



**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

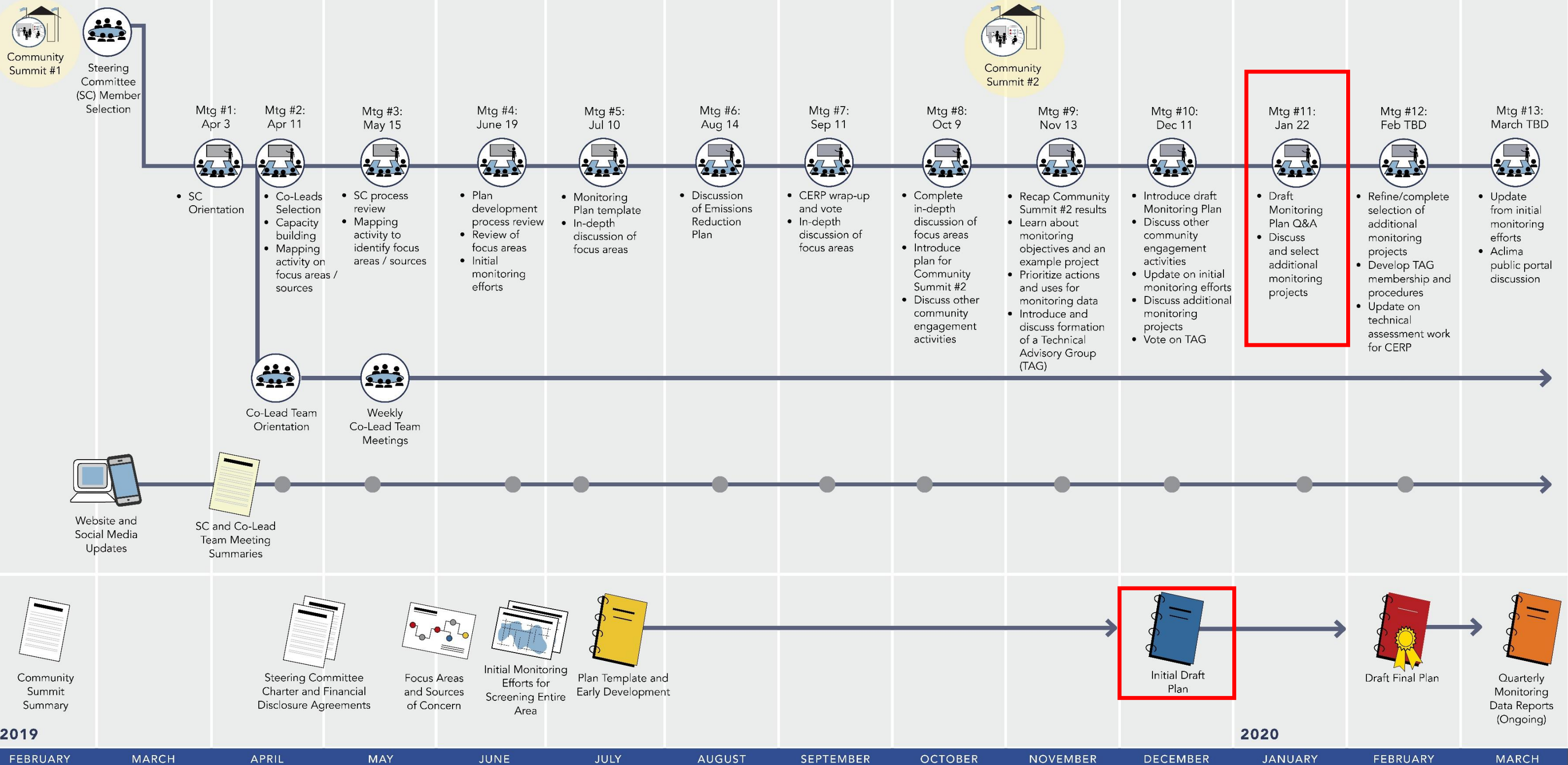
PHASE 1: IDENTIFY COMMUNITY-SPECIFIC AIR QUALITY CONCERNS

PHASE 2: PRIORITIZE FOCUS AREAS AND DRAFT PLAN

