



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

**BOARD OF DIRECTORS
REGULAR MEETING
September 16, 2020**

**THIS MEETING WILL BE CONDUCTED UNDER PROCEDURES AUTHORIZED BY
EXECUTIVE ORDER N-29-20 ISSUED BY
GOVERNOR GAVIN NEWSOM**

- **THE PUBLIC MAY OBSERVE THIS MEETING THROUGH THE WEBCAST BY CLICKING THE LINK AVAILABLE ON THE AIR DISTRICT'S AGENDA WEBPAGE AVAILABLE AT**

www.baaqmd.gov/bodagendas

- **THE PUBLIC MAY PARTICIPATE REMOTELY VIA ZOOM AT THE FOLLOWING LINK OR BY PHONE**

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877 853 5247 (Toll Free) or 888 788 0099 (Toll Free)

WEBINAR ID: 961 6295 3991

- **THOSE PARTICIPATING BY PHONE WHO WOULD LIKE TO MAKE A COMMENT CAN USE THE "RAISE HAND" FEATURE BY DIALING "*9". IN ORDER TO RECEIVE THE FULL ZOOM EXPERIENCE, PLEASE MAKE SURE YOUR APPLICATION IS UP TO DATE**
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Comments@baaqmd.gov

BOARD OF DIRECTORS REGULAR MEETING AGENDA

WEDNESDAY
SEPTEMBER 16, 2020
9:30 A.M.

Chairperson, Rod Sinks

1. **CALL TO ORDER - ROLL CALL**

PUBLIC MEETING PROCEDURE

The Board Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Board members.

This meeting will be webcast. To see the webcast, please visit www.baaqmd.gov/bodagendas at the time of the meeting. Closed captioning may contain errors and omissions and are not certified for their content or form.

***Email Comment on Agenda Items:** The public may comment on each item on the agenda. Email Comments for items on the agenda must be submitted to Comments@baaqmd.gov prior to the Board taking up the particular item and indicate the agenda item to which the comment relates. Emailed comments will be considered as the agenda item is taken up by the Board. Emailed comments containing 250 words or less will be read aloud by staff. Emailed comments exceeding 250 words may be summarized during the meeting, if feasible.*

COMMENDATIONS/PROCLAMATIONS/AWARDS

2. *The Board of Directors will recognize Willie Robinson, Linda Whitmore, Nain Lopez, Randy Joseph, and Dr. Naama Raz-Yaseef for their work on the Assembly Bill (AB) 617 Path to Clean Air in Richmond/San Pablo's Community Air Monitoring Plan.*

CONSENT CALENDAR (ITEMS 3-12)

Staff/Phone (415) 749-

3. Minutes of the Board of Directors Meeting of July 15, 2020

Clerk of the Boards/5073

The Board of Directors will consider approving the draft minutes of the Board of Directors Meeting of July 15, 2020.

4. Board Communications Received from July 15, 2020 through September 15, 2020
J. Broadbent/5052
jbroadbent@baaqmd.gov

A copy of communications directed to the Board of Directors received by the Air District from July 15, 2020 through September 15, 2020, if any, will be distributed to the Board Members by way of email.

5. Notices of Violations Issued and Settlements in Excess of \$10,000 in the Month of July 2020
J. Broadbent/5052
jbroadbent@baaqmd.gov

In accordance with Resolution No. 2012-08, the Board of Directors will receive a list of all Notices of Violations issued, and all settlements for amounts in excess of \$10,000 during the month of July 2020.

6. Air District Personnel on Out-of-State Business Travel
J. Broadbent/5052
jbroadbent@baaqmd.gov

In accordance with Section (b) of the Air District Administrative Code, Fiscal Policies and Procedures Section, the Board is hereby notified that the attached memorandum lists Air District personnel who have traveled on out-of-state business in the preceding months.

