

East Oakland Community Emission Reduction Plan  
(CERP)

**Community Steering Committee Meeting #13**

*October 12, 2023*

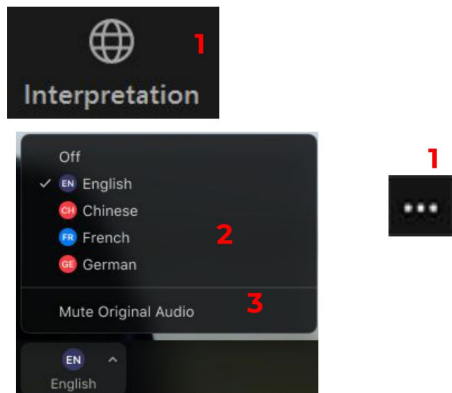


BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT

COMMUNITIES  
FOR A BETTER  
ENVIRONMENT  
established 1978

# Interpretation Instructions

Windows | macOS



## ZOOM - Select Language Channel

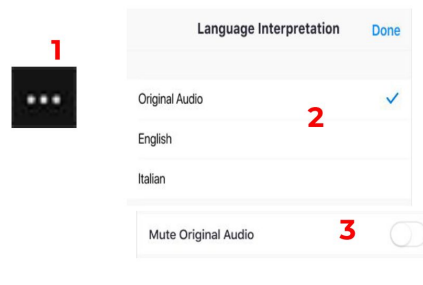
### ENGLISH

1. In your meeting/webinar controls, click Interpretation.
2. Select the language that you would like to hear: English.
3. Closed caption: please turn on if you need it.

### SPANISH

1. En los controles de la reunión o el seminario web, haga clic en Interpretación.
2. Haga clic en el idioma que desee escuchar: español (Spanish).
3. (Opcional) Para escuchar solo el idioma interpretado, haga clic en Silenciar audio original

Android | iOS



# Welcome

Co-Chairs: Aiyahna Johnson, Charles Reed, Mykela Patton

# Agenda

## Meeting Objectives:

- For CSC members to meet staff from the Air District's Engineering Division, Technology and Implementation Office (TIO), and Strategic Incentives Division (SID), and learn how their work can support development of the CERP.
- To share an update of the progress of the East Oakland Community Mapping project and encourage CSC members to add information to the Map and share it with their communities.

## Agenda:

- **Welcome, Interpretation, Agenda** (10 mins; 6:00-6:10 PM)
- **Goals Update** (5 mins; 6:10-6:15 PM)
- **Rotation 1:** Small Group Breakout Rooms with BAAQMD divisions: Engineering Division, Strategic Incentives Division (SID) and Technology and Implementation Office (TIO) (35 mins; 6:15-6:50 PM)
- **Break** (5 mins; 6:50-6:55 PM)
- **Rotation 2:** Small Group Breakout Rooms with BAAQMD divisions: Engineering Division, Strategic Incentives Division (SID) and Technology and Implementation Office (TIO) (35 mins; 6:55-7:30 PM)
- **East Oakland Community Mapping Project** (10 mins; 7:30-7:40 PM)
- **East Oakland Environmental Justice (EJ) Announcements and Updates** (15 mins; 7:40-7:55 PM)
- **Next Steps and Close Out** (7:55 PM)

## Initial Meeting Agreements or Notes for Participation

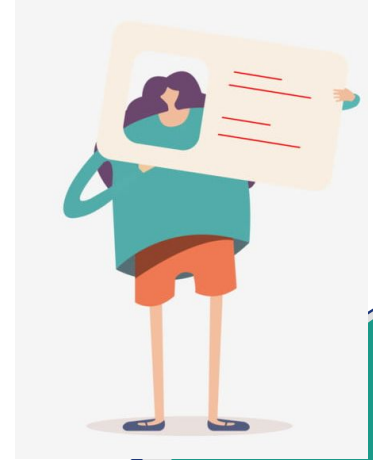
- One mic, one voice: use Raised Hand function under Reactions at the bottom of your screen
- Grace for ourselves and one another.
- Take care of yourself (Stretch, drink water and breathe)
- Community building on Zoom: use Chat and the Reaction emojis to inspire and encourage one another
- For any questions throughout the meeting: please use the Zoom Chat. CBE and BAAQMD staff will be responding to your questions.

