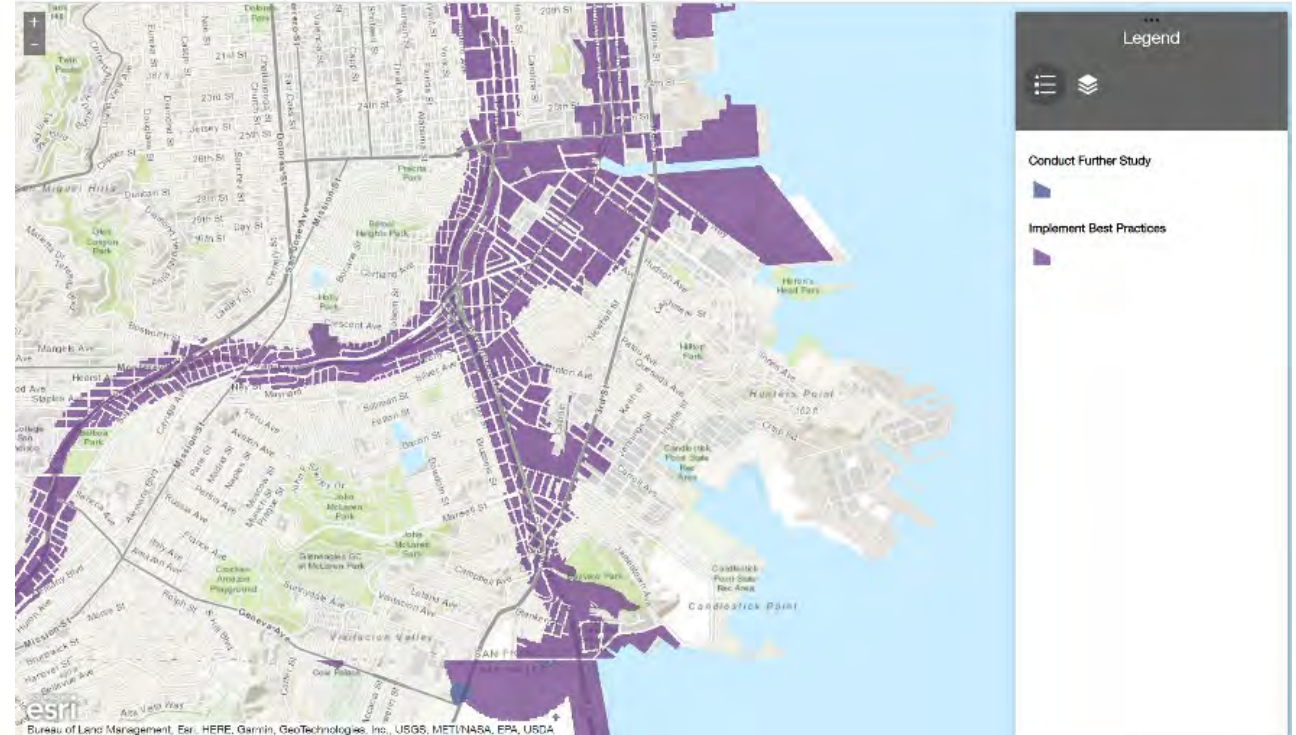
Bay View Hunter's Point - PM_{2.5} (µg/m³) in 2018
Simulated by CMAQ



Near Freeway and Industrial Exposure Maps



SF County Health Department Map of PM 2.5 concentrations in BVHP



Map of modeled emission exposure areas in BVHP recommended for policy action. Planning Healthy Places Guidelines.

Developing Partnership Goals for a CERP



- Develop a tripartite community-led process to support self-nomination for a Bayview Hunters Point Community Emissions Reduction Plan (CERP)
- Recognize and respect the community's engagement and leadership role in the process



Should Bayview-Hunters Point start a state process to create a community-based plan to reduce air pollution? Share your thoughts with D10 Supervisor and BAAQMD Board Member Shamann Walton, and your neighbors.

Wednesday, August 31, 2022
5:30 pm, on Webex

Register online at
bit.ly/BayviewAir

Or use this QR code



MORE INFO
Need translation help at the town hall?
Need more information?
Email
dalila@bvhpadvocates.org



Nomination Process Timeline



- **August 2022** - Co-leads present to ongoing monthly SE Council on proposal and get feedback
- **August 31 and September 15, 2022** - Co-leads hold BVHP community meetings on proposed self-nomination. Then Co-leads send self-nomination letter to District staff to be presented to Board
- **October 6, 2022** - Community, Equity, Health and Justice Meeting consider recommendation to select BVHP
- **October & November 2022** - Co-leads start further community engagement

Nomination Process Timeline (cont.)



- **November 2022**
 - Air District Board considers nomination item to be forwarded to Air Resources Board
 - Air District completes technical assessment work for Community Emissions Reduction Plan nomination as required by AB 617
 - Air Resources Board holds a Public Meeting on the nomination recommendations
- **February 13, 2023** - Air Resources Board votes on nomination

Recommendation



- Recommendation that the Board of Directors select Bayview Hunters Point for development of a Community Emissions Reduction Plan (CERP) pursuant to AB 617



Questions?