7. Quarterly Report of the Executive Office and Division Activities for the Months of April 2020 – June 2020
J. Broadbent/5052
jbroadbent@baaqmd.gov

A summary of Board of Directors, Hearing Board, and Advisory Council meeting activities for the first quarter is provided for information only. Also included is a summary of the Executive Office and Division Activities for the months of April 2020 – June 2020.

8. Authorization to Execute Contract for Microsoft Software Licensing
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to enter into a three-year Microsoft Enterprise Software Licensing Agreement, in an amount not to exceed \$1.85M with Dell Marketing LP.

9. Notice of Proposed Amendments to the Air District's Administrative Code, Division II: Fiscal Policies and Procedures, Section 4: Purchasing Procedures, Section 4.6: Contracts, Section 4.6(d): Bid Award

J. Broadbent/5052

jbroadbent@baaqmd.gov

The Board of Directors will consider adopting an amendment to the Air District's Administrative Code, Division II: Fiscal Policies and Procedures, Section 4: Purchasing Procedures, Section 4.6 Contracts, Section 4.6(d): Bid Award.

10. Authorization to Execute Contracts for Agricultural Waste and Wildfire Prevention Chipping

J. Broadbent/5052

jbroadbent@baamqd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to enter into agreements, in amounts not to exceed \$150,000 respectively for continuing the Agricultural Waste Chipping Program for open burning, and a Wildfire Prevention Chipping Pilot Program to dispose of material removed for wildfire prevention.

11. Authorization to Execute Contract Amendments for Production System Office

J. Broadbent/5052

jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to execute contract amendments with Avantpage, C&G Technology Services, Clay Tablet, ClearSparc, Cylogy, ITDependz, Malinda Lai, Salesforce, Sitecore and Support Focus, in an amount not to exceed \$1,918,518 for the Production System Office to meet Fiscal Year Ending (FYE) 2021 goals.

12. Authorization to Execute Expansion of Existing Cylogy and Avant Contracts

J. Broadbent/5052

jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to execute contract amendments with Avantpage, Inc. and Cylogy, in an amount not to exceed \$39,408 for translation services and services associated with the Clean Cars for All Program.

COMMITTEE REPORTS

13. Report of the Stationary Source Committee Meeting of July 29, 2020

CHAIR: J. Bauters

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following report:

A) Update on the Development of Draft Amendments to Regulation 6, Rule 5 (Rule 6-5): Particulate Emissions from Petroleum Refinery Fluidized Catalytic Cracking Units

1) *None; receive and file.*

For the full Committee agenda packet and materials, click on the link below:

www.baaqmd.gov/bodagendas

14. Report of the Executive Committee Meeting of July 29, 2020

CHAIR: R. Sinks

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following reports:

A) Hearing Board Quarterly Report: January 2020 – March 2020

1) *None; receive and file.*

B) Hearing Board Quarterly Report: April 2020 – June 2020

1) *None; receive and file.*

C) Bay Area Regional Collaborative (BARC) Update

1) *None; receive and file.*

D) Air District Efforts to Encourage Remote Work Update

1) *None; receive and file.*

E) Wildfire Program Update

1) *None; receive and file.*

F) Climate Tech Finance Program Update

1) *None; receive and file.*

For the full Committee agenda packet and materials, click on the link below:
www.baaqmd.gov/bodagendas

15. Report of the Advisory Council Meeting of July 31, 2020
BOARD LIAISON: R. Sinks

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following reports:

A) Regulated Industry Perspectives Regarding Particulate Matter (PM) Measures

1) *None; receive and file.*

B) Bay Area Particulate Matter (PM) Modeling-Based Assessments and Next Steps

1) *None; receive and file.*

C) Deliberation on Particulate Matter (PM) Strategy and Next Steps

1) *None; receive and file.*

For the full Council agenda packet and materials, click on the link below:
<https://www.baaqmd.gov/about-the-air-district/advisory-council/agendasreports>

16. Report of the Ad Hoc Committee on Equity, Access, and Inclusion Meeting of September 10, 2020
CHAIR: D. Hurt

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following reports:

