

# MEMORANDUM

July 15, 2019

TO: Bay Area Air Quality Management District

FR: MIG, Inc.

RE: Summary of July 10, 2019 Richmond-San Pablo Area Community Air Monitoring Plan Steering Committee Meeting #5

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 Wednesday, July 10, 2019, the Steering Committee (or Committee) held its fifth meeting at the Richmond Memorial Auditorium. Twenty-eight (28) 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 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 | 8                             | 12                    |
| Education                              | 1                             | 1                     |
| Government                             | 4                             | 5                     |
| Industry/Business                      | 6                             | 6                     |
| Resident/Neighborhood Group            | 9                             | 11                    |
| <b>Total</b>                           | <b>28</b>                     | <b>35</b>             |



## I. Welcome, Introductions and Roll Call

The fifth Steering Committee meeting initiated 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, Dan Alrick of the Air District and Ana Padilla of MIG took attendance and kept track of how many members represented residents. Of the 28 Steering Committee members in attendance, 16 (57%) represented residents, which constituted a quorum.

## II. Brief Recap of 6/19 Steering Committee Meeting

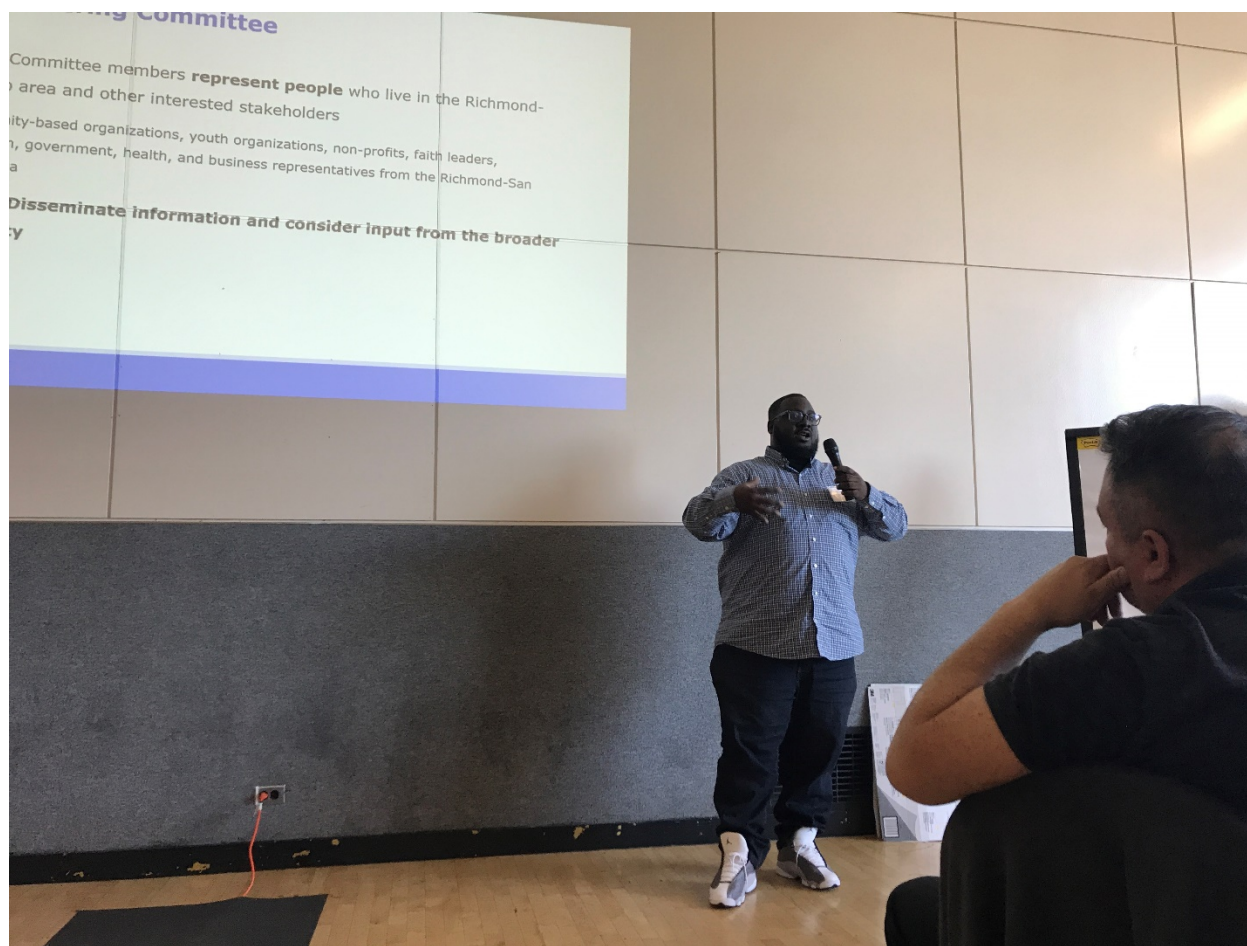
Following roll call, Linda Whitmore, a member of the Co-Lead Team, recapped the 6/19 Steering Committee meeting and discussed the next steps for developing partnership agreements with PSE/APEN, Groundwork Richmond and Aclima. Jamillah Jordan reviewed the process graphic, which outlines the key engagement activities and planning milestones.



