

MEMORANDUM

June 28, 2019

TO: Bay Area Air Quality Management District

FR: MIG, Inc.

RE: Summary of June 19, 2019 Richmond-San Pablo Area Community Air Monitoring Plan Steering Committee Meeting #4

The Bay Area Air Quality Management District (Air District) is partnering with the Richmond-San Pablo Area to develop a Community Air Monitoring Plan (Monitoring Plan) through the state of California's [Community Air Protection Program](#), also known as Assembly Bill 617. Community engagement is critical to the development of the Monitoring Plan to ensure a community-driven plan that reflects the community's values, needs and preferences.

The Air District recently formed a Steering Committee to advise the development of the Monitoring Plan and act as liaisons between the community stakeholders they represent by disseminating information and transmitting input as appropriate. The Steering Committee will: identify the monitoring plan boundary; identify areas of concern for air pollution; potential contributing sources; and vulnerable populations; review existing studies on air quality to provide input towards Plan development; and disseminate information and consider input from the broader community. Key elements of the Monitoring Plan will be completed by early 2019 for monitoring to begin in July 2019. Steering Committee members are listed in Table 1.

On Thursday, June 19, 2019, the Steering Committee (or Committee) held its fourth meeting at the San Pablo Library. Twenty-six (26) Steering Committee members out of 35 were in attendance. A breakdown of the number of representatives by sector is available in Table 2. The meeting agenda, sign-in-sheet and presentation materials are available in Appendix A. Jamillah Jordan of MIG provided meeting facilitation and ensured that key agreements and discussion topics were documented.

Table 1: Steering Committee Membership

Steering Committee Member Name	Alternate	Organization
Adam Oliver		Chevron
Annie M. King-Meredith		Resident
Arnon Oren		Anaviv Catering
Boris Lukanov	Lee Ann Hill	PSE Healthy Energy
Bryana Gastelum		Resident
Cesar Zepeda		Hill Top Neighborhood
Demnlus Johnson	Adam Lenz	City of Richmond
Don Lau		Resident
Elizabeth Dunn		City of San Pablo
Dr. Henry Clark		West County Toxics Coalition
James Holland		Levin Terminal
James Lee		Richmond Chamber of Commerce
Janet Johnson		Sunflower Alliance
Jessica Range		Resident
Jill Rodby		Sims Metal
Joe L. Fisher		Coronado Neighborhood
John Anderson		Bay Area Rescue Mission
Julia Walsh		No Coal in Richmond
Kate Hoag	Kristen Law	BAAQMD
Katrinka Ruk	Fred Glueck	Council of Industries
Linda Whitmore		Santa Fe Neighborhood
Maria Martínez Resendiz		Resident
Marin Trujillo		WCCCUSD
Matt Holmes		Groundwork Richmond
Melvin Siegel		Resident
Mirna Cervantes		Multicultural Institute
Monique Davis		CARB
Dr. Naama Raz-Yaseef		Richmond Heights Neighborhood
Nain Villanueva de Lopez		First Five
Oscar Garcia		Iron Triangle Neighborhood
Paul Ehara		Idle No More / Rich City Rides
Randy Joseph		RYSE Youth Center
Dr. Rohan Radhakrishna		Contra Costa Health Services
Roxanne Carrillo Garza	Pierre Thompson	Healthy Richmond

Steering Committee Member Name	Alternate	Organization
Willie Robinson		NAACP: Richmond Branch

Table 2: Steering Committee Membership by Sector

Sector	Representatives in Attendance	Total Representatives
Community-Based Organization/Nonprofit	10	12
Education	0	1
Government	4	5
Industry/Business	5	6
Resident/Neighborhood Group	7	11
Total	26	35

I. Welcome, Introductions and Roll Call

The fourth Steering Committee meeting began with a roll call to establish whether the Steering Committee members in attendance constituted a quorum. A quorum allows the Committee to vote on key decisions. According to the Steering Committee Charter, a quorum requires more than 50% of members in attendance to represent residents; this excludes members who are residents but represent other sectors during Steering Committee meetings.

As each Steering Committee member in attendance introduced themselves, Kristen Law of the Air District and Jessie Hernandez of MIG took attendance and kept track of how many members represented residents. Of the 26 Steering Committee members in attendance, 17 (65%) represented residents, which constituted a quorum.

II. Looking Ahead: Richmond – San Pablo Community Air Monitoring Plan Process

Following roll call, the Steering Committee reviewed Community Air Monitoring Plan Process, represented by a process schedule graphic. Randy Joseph and Jamillah Jordan explained that the process schedule is a living and iterative document that will be updated on a regular basis as the process continues.

III. Results of 5/15 Mapping Activity

Dr. Kate Hoag of the Air District presented the results of the mapping activity from the 5/15 Steering Committee, summarizing the identified focus areas. Dr. Hoag explained how the Co-Lead Team derived the focus areas using the community air quality needs and concerns identified by the Steering Committee. The next step will be to prioritize focus areas, which will inform the planning of specific monitoring approaches.

