

Richmond - San Pablo Community Air Monitoring Plan Steering Committee Meeting#11

January 22, 2020

Today's Agenda

- I. Welcome, Introductions and Roll Call
- II. Agenda Review
- III. Process Updates
- IV. Draft Monitoring Plan
- V. Options for Additional Monitoring Projects
- VI. Public Comments
- VII. Next Steps

Steering Committee Operating Principles

- Transparency
- Equal Participation
- Inclusivity
- Respectful Engagement
- Facilitated Meetings
- Decision Making



Participation Guidelines

- Participants will have up to 1 minute to ask their questions and/or state their comment
 - Please be succinct and avoid asking more than one question at a time
 - Indicate to whom your question is directed
- Step up, step back
- For public comment, participants are only invited to ask questions or make comments related to the Richmond-San Pablo Monitoring plan
 - Participants will have up to 1 minute to ask their questions and/ or state their comment

Process Overview

Richmond - San Pablo Area Community Air Monitoring Plan

PROCESS SCHEDULE **DECEMBER 9, 2019**

PHASE 1: IDENTIFY COMMUNITY-SPECIFIC AIR QUALITY CONCERNS PHASE 2: PRIORITIZE FOCUS AREAS AND PHASE 3: FINALIZE AND IMPLEMENT MONITORING PLAN DRAFT PLAN Community Steering Summit #1 Community Committee Summit #2 (SC) Member Selection Mtg #11: Mtg #1: Mtg #2: Mtg #13: Mtg #3: Mtg #4: Mtg #5: Mtg #6: Mtg #7: Mtg #8: Mtg #9: Mtg #10: Mtg #12: Feb TBD Apr 11 May 15 June 19 Jul 10 Aug 14 Sep 11 Oct 9 Jan 22 March TBD Apr 3 Nov 13 Dec 11 • CERP wrap-up • SC SC process • Plan Discussion Complete • Introduce draft Draft Refine/complete Co-Leads Monitoring Recap Community Update Orientation development of Emissions in-depth Selection review Plan template and vote Summit #2 results Monitoring Plan Monitoring from initial selection of Capacity Mapping process review Reduction • In-depth discussion of Learn about Discuss other Plan Q&A In-depth additional monitoring Plan building activity to Review of discussion of focus areas community discussion of monitoring Discuss efforts monitoring identify focus focus areas focus areas Introduce objectives and an Mapping focus areas engagement and select projects Aclima activity on areas / sources Initial plan for example project activities additional Develop TAG public portal monitoring Community Prioritize actions • Update on initial focus areas / monitoring membership and discussion efforts Summit #2 monitoring efforts sources and uses for projects procedures Discuss other monitoring data Discuss additional Update on monitoring community Introduce and technical engagement discuss formation projects assessment work activities of a Technical Vote on TAG for CERP Advisory Group (TAG) ... Co-Lead Team Weekly Orientation Co-Lead Team Meetings Website and SC and Co-Lead Social Media Team Meeting Updates Summaries PROJECT DELIVERABLES Initial Monitoring Initial Draft Steering Committee Plan Template and Community Focus Areas Draft Final Plan Quarterly Efforts for Screening Entire Early Development Summit Charter and Financial and Sources Monitoring Summary Disclosure Agreements of Concern Data Reports Area (Ongoing) 2020 2019 **FEBRUARY** MARCH APRIL MAY AUGUST **DECEMBER JANUARY** MARCH JUNE JULY **SEPTEMBER OCTOBER** NOVEMBER **FEBRUARY**

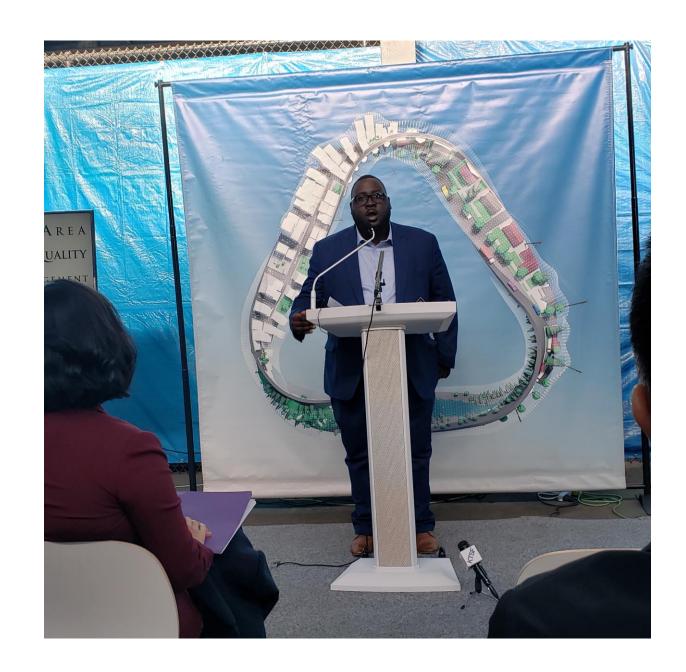
Recap of December Steering Committee Meeting