### III. Community Engagement by Steering Committee Members

Randy Joseph, a member of the Co-Lead Team, discussed the role of Steering Committee members in informing their constituents of the Monitoring Plan process and to solicit their input. Steering Committee members represent people who live in the Richmond-San Pablo area and other interested stakeholders. Based on their representative role, a key responsibility of Steering Committee members is to disseminate information and consider input from the broader community.

Jamillah Jordan led a brainstorming discussion to identify potential community outreach and engagement methods. Steering Committee members recommended that the outreach and engagement activities meet stakeholders where they spend time, such as social and faith-based institutions. Specific suggestions include attending standing meetings, such as PTA and neighborhood council meetings, visiting churches and conducting pop-up events at farmer's markets.



## IV. Monitoring Plan Template

Willie Robinson, a member of the Co-Lead Team, and Dr. Kate Hoag of the Air District presented a draft Monitoring Plan template to the Steering Committee. The template clarifies the Plan components and the next steps moving forward in the process.

Some Steering Committee members noted that the template is useful, and they requested examples of plans from other communities. Members also asked when the Plan is due and when the Plan will be released, and the Air District and CARB replied that there are no legislative deadlines for the final draft or release. Steering Committee members were invited to submit additional input via email until July 17<sup>th</sup>.

In addition, the Air District is finalizing the draft summary to CARB which outlines the progress to-date. The summary will include a description of the planning process, discussions, and decisions through June 2019. The Co-lead team will share the draft summary with the Steering Committee in the coming weeks.

## V. Discussion of Priority Focus Areas

Dr. Naama Raz-Yaseef, a member of the Co-Lead Team, and Dr. Kate Hoag framed the discussion of priority focus areas. The initial study area is large and includes many distinct neighborhoods and pollution sources. Focus areas are based on input from the Steering Committee, encompassing areas around the pollution sources of concern.

The focus areas shown during the mapping activity are a starting point for discussion of potential monitoring studies that may complement the screening projects. As a result, the focus areas may change. Some of the areas are centered more on pollution sources while others are more residential as source-oriented monitoring and population-oriented monitoring will require different monitoring approaches.

Jamillah Jordan explained the “world café” or small group discussion format to the Steering Committee. The Steering Committee discussed three focus areas, including:

- Richmond Harbor Focus Area
- South Richmond Focus Area
- North Richmond/ Western San Pablo Area

The Co-Lead Team chose to present these three focus areas for this month’s Steering Committee discussion to allow more time for deep discussion of each area. The three focus areas selected for were not chosen out of priority, but were chosen so that the Steering Committee is not covering areas with the most/largest pollution sources on the same night.

Steering Committee members discussed the following questions at each focus area station:

1. What specific sources of air pollution are missing from this area? What, if any, other changes are needed for this area?
2. What actions can more air quality information inform or support in this area?
3. How can we ensure that the monitoring plan is informed by people impacted by air pollution from this area?

Results from the focus area discussion are summarized below.

### Question 1: What specific sources of air pollution are missing from this area? What, if any, other changes are needed for this area?