# Community Building

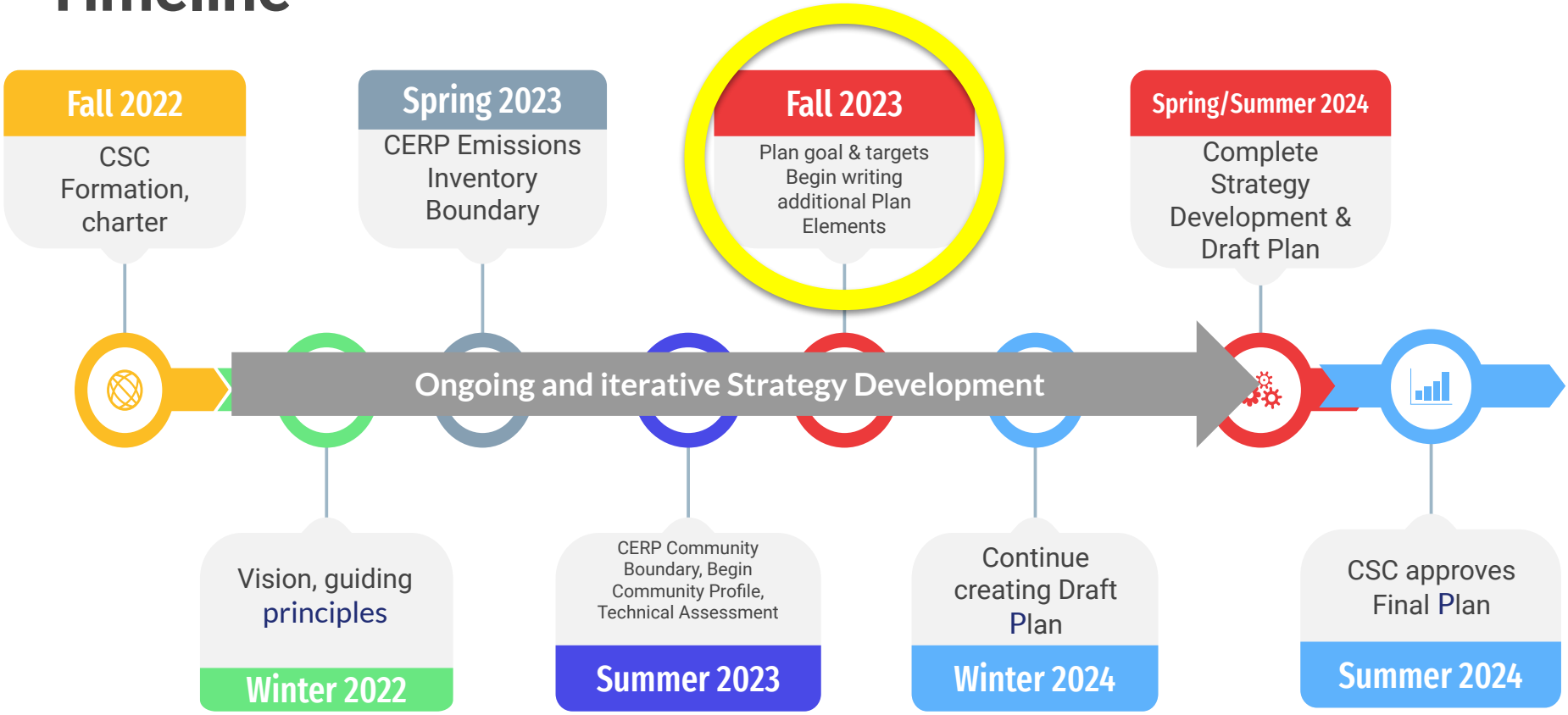
## Type into Chat:

- Name
- Pronouns
- Affiliated organizations

*Note: CSC members, please raise hand if you are not able to type into chat and we will have you speak aloud.*



# Timeline



# Goals Update

Alison Kirk, BAAQMD



# What We Learned At the Last CSC Meeting

## Part 2

<b>Questions (1-2)</b>	<b>Responses</b>
What information do we have now that can help us draft the CERP goals?	Health risks, emissions inventory, term definitions, need for urgency & action, important to put people first, people are busy but we need to “complain” to get action
What have you learned from your own experience setting goals?	Support for Smart Goals +1, important to communicate & create consensus +1, need more knowledge gathering, set short term objectives to reach goals