- Received updates on initial monitoring efforts
- Introduced three additional monitoring project options
- Discussion and vote on **Technical** Advisory Group



Recap of Co-Lead Team Progress: December - January

- Assisted with January 14th's press conference
 highlighting Aclima's initial monitoring efforts
 in the Bay Area
- Planned January 22nd Steering Committee
 meeting
 - Activities, materials, speakers and presentations
- Continued design of communications strategy
 and developed draft press release content
- Convened and facilitated TAG Design Team
- Coordinated the development of the Pre-Selection
 CERP work group



Pre-Selection Community Emissions Reduction Plan Work Group

- Twenty (20) volunteers to date
- Uses Steering Committee
 membership criteria:
 - Fifty-one percent (51%) or more will be community representatives
 - Only one member from each organization
- Monthly meetings will kickoff in February 2020



Initial Monitoring Efforts

Aclima

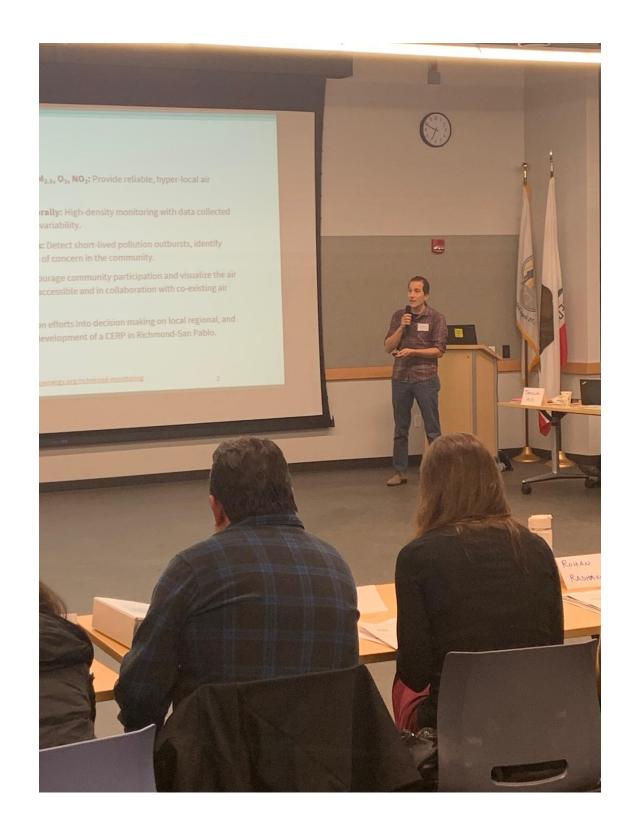
- Collected data from 7/1/19 to 10/31/19
- Currently verifying data

Groundwork Richmond

- Currently collecting data
- Access data in real-time at app.ramboll-shair.com

PSE Healthy Energy

- 26 monitors scheduled for deployment in January 2020
- Currently collecting data
- Access project website at psehealthyenergy.org/richmond-monitoring



Draft Monitoring Plan

Draft Air Monitoring Plan

- A draft community air monitoring plan was made available for the Steering Committee to review
- The Plan **summarizes** our work accomplishments so far
- The Plan will be updated as we continue our efforts



AB 617 Richmond-San Pablo Community Air Monitoring Plan

Draft Air Monitoring Plan Highlights

- Why we need air monitoring in Richmond-San Pablo
- Forming a Steering Committee
- Sharing and prioritizing air quality concerns
- Selecting initial air monitoring projects



AB 617 Richmond-San Pablo Community Air Monitoring Plan

Options for Additional Monitoring Projects

Additional Monitoring Projects

- We mapped and prioritized air quality concerns across Richmond-San Pablo
- Initial monitoring projects can inform some of those concerns
- Additional monitoring projects may inform other high-priority concerns

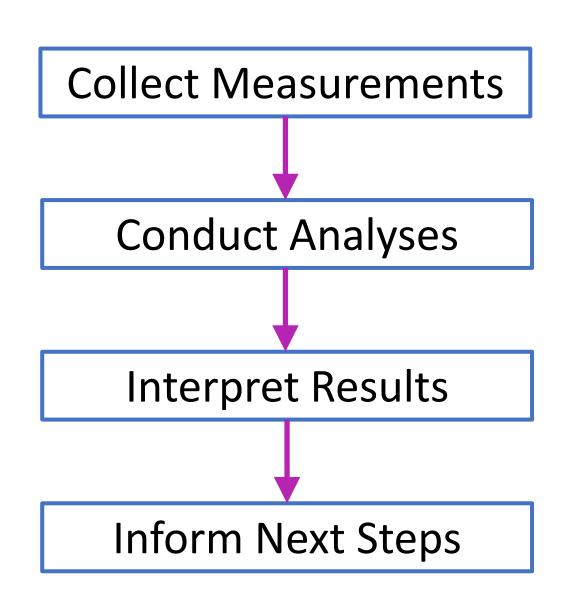


Additional Monitoring Projects

- We are considering three options for additional monitoring projects:
 - PM_{2.5} hotspots from traffic
 - PM impact from coal transport and operations
 - Air toxics hotspots
- We need to prioritize which project to begin with

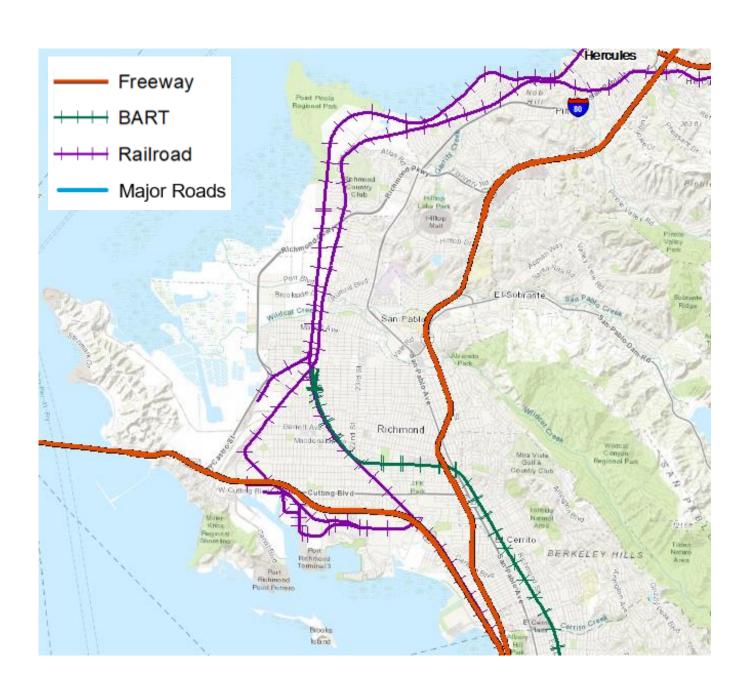
Pathway for Additional Monitoring

- Phased approach
- Screening data may answer the monitoring question, or
- Additional measurements may be needed to investigate further



Option 1: PM_{2.5} hotspots from traffic

- Analyze data from initial screening
 projects to identify areas/times with
 higher than average PM_{2.5} near roadways
- Determine if **impacts** are near schools, childcare centers or senior centers,
- Other objectives could include:
 - Data could also indicate persistent elevated
 PM_{2.5} near **other sources** of concern,
 - Stationary sensor networks can provide realtime air quality information