PHASE 3: FINALIZE AND IMPLEMENT MONITORING PLAN

COMMUNITY ENGAGEMENT AND COORDINATION

PROJECT DELIVERABLES



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

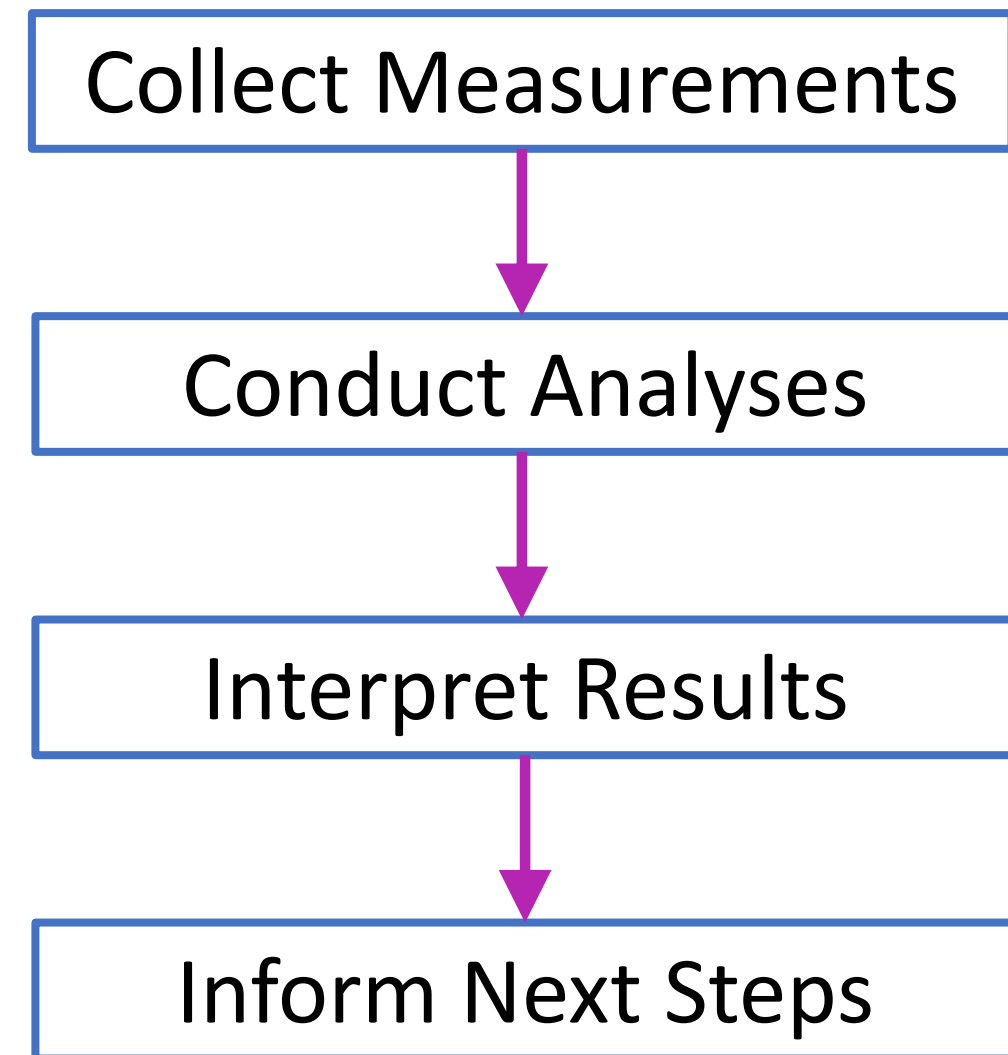


Additional Monitoring Projects