# What We Learned At the Last CSC Meeting

## Part 2

<b>Questions (3-4)</b>	<b>Responses</b>
What do you think is important when setting the CERP goals?	Goals must be realistic, achievable, actionable (+1 comments supporting SMART framework); important to work with business community, gather more information, we face multiple challenges (trash, air pollution, etc), we need funding
CSC Members - Are you interested in working on drafting goals this fall? (If yes, please include your name!)	Two yes, two maybes (depending on time commitment)

# Next Steps

- Need to gather more information before creating goals
  - Community Mapping Project results (Nov. CSC Mtg)
  - Compliance and Enforcement 3-year review results (Dec. CSC Mtg)
- Co-leads and Co-chairs will work with Goals volunteers later this fall or early winter '24



Questions?

# Small Group Breakout Rooms with BAAQMD Divisions

Engineering Division,  
Strategic Incentives Division (SID), and  
Technology and Implementation Office (TIO)

# Engineering - Overview of Air District Permitting

Simrun Dhoot, BAAQMD

# Presentation Outline

- Purpose of Permitting Program
- Legal Basis and Authority
- New Source Review Permitting Process
- Overview of Permitted Facilities in East Oakland
- Public Participation Information

# Permitting Program

## Purpose:

- Protect people and the environment from air pollution
- Attain and maintain the state and federal ambient air quality standards
- Make sure businesses follow air pollution rules



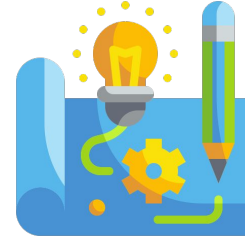
# How is our authority to evaluate projects established?



Federal and State Laws establish air quality standards and require Air District to have a permitting program



The Rules Division writes Regulations for the Agency to ensure Federal and State laws are met