The Co-Lead Team recommended conducting screening monitoring as a first step to better understand the identified focus areas and to identify hot spots for further discussion and study. The focus areas currently include areas with vulnerable and sensitive populations, parks, industrial areas along I-580, eastern portions of the Richmond – San Pablo study area and various streets and highways, such as the Richmond Parkway and San Pablo Avenue.

IV. Options for Initial Air Monitoring Efforts

Jon Bower of the Air District presented the monitoring modes relevant to the recommendation for conducting air quality screening throughout the preliminary study area. Willie Robinson presented the Co-Lead Team’s recommendation for initial air monitoring efforts, which included conducting air quality screening throughout the entire proposed study area using three projects. Working with the two California Air Resources Board CARB community assistance grant projects led by Groundwork Richmond and PSE Healthy Energy/APEN will provide real-time data from sensor saturation monitoring networks. The third air quality screening effort is a screening monitoring conducted by Aclima, a company contracted by the Air District, that would utilize mobile monitoring—cars equipped with air quality monitoring sensors—to provide a 3-month snapshot of block-by-block air quality on all publicly accessible roads in the proposed study area. Mr. Robinson stressed that these initial monitoring efforts would be only a first step in the monitoring process, to assist in prioritizing and identifying focus areas and hotspots for in-depth monitoring.

Matt Holmes of Groundwork Richmond and Boris Lukanov of PSE Healthy Energy described the scope, purpose and status of their CARB grants and ongoing monitoring projects. The Steering Committee members asked follow-up questions on the groups’ level of coordination, process for identifying sensor locations and relationship with the Air District, among other topics.

In addition, Steering Committee members asked follow-up questions to clarify the opportunities and issues of each monitoring effort and to assess potential resource constraints. Some Steering Committee members expressed concern that budgetary restrictions might

impact their recommendations and the implementation process. The Air District and CARB explained that the cost of implementing the Community Air Monitoring Plan would be offset by utilizing existing equipment and drawing funding from a variety of sources.

The Steering Committee held an in-depth discussion on the Co-Lead Team's proposal for initial air monitoring efforts. The facilitator posed the following question to solicit input:

- *Should the Steering Committee leverage the three proposed monitoring efforts as a first step for the AB 617 monitoring process? And why?*

Committee members shared their responses to this question and identified additional concerns and opportunities for further consideration. Comments from Steering Committee members are summarized below:

- There are many benefits of deploying both modes simultaneously.
- The importance of indoor air monitoring was highlighted by one member as an issue the Steering Committee should consider during the planning process.
- There is a need for 24-hour monitoring, particularly early in the morning and during the night when trucks operate, and quarry plumes are emitted.
- The multi-generational impact that the monitoring process was highlighted, and the Steering Committee was urged to consider monitoring greenhouse gases and to contribute to global efforts to address climate change.
- There is interest in learning how hot spots relate to vulnerable populations.
- Some members expressed concern that leveraging the CARB grantee projects now would decrease later investments.
- A member encouraged the Steering Committee and Air District to consider ways it can support the CARB grantees' projects.

After discussing the Co-Lead Team's proposal, the Steering Committee voted on each element separately. The Steering Committee voted to begin conducting initial screening monitoring and to leverage the CARB grantees' monitoring projects. The results of each vote are available in Table 3 on the following page.

Table 3: Results of 6/19 Steering Committee Vote on Proposal for Initial Monitoring Efforts

Proposal	Results (#)	Results (%)
Groundwork Richmond Saturation (Sensor Network with 50 Monitors)	Yes – 21 Votes	Yes – 100%
	No – 0 Votes	No – 0%
	Abstain – 3 Votes	Abstain – N/A
PSE/APEN Saturation Sensor Network (Sensor Network with 50 Monitors)	Yes – 20 Votes	Yes – 95%
	No – 1 Vote	No – 5%
	Abstain – 4 Votes	Abstain – N/A
Aclima (Mobile Block-By-Block Screening)	Yes – 20 Votes	Yes – 91%
	No – 2 Votes	No – 9%
	Abstain – 3 Votes	Abstain – N/A

VI. Public Comment

At the conclusion of the Steering Committee discussion, the floor was opened for public comment. Oscar Garcia commented on the importance of conducting indoor air monitoring and urged the Steering Committee to address indoor air quality in the Richmond – San Pablo Community Air Monitoring Plan. Dr. Henry Clark asked the Steering Committee and Air District to consider methods for coordinating and communicating findings with the Cities of Richmond and San Pablo, as the two City governments will play a crucial role in reducing emissions through their respective permitting processes.

VII. Next Steps

The Co-Lead Team and Air District will plan the agenda topics, presentations and activities for the fifth Steering Committee meeting. The Steering Committee will meet for its fifth meeting at the Richmond Memorial Auditorium on July 10, 2019.