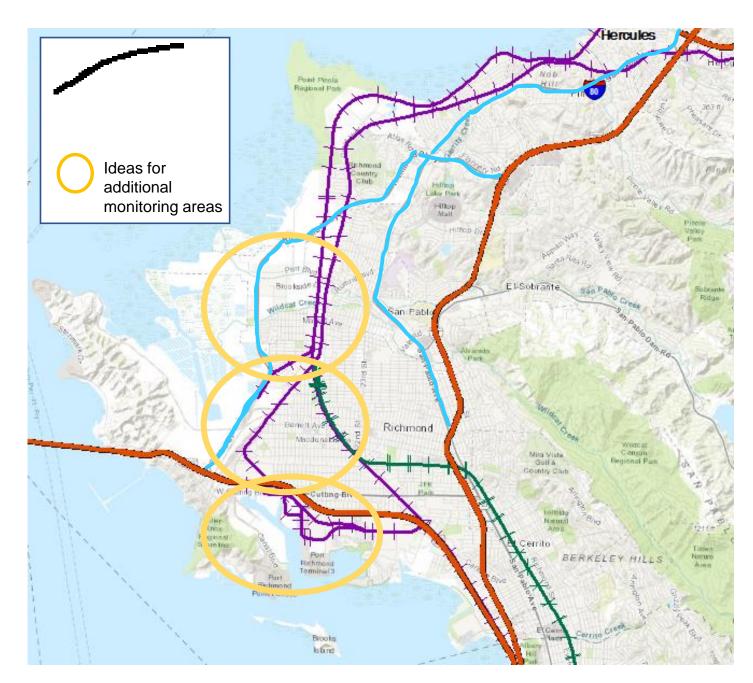


Option 2: Evaluate the PM impact from coal transport and operations

- Air District van measurements could include
 - Amount of PM (mass, number)
 - Physical properties of PM (sizes)
 - Chemical characteristics of PM (black carbon)
 - Meteorology
- Results inform the need and location(s) for short term stationary measurements

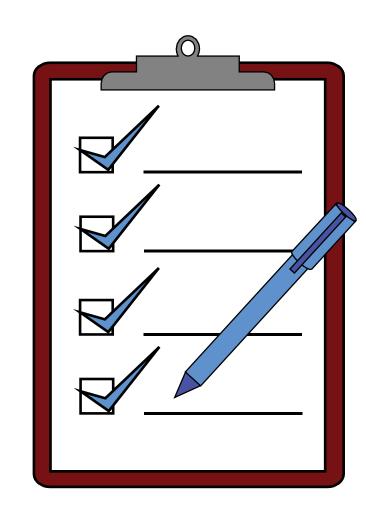
Option 3: Identify air toxics hotspots

- Steering committee defines air toxics
 study area using updated emissions
- Use **Air District van** to measure toxic gases in the air
- Analyze data to locate hotspots and evaluate potential sources
- Results may require additional mobile or short-term stationary measurements
- May be able to cover more than one area depending on results



Additional Monitoring Projects

- Questions to consider for each option:
 - How urgent is this project?
 - Will this project provide data to inform important air quality concerns?
 - Do you understand this project? What additional information do you need?
- We will decide which option to start with at our next meeting on February 19



Group Discussion

Public Comment

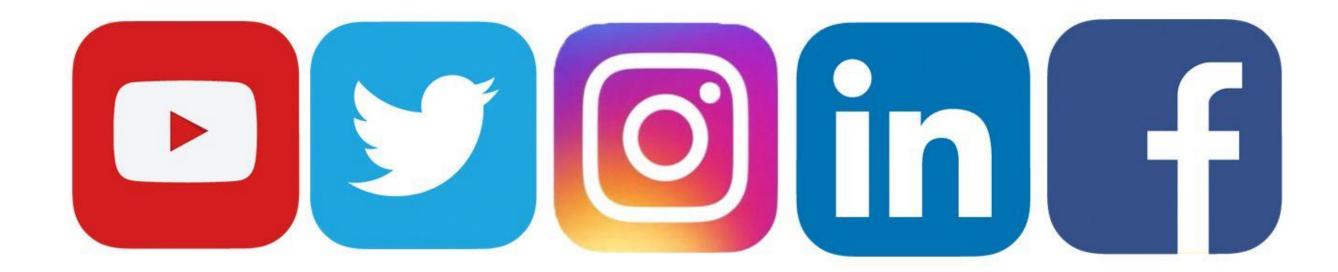
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Next Steps

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



Next Steps

- Next Steering Committee meeting to refine and complete the selection of additional monitoring projects:
 - February 19, 6:00 8:00 pm
 - Richmond Memorial Auditorium Bermuda Room
- **RSVP:** https://forms.gle/QnqqHnw1kyzpDEfb7

Steering Committee Meeting Schedule

- February 19, 6:00 8:00 pm
- March 25, 6:00 8:00 pm
- Future meeting times and locations to be determined

Child Watch Available

To view Steering Committee

agendas, minutes and PowerPoint

presentations online, visit:

http://bit.ly/Richmond-SanPablo-

CommunityHealth



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