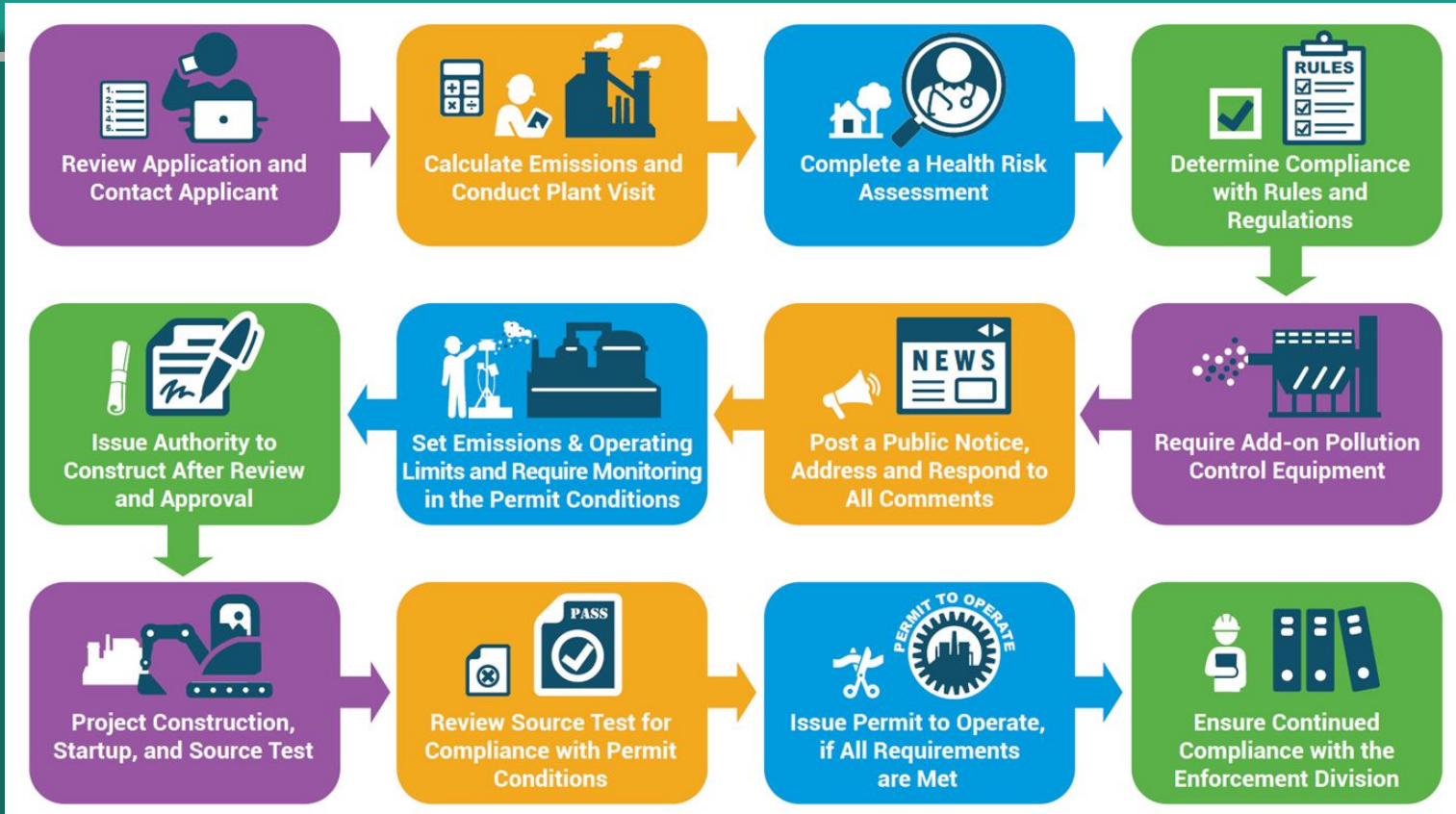


Engineering ensures that projects comply with the Regulations

# Permitting Program - New Source Review (NSR) in Regulation 2, Rule 2

- Applies to facilities that install new equipment, or make changes to existing equipment, that will increase their air pollution emissions.
- Requires a facility to demonstrate that they meet all federal, state and local requirements.
- **Program is not static**
  - Air Quality Standards more stringent
  - Constantly working to identify additional approaches/technology to reduce emissions.

# Permitting Step-by-Step Process



# Major Components of Review

**Best Available Control Technology (BACT)** - Required emission control strategies.

**Offsets** - If a project causes a significant increase in emissions of a pollutant, for which the Bay Area is not meeting standards, facilities must “offset” those emissions by reducing emissions from other sources.

**Air Toxics Health Risk Assessment (HRA)** - Study to assess the chance that people will get sick from exposure to air toxics, taking into account factors such as weather, distance, age, health, lifestyle, and time of exposure.

# Major Components of Review

**California Environmental Quality Act (CEQA)** - A law that requires state and local agencies to analyze the environmental impacts of proposed projects and take steps to reduce those impacts.

**Public Notice** - Opportunity for public to comment on projects before the Air District finalizes review.

- Within 1,000 feet of public school
- Overburdened Community



# Source Specific Command and Control Regulations

What is it? Regulations which set specific standards and enforcement mechanisms to ensure compliance.

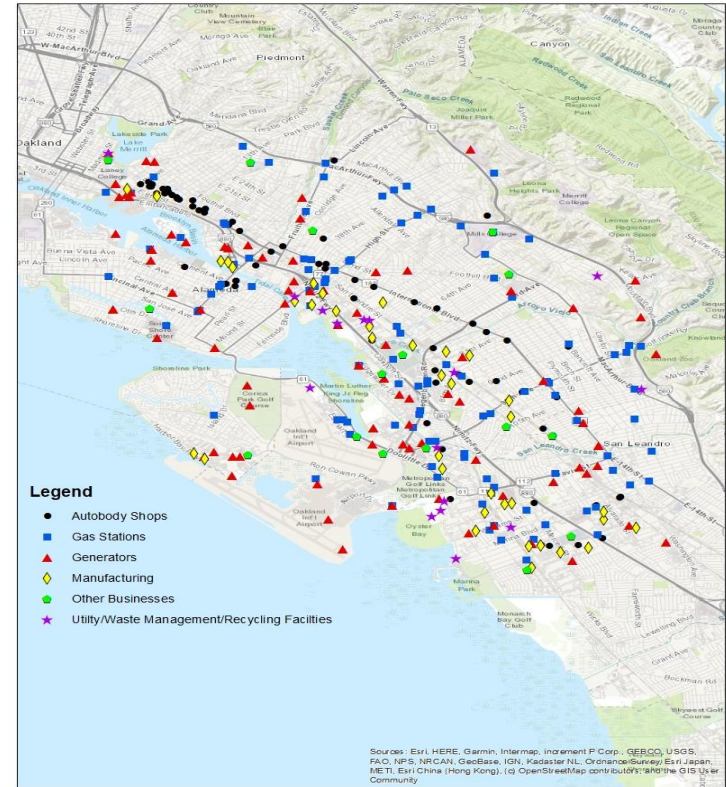
## Example: Regulation 6 - Particulate Matter

- Rule 1 sets limits on emission rates, concentrations, and visible emissions
- Rule 4 requires development of Emissions Minimization Plans to minimize fugitive emissions from metal recycling facilities.
- Rule 6 limits PM emissions from trucks leaving large facilities

Enforced through inspections, monitoring, and reporting requirements.

# Map of Permitted Facility Locations

- Nearly 400 permitted facilities in East Oakland
- The Air District issues permits to these facilities and tracks compliance with permit requirements
- Common permitted source types include gas stations, auto body shops, and backup diesel generators



# Public Notice and Comment

**Public Notice Webpage:** [baaqmd.gov/permits/public-notice](https://baaqmd.gov/permits/public-notice)

- Stay informed about proposed projects in your area by signing up for email notifications on the Air District's public notice webpage.

**Permit Ombudsman:** [PermitOmbudsman@baaqmd.gov](mailto:PermitOmbudsman@baaqmd.gov)

- For any comments or questions about a proposed project, you can contact Engineering directly.

**California Public Records Act Request:** [baaqmd.gov/contact-us/request-public-records](https://baaqmd.gov/contact-us/request-public-records)

- You have the right to review any public records held by the Air District.





Questions?

# Overview of Strategic Incentives Division (SID), and Technology and Implementation Office (TIO)

Alona Davis, BAAQMD  
Tin Le, BAAQMD

# Incentives Introduction

Incentives are:

- Voluntary
- Above and beyond regulations and rules
- Intended to clean up sources of air pollution, inspire new clean technology, and encourage adoption of new technology like zero-emission

Considerations:

- Funding comes from a variety of funding sources
- Specific guidelines and restrictions for each program
- New programs take time and effort to create

# Incentives for Residents



## Clean Cars for All

**Up to \$9,500 to scrap an old car and replace it with:**

- New or used cleaner vehicle
  - Conventional hybrid
  - Plug-in hybrid
  - Electric vehicle
  - Fuel-cell electric vehicle
- Mobility Option
  - Public transit card
  - Electric bicycle



## Vehicle Buy Back

**Payments to retire older working cars:**

- \$1200 to retire 1998 and older cars
- Removes higher polluting cars from the road
- No requirement to replace with another vehicle



## Woodsmoke Reduction (coming soon)

**Grants to replace wood burning stoves or inserts with electric heat pumps**

- Opening by end of year 2023
- CERP communities prioritized
- Extra funding for low-income residents

# Incentives for Businesses and Public Agencies



## Charge!

**Grants to install publicly accessible electric vehicle charging stations at:**

- Workplaces
- Transit parking locations
- Transportation corridors
- Multi-family housing



## Clean Air Centers

**Grant for Counties to deploy publicly accessible clean air centers during wildfire or other smoke events.**

Funding supports:

- Facility ventilation upgrades
- Portable air cleaners
- Air filter replacements



## Climate Tech Finance

**Loan guarantees for entrepreneurs developing technologies that reduce greenhouse gases.**

Examples of technology sectors:

- Mobility
- Energy
- Circular economy



## Bikeways (under development)

**Grants for bikeway construction/installation projects**

- Reduces motor vehicle emissions or traffic congestion
- Program being considered for 2024 or 2025

# Incentives for Businesses and Public Agencies

## Diesel Equipment Replacement Program



### Trucks / Buses

- School buses
- Transit buses
- Heavy duty trucks



### Freight / Marine

- Cargo handling equipment
- Locomotives
- Ferries/tugboats
- Fishing vessels



### Off-road equipment

- Construction equipment
- Industrial equipment
- Transportation Refrigeration Units (TRUs)



### Infrastructure

Support for clean fleets and equipment:

- Electric charging stations
- Hydrogen fueling stations

# Funding for Projects in Communities

Community Air Protection (CAP) Incentive funds:

- Complements CAP Implementation funds
- Prioritize funding projects that achieve emissions and exposure reductions in AB 617 communities

Other Local, State, and Federal funds - administered by Air District

Other State and Federal Programs - non-Air District



Questions?



# East Oakland Community Mapping Project

Aneesh Rana, BAAQMD

# Data Update

## Category Totals



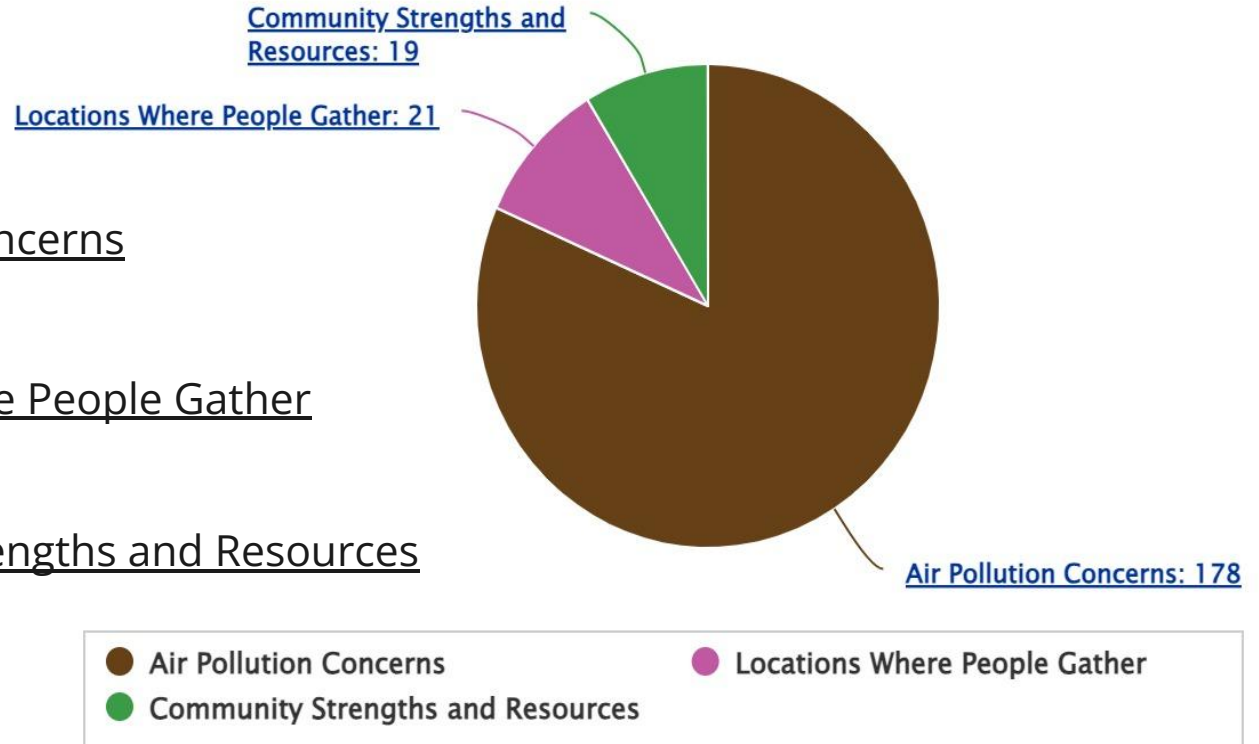
Air Pollution Concerns



Locations Where People Gather



Community Strengths and Resources



# Share Your Knowledge

- The Community Map will be active through October 20, 2023
- Up to two additional hours of stipends are available for Steering Committee members to add “pins” and information to the Community Map
- Complete and return Payment Request Form to Just Cities
  - Email - [mausam@justcities.work](mailto:mausam@justcities.work)
  - Mail - Just Cities, Attention: Mausam Jamwal, 2150 Allston Way, Suite 340, Berkeley, CA 94704
- Map: <https://rspcerp.mysocialpinpoint.com/east-oak/community-map#/>



Questions?

# East Oakland Environmental Justice Announcements and Updates

Co-Chairs: Aiyahna Johnson, Charles Reed, Mykela Patton

# Feedback on Meeting & Next Steps

Fill out the post-meeting survey:

- English: <https://forms.gle/B2SYLBNg6aUorF5u6>
- Spanish: <https://forms.gle/Du8m9thM85jyCy7p7>

Fill out the In-person/ Hybrid Meeting Accessibility Poll

- English: <https://forms.gle/3q6EVTVMXkxA62R8>
- Spanish: <https://forms.gle/2VFfpxino9XzfZeU9>

Next Meeting will be held **Thursday, November 9th, 2023**

**Thank You!**

See You Soon!