- 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

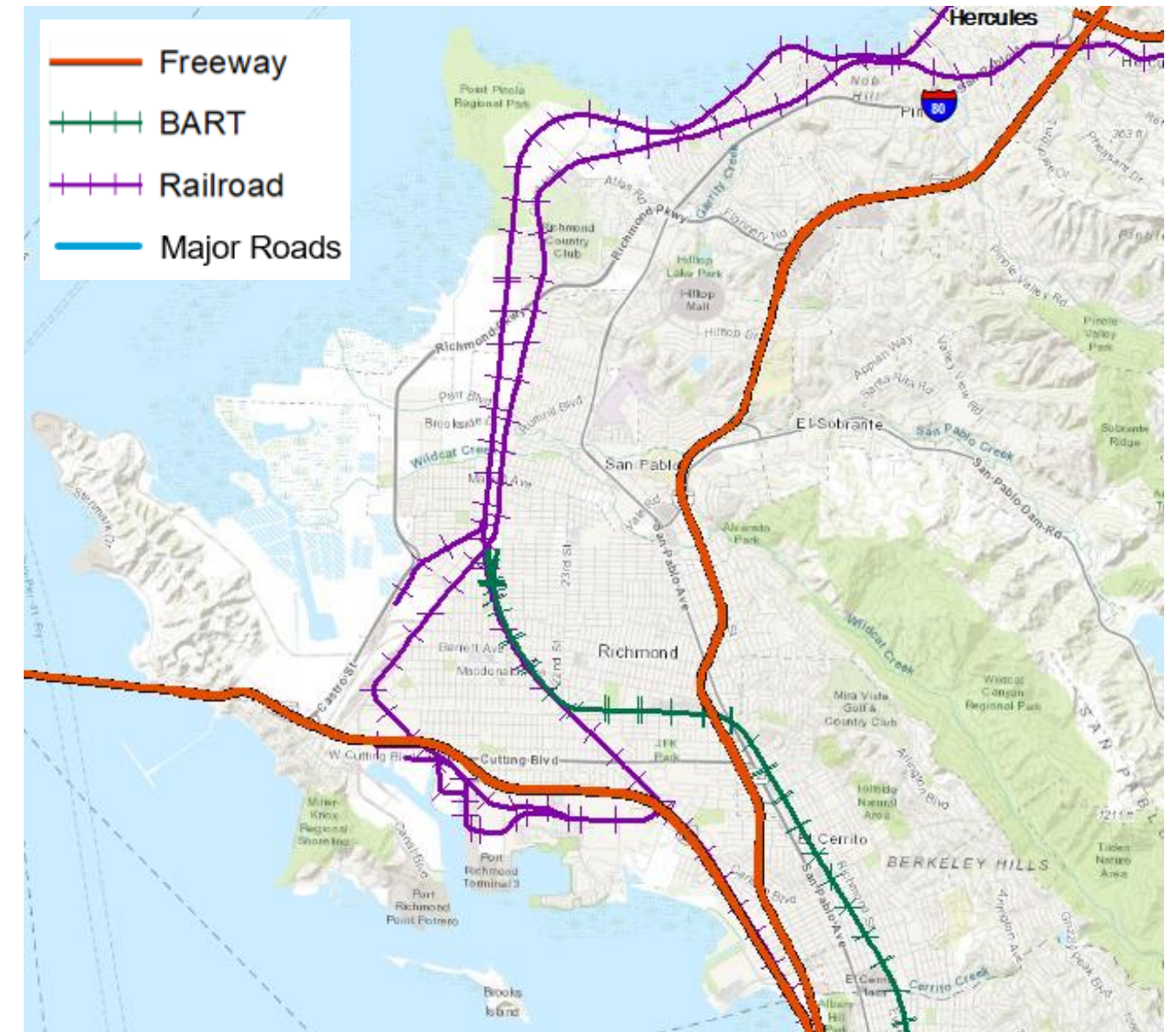
Pathway for Additional Monitoring

- **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 **real-time air quality information**