A) Resolution Reaffirming the Bay Area Air Quality Management District's (Air District) Commitment to Diversity, Equity, Access, and Inclusion

1) *The Ad Hoc Committee on Equity, Access, and Inclusion will consider recommending that the Board of Directors adopt the resolution reaffirming the Air District's commitment to Diversity, Equity, Access, and Inclusion.*

B) Review of the Advisory Council Recruitment Process

1) *None; receive and file.*

C) Update on Assembly Bill (AB) 617 Richmond/San Pablo Path to Clean Air

1) *None; receive and file.*

D) Community Storytelling

1) *None; receive and file.*

E) Update on Office of Diversity, Equity & Inclusion | Internal and External Efforts to Advance Equity

1) *None; receive and file.*

For the full Committee agenda packet and materials, click on the link below:

www.baaqmd.gov/bodagendas

PRESENTATIONS

17. Update on Wildfires and Air Quality

The Board of Directors will receive a presentation and update on the 2020 wildfire season, its impact on Bay Area Air Quality, and the Air District's efforts to date.

18. Overview of Petroleum Refining Market in California

The Board of Directors will receive a presentation from Mr. Gordon Schremp, Senior Fuels Specialist for the California Energy Commission, on Petroleum Refining Market. The Board will also receive an update from Marathon Petroleum and Phillips 66 on their future operations.

CLOSED SESSION

19. **CONFERENCE WITH LEGAL COUNSEL**

EXISTING LITIGATION (Government Code § 54956.9(a))

Pursuant to Government Code Section 54956.9 (a), a need exists to meet in closed session with legal counsel to consider the following case:

A. **Associated Industries Insurance Company v. Bay Area AQMD**, U.S. District Court, N.D. Cal. No. 4:19-cv-05277-DMR

OPEN SESSION

PUBLIC COMMENT ON NON-AGENDA MATTERS

20. **Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3**

Emailed comments indicating the comment pertains to non-agenda matters will be considered under this item. Emailed comments containing 250 words or less will be read aloud by staff. Emailed comments exceeding 250 words may be summarized during the meeting, if feasible.

BOARD MEMBERS' COMMENTS

21. *Any member of the Board, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)*

OTHER BUSINESS

22. Report of the Executive Officer/APCO

23. Chairperson's Report

24. Time and Place of Next Meeting:

Wednesday, October 7, 2020, at 9:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

25. Adjournment

The Board meeting shall be adjourned by the Board Chair.

CONTACT:

MANAGER, EXECUTIVE OPERATIONS
375 BEALE STREET, SAN FRANCISCO, CA 94105
vjohnson@baaqmd.gov

(415) 749-4941
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov

- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the District's offices at 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

Accessibility and Non-Discrimination Policy

The Bay Area Air Quality Management District (Air District) does not discriminate on the basis of race, national origin, ethnic group identification, ancestry, religion, age, sex, sexual orientation, gender identity, gender expression, color, genetic information, medical condition, or mental or physical disability, or any other attribute or belief protected by law.

It is the Air District's policy to provide fair and equal access to the benefits of a program or activity administered by Air District. The Air District will not tolerate discrimination against any person(s) seeking to participate in, or receive the benefits of, any program or activity offered or conducted by the Air District. Members of the public who believe they or others were unlawfully denied full and equal access to an Air District program or activity may file a discrimination complaint under this policy. This non-discrimination policy also applies to other people or entities affiliated with Air District, including contractors or grantees that the Air District utilizes to provide benefits and services to members of the public.

Auxiliary aids and services including, for example, qualified interpreters and/or listening devices, to individuals who are deaf or hard of hearing, and to other individuals as necessary to ensure effective communication or an equal opportunity to participate fully in the benefits, activities, programs and services will be provided by the Air District in a timely manner and in such a way as to protect the privacy and independence of the individual. Please contact the Non-Discrimination Coordinator identified below at least three days in advance of a meeting so that arrangements can be made accordingly.

If you believe discrimination has occurred with respect to an Air District program or activity, you may contact the Non-Discrimination Coordinator identified below or visit our website at www.baaqmd.gov/accessibility to learn how and where to file a complaint of discrimination.

Questions regarding this Policy should be directed to the Air District's Non-Discrimination Coordinator, Rex Sanders, at (415) 749-4951 or by email at rsanders@baaqmd.gov

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SAN FRANCISCO, CA 94105

FOR QUESTIONS PLEASE CALL (415) 749-4941

EXECUTIVE OFFICE:

MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

SEPTEMBER 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting -CANCELLED	Wednesday	2	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Community & Public Health Committee - CANCELLED AND RESCHEDULED TO THURSDAY, SEPTEMBER 17, 2020 AT 9:30 A.M.	Thursday	3	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Ad Hoc Committee on Equity, Access, & Inclusion	Thursday	10	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Regular Meeting	Wednesday	16	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Community & Public Health Committee	Thursday	17	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Ad Hoc Committee on Equity, Access, & Inclusion – CANCELLED AND RESCHEDULED TO THURSDAY, SEPTEMBER 10, 2020 AT 9:30 A.M.	Thursday	17	10:00 a.m.	Webcast only pursuant to Executive Order N-29-20
Advisory Council Meeting – CANCELLED AND RESCHEDULED TO FRIDAY, OCTOBER 9, 2020 AT 9:00 A.M.	Tuesday	22	9:00 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Mobile Source Committee	Thursday	24	11:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Climate Protection Committee	Wednesday	30	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Legislative Committee	Wednesday	30	11:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Budget & Finance Committee	Wednesday	30	1:30 p.m.	Webcast only pursuant to Executive Order N-29-20

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Minutes of the Board of Directors Meetings of July 15, 2020

RECOMMENDED ACTION

Approve the attached draft minutes of the Board of Directors Meeting of July 15, 2020.

DISCUSSION

Attached for your review and approval are the draft minutes of the Board of Directors Meeting of July 15, 2020.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

Attachment 3A: Draft Minutes of the Board of Directors Meeting of July 15, 2020

AGENDA 3A – ATTACHMENT

Draft Minutes - Board of Directors Regular Meeting of July 15, 2020

Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
(415) 749-5073

Board of Directors Regular Meeting
Wednesday, July 15, 2020

DRAFT MINUTES

Note: Audio recordings of the meeting are available on the website of the Bay Area Air Quality Management District at www.baaqmd.gov/bodagendas

This meeting was conducted under procedures authorized by executive order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference.

CALL TO ORDER

1. **Opening Comments:** Board of Directors (Board) Chairperson, Rod Sinks, called the meeting to order at 9:32 a.m.

Roll Call:

Present: Chairperson Rod Sinks; Vice Chairperson Cindy Chavez; Secretary Karen Mitchoff; and Directors Margaret Abe-Koga, Teresa Barrett, John Bauters, David Canepa, Pauline Russo Cutter, John Gioia, Carole Groom, Scott Haggerty, David Hudson, Davina Hurt, Tyrone Jue, Liz Kniss, Nate Miley, Katie Rice, Mark Ross, Brad Wagenknecht, Shamann Walton, Lori Wilson, and Shirlee Zane.

Absent: Director Jim Spering.

CONSENT CALENDAR (ITEMS 2 - 8)

2. Minutes of the Board of Directors Special Meetings of June 3, 2020 and June 17, 2020
3. Board Communications Received from June 3, 2020 through July 14, 2020
4. Notices of Violations Issued and Settlements in Excess of \$10,000 in the Month of May 2020
5. Air District Personnel on Out-of-State Business Travel
6. Authorization to Amend a Contract with Bentley Systems, Inc., for Roadway Elevations Data for Nine Counties in the Bay Area
7. Projects with Proposed Grant Awards Over \$100,000
8. Public Meeting to Consider Adoption of the Bay Area Air Quality Management District's Emissions Statement Certification for the 1997, 2008, and 2015 8-hour Ozone National Ambient Air Quality Standards (NAAQS)

NOTED PRESENT: Vice Chair Chavez and Directors Cutter, Haggerty, and Rice were noted present at 9:37 a.m.

Public Comments

No requests received.

Board Comments

None.

Board Action

Director Hudson made a motion, seconded by Director Wagenknecht, to **approve** the Consent Calendar Items 2 through 8, inclusive; and the motion **carried** by the following vote of the Board:

AYES: Abe-Koga, Barrett, Bauters, Canepa, Chavez, Cutter, Gioia, Groom, Haggerty, Hudson, Hurt, Jue, Mitchoff, Ross, Sinks, Wagenknecht, Walton, Wilson, Zane.
NOES: None.
ABSTAIN: Rice.
ABSENT: Kniss, Miley, Spering.

COMMITTEE REPORTS

9. Report of the Stationary Source Committee Meeting of June 17, 2020

Stationary Source Committee Chair, John Bauters, read the following Committee report:

The Committee met on Wednesday, June 17, 2020, under procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference. The Committee approved the minutes of April 22, 2020.

The Committee reviewed and discussed the staff presentation Update on the Development of Amendments to Rule 6-5.

The Committee then reviewed and discussed the staff presentation Regulation 11-18 Implementation Update.

Finally, the Committee reviewed and discussed the staff presentation Update the Odor Attribution Study in the South Bay.

The next meeting of the Stationary Source Committee will be held on Wednesday, July 29, 2020, at 9:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. This concludes the Chair report of the Stationary Source Committee.

Public Comments

Public comments were given by Jed Holtzman, 350 Bay Area; Tyler Earl, Communities for a Better Environment (CBE); Richard Gray, 350 Bay Area; Dan Sakaguchi, CBE; Stephen Rosenblum; and Ernesto Alevaro, CBE.

Board Comments

The Board and staff discussed the difference between Best Available Control Technology (BACT) and Best Available Retrofit Control Technology (BARCT) and the Air District's implementation of BARCT standards toward its rule development process; the desire to see the Air District's original rulemaking schedules remain on course; the manner in which rulemaking data is collected; the suggestion of increasing the number of surprise inspections at permitted facilities; and the monitoring and testing methods at refineries, which parties conduct such activities, and the accuracy of their results.

Board Action

None; receive and file.

NOTED PRESENT: Director Miley was noted present at 10:08 a.m.

10. Report of the Mobile Source Committee Meeting of June 18, 2020

Mobile Source Committee Chair, David Canepa, read the following Committee report:

The Committee met on Thursday, June 18, 2020, under procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference. The Committee approved the minutes of May 20, 2020.

The Committee reviewed and discussed the staff presentation Projects and Contracts with Proposed Awards Over \$100,000. The Committee recommends the Board:

- 1. Approve recommended projects with proposed grant awards over \$100,000; and*
- 2. Authorize the Executive Officer/Air Pollution Control Officer (APCO) to enter into all necessary agreements with applicants for the recommended projects.*

The Committee then reviewed and discussed the staff presentation Revise Allocation of Fiscal Year Ending 2021 Transportation Fund for Clean Air Funding. The Committee recommends the Board:

- 1. Approve the proposed increase to the allocation of Transportation Fund for Clean Air in Fiscal Year Ending 2021; and*
- 2. Authorize the proposed change to cost-effectiveness limits for the Air District-sponsored programs and projects.*

The next meeting of the Mobile Source Committee will be held on Thursday, September 24, 2020, at 11:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. I move that the Board approve the Mobile Source Committee's recommendations. This concludes the Chair Report of the Mobile Source Committee.

Public Comments

No requests received.

Board Comments

None.

Board Action

Director Canepa made a motion, seconded by Director Wagenknecht, to **approve** the recommendations of the Mobile Source Committee; and the motion **carried** by the following vote of the Board:

AYES: Abe-Koga, