

RICHMOND - SAN PABLO
COMMUNITY

PATH TO

CLEAN AIR

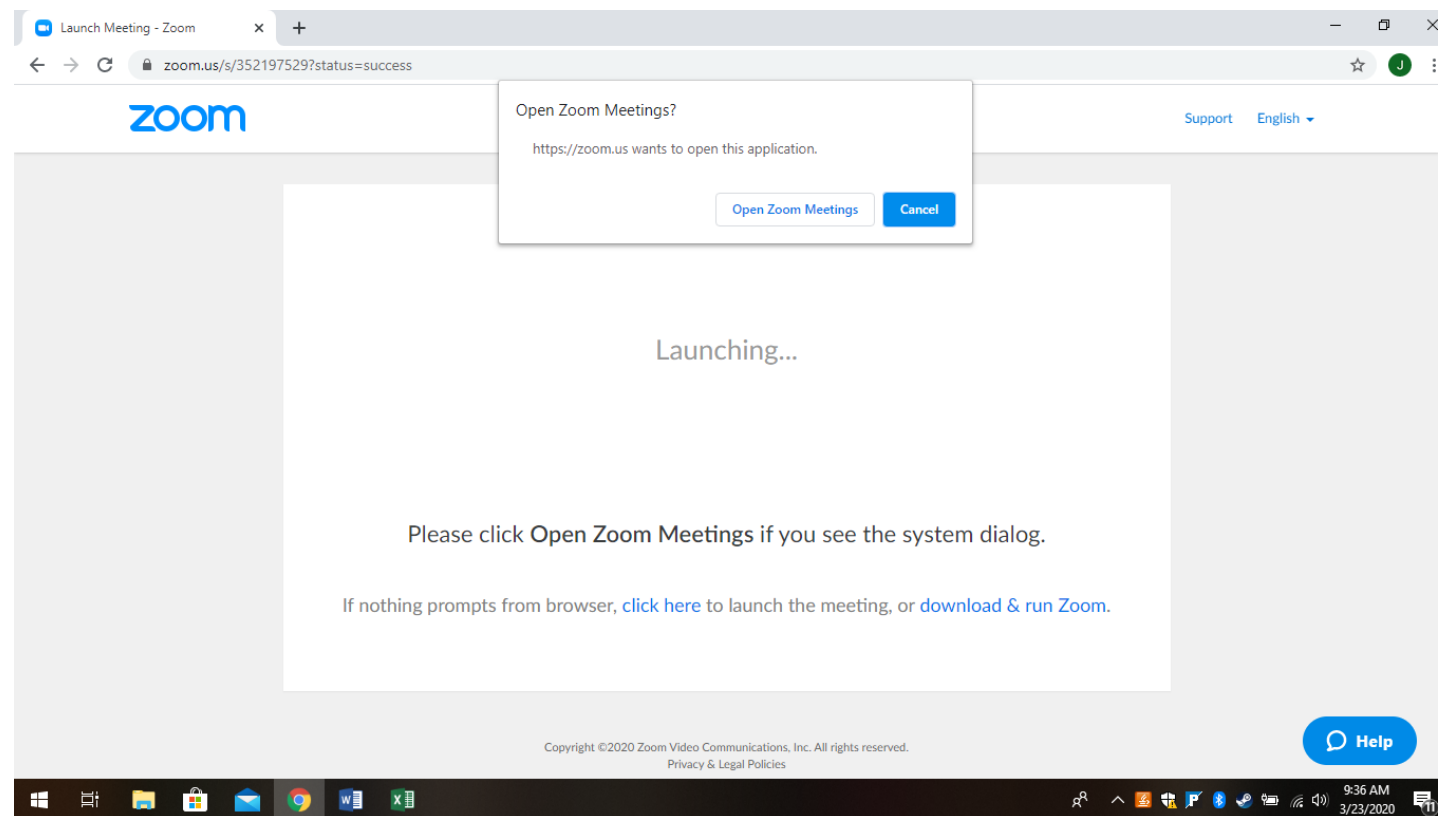
**Richmond – San Pablo Community Air Monitoring Plan
Steering Committee Meeting #14**

June 2020

Participating in Online Meetings Using Zoom

Key Functions

- Toolbar
- Mute/Unmute
- Start/Stop Video
- Chat
- Raise Hand



Virtual Participation Principles

- **One** person speaks at a time and for **under a minute**
- Technology happens – please be **flexible and patient**.
- Be **respectful** of one another's opinions.
- Please **mute** yourself when you're not speaking.
- **Share video** so we can stay visually connected.
- Use the **chat** feature to ensure we get your input in your exact words.
- Remember this is just one meeting in a longer **process**.



Welcome and Roll Call

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Agenda Review



Meeting Agenda

- I. Welcome and Roll Call
- II. Agenda Review
- III. Process Update and Timeline
- IV. Recap and Questions from April Steering Committee Meeting
- V. Path Forward for Monitoring Implementation
- VI. Report-out from May 22 TAG Meeting
- VII. Public Comment
- VIII. Announcements and Next Steps



Process Update and Timeline

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Path to Clean Air: Process Update

Since April 2019

June 2020

July 2020

**August 2020 and
beyond**

Monitoring Plan Steering Committee

Path to Clean Air: Process Update

Since April 2019

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

- ✓ Identified and prioritized air quality concerns
- ✓ June 2019: Selected initial air monitoring projects
- ✓ December 2019: Draft air monitoring plan
- ✓ February 2020: Selected air toxics monitoring project
- ✓ Ongoing community engagement efforts

Path to Clean Air: Process Update

Since April 2019

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

- Recap April SC meeting
- Discuss path forward for implementing the monitoring plan
- Report-out from TAG meeting

Path to Clean Air: Process Update

Since April 2019

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

- **July 13:** Monitoring Plan sent to Steering Committee for review
- **July 29:** Final Monitoring Plan Steering Committee Meeting
 - Discuss monitoring plan
 - Set path for implementing monitoring plan
 - Steering Committee member reflections

Path to Clean Air: Process Update

Since April 2019

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

Regular updates on monitoring projects

Posts on the Air District website and on Open Air Forum

Emails to members of the Monitoring Plan Steering Committee

Quarterly presentations at CERP Steering Committee meetings

Recap and Questions from April Steering Committee Meeting



Recap from April SC Meeting

- The April SC meeting was held over Open Air Forum:
 - Process timeline and path forward
 - Updates from Aclima and Groundwork Richmond
 - Air District's air toxics monitoring project
- Steering Committee provided questions and comments
- Mixed reviews on the Open Air Forum format

Key Questions from April SC Meeting

- Process and path forward
 - What is the Monitoring Implementation Team?
 - What is happening with the CERP process?
- Impact on air monitoring due to shelter-in-place
- Air toxics monitoring project



Process and Path Forward

Monitoring Implementation Team

- This team was proposed to preserve community partnerships while we implement the Monitoring Plan

Community Emissions Reduction Plan (CERP)

- A Community Design Team is meeting regularly to plan the CERP process, including a Steering Committee

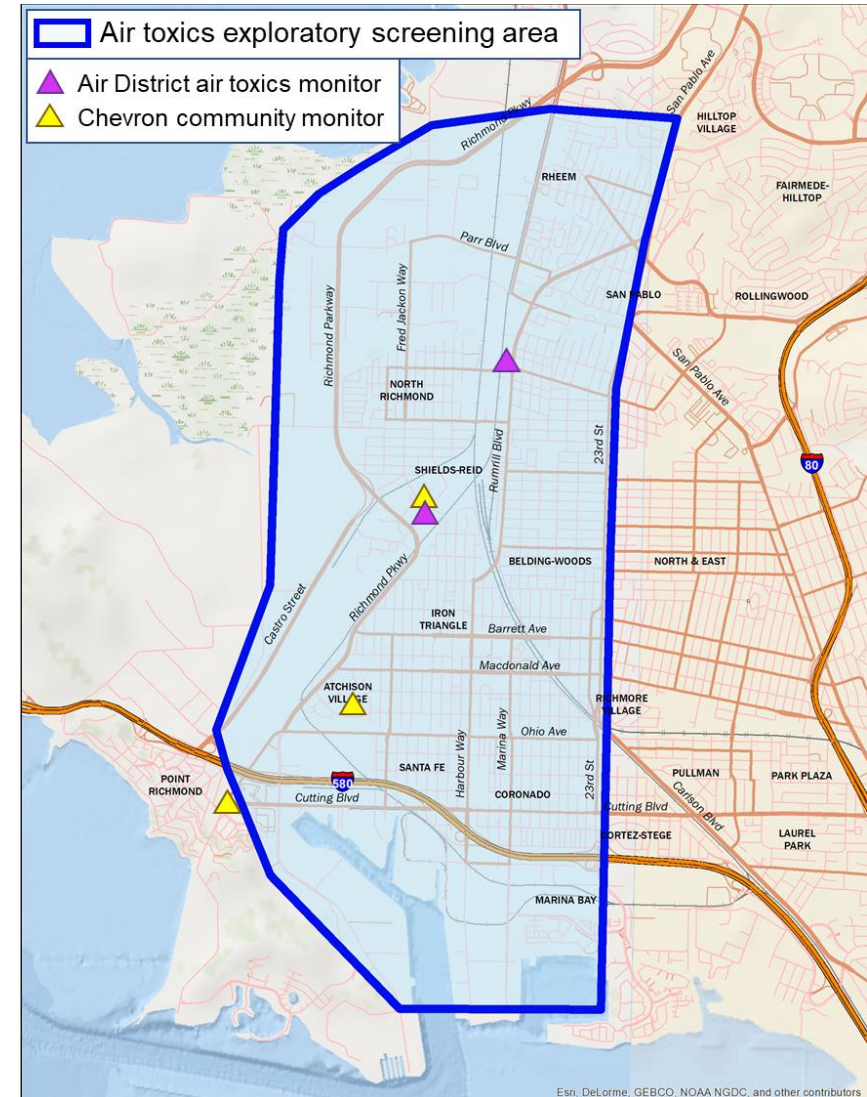


Air Monitoring and Shelter-In-Place

- The Air District continued to operate its regulatory monitoring network during the shelter-in-place with almost no data interruption
- Impact of changing emissions patterns on air monitoring data is being investigated and is very complex
- Air toxics monitoring using the Air District's air monitoring van will begin when health conditions allow

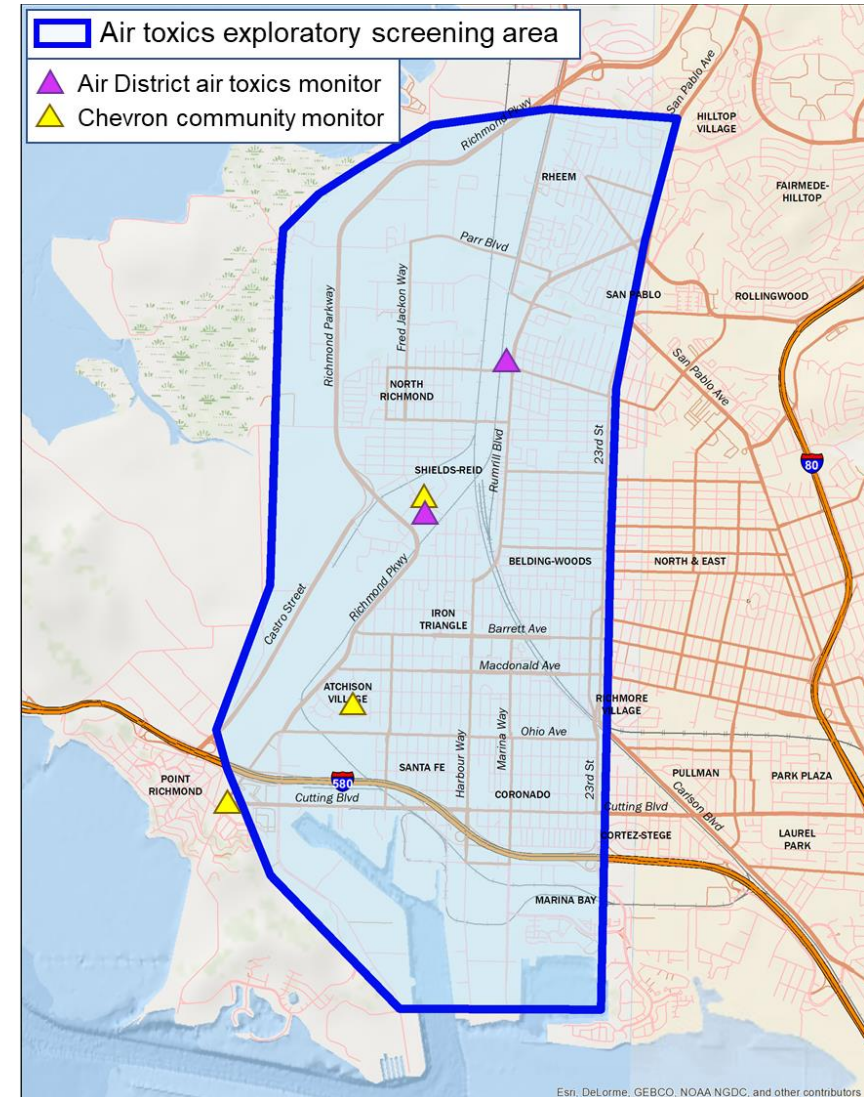
Air Toxics monitoring project

- The screening area was drawn to include sources of air toxics **and** many of the air quality concerns identified by the Steering Committee
- We can look for persistent issues near sources or in nearby neighborhoods that are not captured by existing monitoring



Air Toxics monitoring project

- Project focus is on volatile organic compounds (VOCs), a group of hundreds of chemical compounds that have many sources
- We will measure common VOCs, like benzene, toluene, ethylene, and xylene (BTEX) across the screening area, and also target certain specific VOCs relevant to nearby sources



Path Forward for Monitoring Implementation

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Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

- Recap April SC meeting
- Discuss path forward for implementing the monitoring plan
- Report-out from TAG meeting

- **July 13:** Community Air Monitoring Plan ready for review
- **July 29:** Final Monitoring Plan Steering Committee Meeting
 - Discuss monitoring plan
 - Set path forward for monitoring implementation

Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

- Recap April SC meeting
- Discuss path forward for implementing the monitoring plan
- Report-out from TAG meeting

- **July 13:** Community Air Monitoring Plan ready for review
- **July 29:** Final Monitoring Plan Steering Committee Meeting
 - Discuss monitoring plan
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Regular updates on monitoring projects

Posts on the Air District website and on Open Air Forum

Emails to members of the Monitoring Plan Steering Committee

Quarterly presentations at CERP Steering Committee meetings

Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

Monitoring Plan Co-Lead Team

Regular updates on
monitoring projects

Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

Monitoring Plan Co-Lead Team

- Meeting weekly since spring 2019
- Developing agendas, topics, and materials for Steering Committee meetings
- Ongoing community engagement and outreach efforts
- Ensuring the process is community-led
- Developing path forward for monitoring implementation

Regular updates on monitoring projects

Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

Monitoring Plan Co-Lead Team

- Meeting weekly since spring 2019
- Developing agendas, topics, and materials for Steering Committee meetings
- Ongoing **community engagement and outreach** efforts
- Ensuring the process is **community-led**
- **Developing path forward for monitoring implementation**

Regular updates on monitoring projects

How do we carry community partnerships in air monitoring forward?

Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

Monitoring Plan Co-Lead Team

- **Preserve community partnerships** in air monitoring
- Help review, shape, and present updates on air monitoring projects

Regular updates on monitoring projects

How do we carry community partnerships in air monitoring forward?

Monitoring Implementation Team

Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

Monitoring Plan Co-Lead Team

Regular updates on monitoring projects

Monitoring Implementation Team

Technical Advisory Group

- Group of independent experts providing advice on technical aspects relating to monitoring
- First meeting was in May 2020

Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

Monitoring Plan Co-Lead Team

Regular updates on monitoring projects

Monitoring Implementation Team

Technical Advisory Group

Community Emissions Reduction Plan

Monitoring Plan Implementation

June 2020

July 2020

August 2020 and beyond

Monitoring Plan Steering Committee

Monitoring Plan Co-Lead Team

Regular updates on monitoring projects

Monitoring Implementation Team

- A Community Design Team is co-developing the CERP process, timeline, and Steering Committee
- Purpose of this process is an actionable CERP
- Focus of the CERP process is not on implementing the monitoring plan

Community Emissions Reduction Plan

Monitoring Implementation Team

- We introduced the idea of a Monitoring Implementation Team at the April Steering Committee meeting
- The Steering Committee indicated that more clarity is needed on the purpose behind this team
- The Co-Lead Team has prepared a recommendation for path forward on monitoring plan implementation

Monitoring Implementation Team

Continuing Community Partnerships

- Monitoring follow-up efforts, such as project updates and outreach, will need and benefit from continued community involvement
- We want to preserve the experience that was built while developing the Monitoring Plan
- While there will be a new process for developing a Community Emissions Reduction Plan, its focus is not implementing the air monitoring plan



Monitoring Implementation Team

Roles and Responsibilities

- Provide partnership needed for community-led monitoring plan implementation
 - **Review and shape** updates on monitoring projects
 - **Present** updates as desired at meetings, community summits, etc.
 - **Engage** with the community about monitoring projects
- Meet monthly and communicate regularly by email

Monitoring Implementation Team

The Co-Lead Team recommends that the Monitoring Implementation Team:

- Is made up of members from the current Monitoring Plan Steering Committee who **represent community** (same criteria used for selecting the Co-Lead Team)
- Has 5 to 7 persons total, preferably an odd number

Discussion Questions

- What thoughts, questions, or suggestions do you have on this overall approach for a monitoring implementation team?
- Are the membership criteria appropriate?
- Is 5-7 persons the right size for this team?



At our July meeting, we will select members for the Monitoring Implementation Team

- We will send out a survey to evaluate interest in this team. Please complete it by **July 15**.
- If interested, prepare to speak briefly at our July meeting as to why you want to join
- Reach out to the Co-Lead Team or to Dan Alrick (dalrick@baaqmd.gov) with any questions!



Technical Advisory Group (TAG)

- The TAG can continue to meet to review and comment on monitoring plan project information and the updates you will be receiving
- The **TAG Design Team** will prepare meeting agendas for the TAG from questions or requests from Monitoring Plan Steering Committee members
- Send your specific information requests or questions for the TAG to the

TAG Liaisons:

Oscar Garcia

Matt Holmes

Julia Walsh

Before Each TAG Meeting

Monitoring Plan Steering Committee members

Send specific information requests or questions for the TAG to the TAG Liaisons

- TAG Design Team**
- Helped build the TAG
 - Designs TAG meeting agendas
 - Produces report-out from TAG meetings

- TAG Liaisons**
- Meeting scheduling and logistics for TAG and TAG Design Team
 - Points of contact:
 - Oscar Garcia
 - Matt Holmes
 - Julia Walsh

TAG meeting agenda

Technical Advisory Group (TAG)
Meet quarterly to consider information and updates on monitoring projects

After Each TAG Meeting

**Monitoring Plan
Steering
Committee
members**

Report out from
TAG meeting

TAG Design Team

- Helped build the TAG
- Designs TAG meeting agendas
- Produces report-out from TAG meetings

TAG Liaisons

- Meeting scheduling and logistics for TAG and TAG Design Team
- Points of contact:
 - Oscar Garcia
 - Matt Holmes
 - Julia Walsh

Notes from
TAG meeting

Technical Advisory Group (TAG)

Meet quarterly to consider information and updates on monitoring projects

Technical Advisory Group (TAG)

- TAG meetings will be quarterly and are open to Monitoring Plan Steering Committee members and public
- TAG meetings will be announced by the TAG liaisons
- The TAG Design Team will prepare report-outs after each TAG meeting that can be included alongside updates on monitoring projects
- The CERP process may eventually choose whether it wants a TAG

Report-out from May 22 TAG Meeting

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Details:

- The meeting was held over Zoom on Friday, May 22nd, 3-5 pm
- The meeting was recorded and a link can be provided
- Attendees:

TAG members:

1. Fern Uennatornwarangoon, Environmental Defence Fund
2. Todd Tamura, Tamura Environmental Inc.
3. Andreas Soto, Communities for Better Environment
4. Paul Cort, Earth Justice
5. Paul English, Center for Healthy Communities
6. Chelsea Preble, Lawrence Berkeley National Lab

In addition, approx. + 20 attendees (our AB 617, Sacramento AB 617, AD, CARB, Supervisor Gioia, other monitoring project representatives).

Agenda:

- 3-3:15 Introduction and updates
- 3:15-3:25 Current and future projects
- 3:25-3:35 Air Toxics Monitoring Program
- 3:35-4:30 Open discussion (TAG members)
- 4:30-4:45 Open discussion (Steering Committee and community members)
- 4:45-5:00 Next steps for TAG

Main points raised during the discussion:

- There is a need to better define the project's goal and design the monitoring efforts accordingly. This will ensure: (a) 'catching' the pollutants we are interested in, and (b) providing data that will serve our needs.
- The TAG needs more information about the Air Toxics project in order to provide concrete feedback.
- The TAG needs more information about other monitoring projects in the study region.
- It is important to integrate data from all the relevant monitoring projects for the benefit of the community.

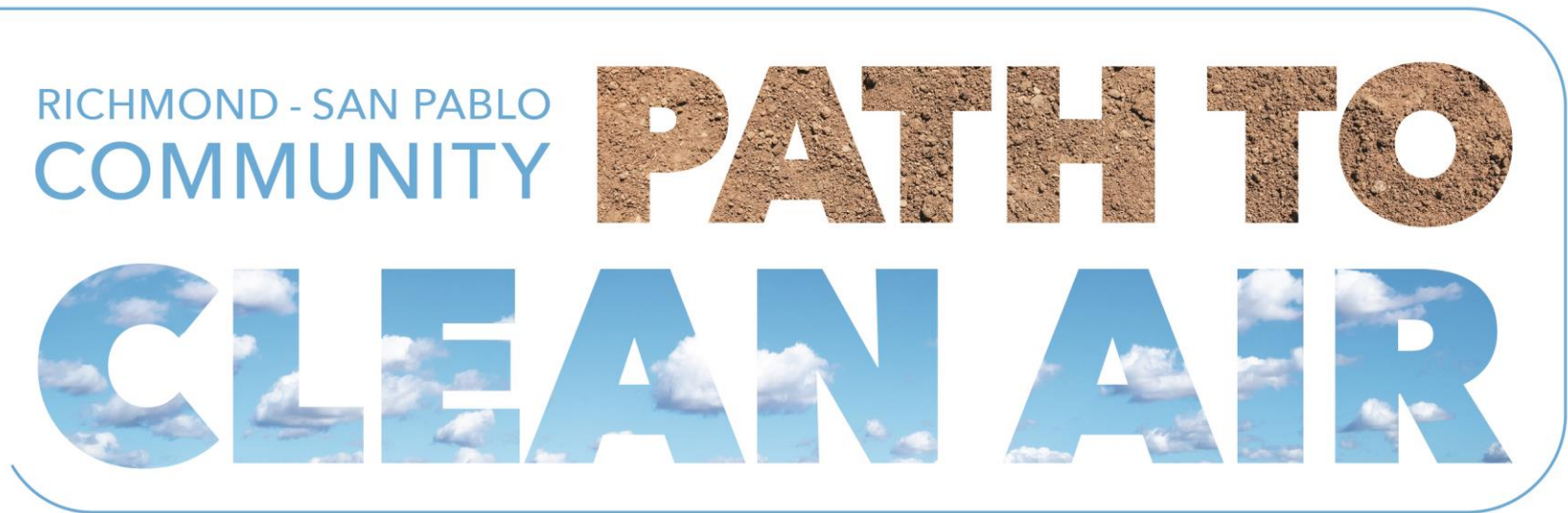
Main points raised during the discussion:

- The community should be more involved in the monitoring effort. Currently, the monitoring activity is limited to the Air District.
- Even though the other monitoring projects in the research area focus on $PM_{2.5}$, the Air Toxics project should also measure, analyze, and give attention to $PM_{2.5}$ due to its dominance on community health.
- The Air Toxics project needs to be collaborative with other monitoring project in the area, which use low cost sensors, by providing a calibration anchor. This will improve their data quality to the overall benefit of the community.

Public Comment

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Announcements and Next Steps



Announcements

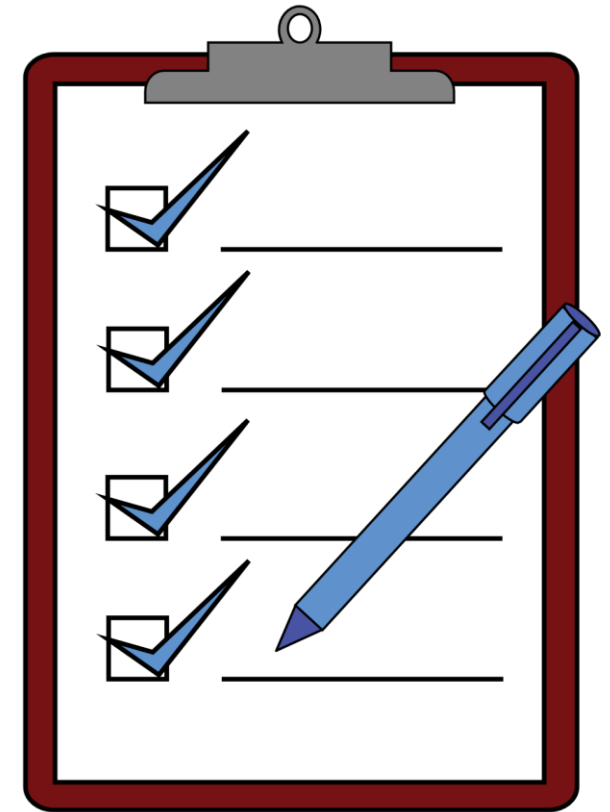
- PG&E Grant
 - \$5000 received from PG&E (less 10%)
 - No expiration date
 - Co-Lead Team recommends using this funding for community groups to help with monitoring plan outreach (create newsletters, ad space on social media, translation)

Announcements

- AB 617 Funding
- Press Release
- Design for Air Monitoring Van

Next Steps

- Final draft of the monitoring plan available **July 13**
- Complete survey about monitoring implementation team by **July 15**
- Final Monitoring Plan Steering Committee meeting is on **Wednesday, July 29 from 6 to 8 p.m.**
 - Select members for the Monitoring Implementation Team
 - Discuss final draft of the monitoring plan
 - Share reflections on the monitoring plan process



Social Media: Stay Connected!

- <https://www.facebook.com/bayareaairdistrict/>
- <https://twitter.com/AirDistrict>
- <https://www.instagram.com/bayareaairdistrict/>
- <https://www.linkedin.com/company/34402/admin/>
- https://www.youtube.com/channel/UCqDZvQey_NudwMVWRBN-H6w?view_as=subscriber



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**Richmond – San Pablo Community Air Monitoring Plan
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