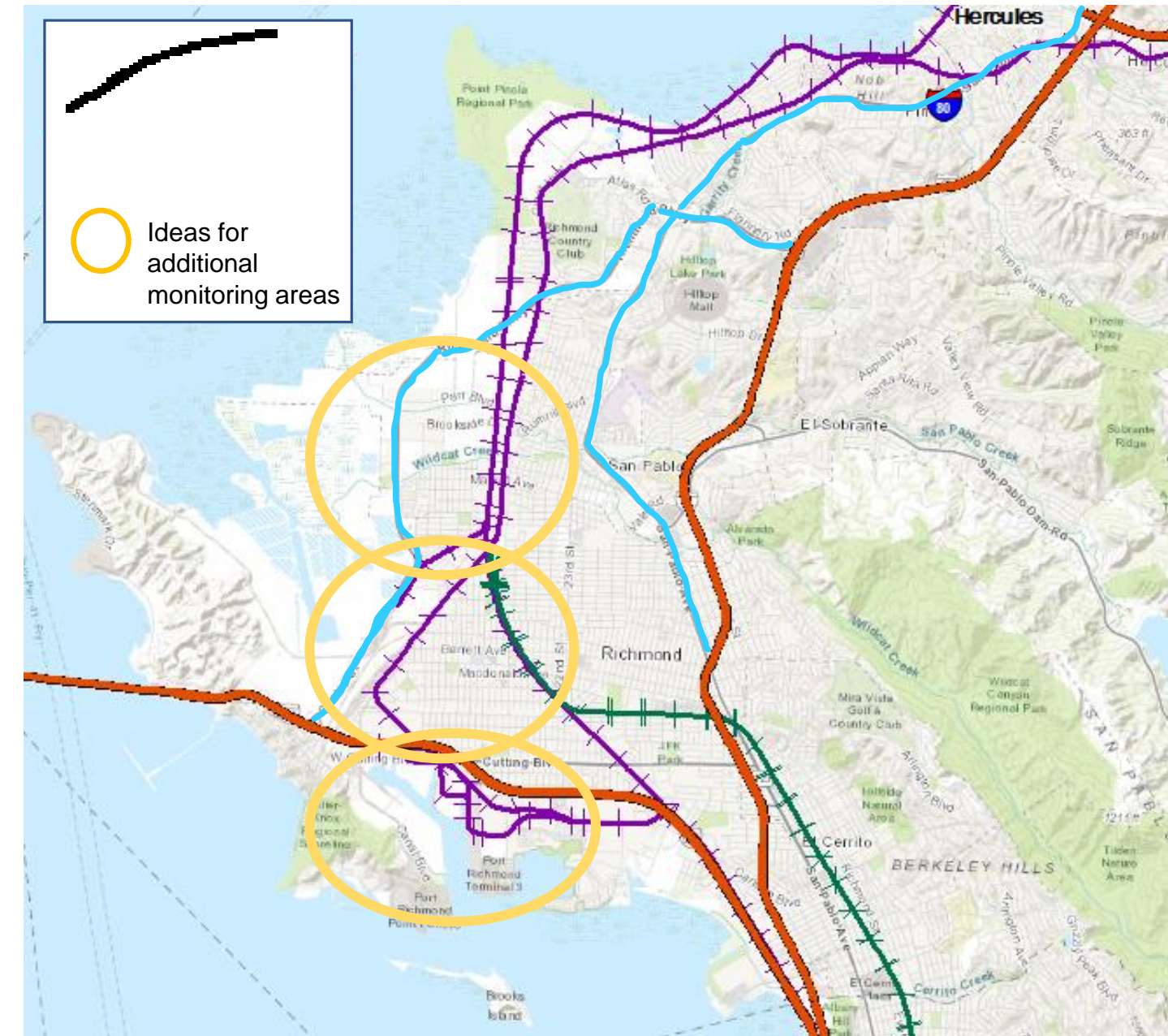


Option 2: Evaluate the PM impact from coal transport and operations

- **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**

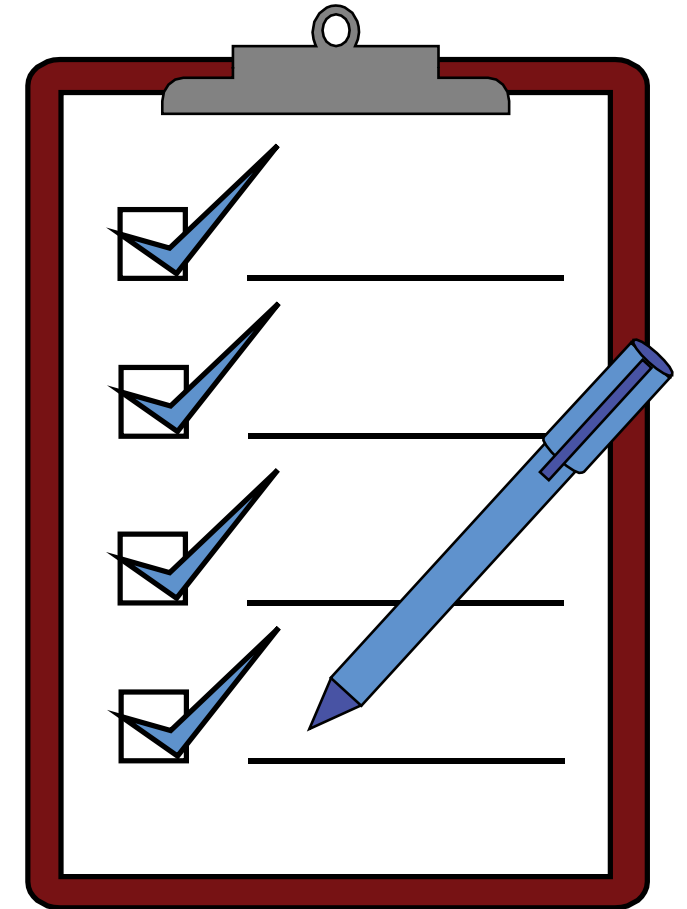
Option 3: Identify air toxics hotspots

- 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

Participation Guidelines

- 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

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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