#### Richmond Harbor

- Water treatment facility
- Backups and idling along I-580
- Construction projects (including new housing developments)
- Coal shipping (uncovered coal cars)
- Cannabis manufacturing
- Commuter ferry
- Corner of Cutting Blvd & Canal St – Linde LLC facility (industrial gas manufacturer)
- Chevron long wharf
- Emissions from offshore ships/vessels (including dredging operations)

#### South Richmond

- Marine/harbor traffic
- SunPower facility
- Trucking around Blue Apron distribution facility
- Construction projects, especially near housing
- Coal cars
- PG&E truck usage and idling
- Traffic along I-580
- Commuter ferry
- Restaurants
- Labs in the area (like Kaiser or Richmond Field Study)
- New breweries
- Superfund site by the Richmond Field Study
- Railways

- Fire station (sometimes does training burns)
- Dichlorodiphenyltrichloroethane (DDT – insecticide) levels in the Santa Fe channel
- Electric charging stations being set up by Tesla
- Might extend area north and east of current boundary

#### **North Richmond / Western San Pablo**

- Railways (particularly related to coal)
- Shipping/receiving/distribution facilities
- Chemical facility next to Sealy Mattress
- Chevron ponds
- Construction areas
- Restaurants (particularly barbecue)
- Auto body shops
- BART facility/railyard
- Recycling centers (including metals, auto)
- Traffic/truck backups at intersection of San Pablo Ave. & Richmond Pkwy
- C & D facilities (construction and demolition processing)
- Ghilotti Brothers Coffee
- SunBelt
- NorCal Perlite

#### **Emissions sources mentioned across more than one focus area:**

- On-road vehicles (particularly trucks) and railways (particularly coal)
- Marine/harbor traffic
- Construction projects
- Restaurants
- Auto body shops

### **Question 2: What actions can additional air quality information inform or support in this area?**

#### **Richmond Harbor**

- Identify unknown pollution (or odor) sources; collocate air quality and wind monitoring
- Help establish regulations on emissions from marine operations
- Assess exposure in residential areas or to those doing outdoor recreational activities
- Arrange a grid of monitors to identify hot spots and identify probable sources that could be regulated
- Real-time monitoring information to inform community of health impacts
- Measure pollutants from marine operations to determine which ships/vessels most impact air quality



- Examine what pollutants are being emitted from rail operations and when emissions are highest

### South Richmond

- Monitor emissions off coal cars to help with regulation
- Data for real-time air quality mobile app
- Monitor off-gassing of soil in remediation or construction areas, particularly areas of former landfill/waste disposal
- Tagging of particles to identify their sources and where they are going
- Create a grid of monitors to detect PM, VOC, NOx to identify sources and hotspots
- Emissions from loading and unloading at ports/shipyards/marina/railyards
- Differentiate pollution from local sources vs. transported from other areas
- Identify sources of odors
- Relate odors from cooking/restaurants to potential air quality impacts
- Measure indoor air quality in newly constructed homes

### North Richmond / Western San Pablo

- Develop a grid of monitors to identify sources and hot spots
- Differentiate emissions from mobile vs. stationary sources (and help drive regulations)
- Investigate exposure to high-population areas or areas where people congregate
- Exposure in recreational areas (like along the Bay Trail)
- Establish air quality controls on industries and identify unpermitted sources

## Question 3: How can we ensure that the monitoring plan is informed by people impacted by air pollution from this area?

### Richmond Harbor

- Put together fact sheets for public after monitoring data are collected
- Provide more outreach on health standards
- Outreach documents in more languages
- Engage with transit riders (bus and ferry)
- Engage at Rosie the Riveter museum
- Have an app that shares local real-time air quality data
- More outreach to small business owners; check with Chamber of Commerce
- Conduct surveys in recreational areas
- Add more context to technical information/documents
- Outreach to schools and HOAs

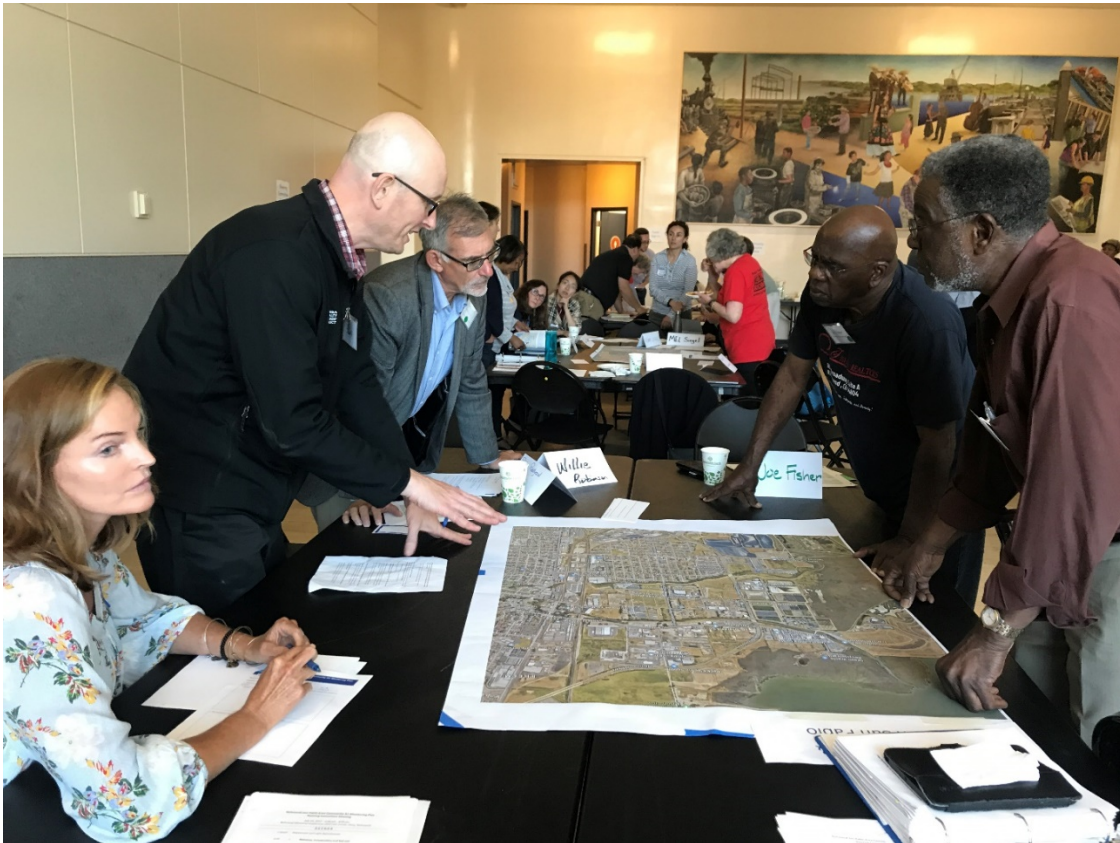
### South Richmond

- Connect with business and neighborhood councils

- App to share real-time air quality data
- Create stories/advertising on how to access information and get involved
- Outreach at Rosie the Riveter museum
- Create factsheets after monitoring data are collected
- Televised air pollution meeting at city hall
- Send newsletter to local community
- Connect with HOAs and churches to help distribute information
- Develop a website that is easier to use
- Focus groups with incentives for participation (gift cards, meals, museum passes, etc.)
- Email or text sign-up to receive summary of result from local measurements/monitoring

### North Richmond / Western San Pablo

- Outreach to schools and parent groups at schools
- Create materials in different languages
- Canvas/survey in public areas (museums or the flea market)
- Outreach to employers, businesses, HOAs
- Simplify technical language in materials



## VI. Public Comment

At the conclusion of the Steering Committee discussion, the floor was opened for public comment. Jonathan London, a professor at the University of California, Davis, shared that he was hired by CARB to evaluate the AB 617 process and will be visiting the Steering Committee meetings across the state and interviewing stakeholders over the next year as part of his assessment. Another member of the public shared that she had difficulty RSVP'ing for the meeting. The Co-Lead Team will ensure the RSVP form is functioning properly.

## VII. Next Steps

The Co-Lead Team and Air District will plan the agenda topics, presentations and activities for the sixth Steering Committee meeting. The Steering Committee will meet for its sixth meeting at the Richmond Memorial Auditorium on August 14, 2019.

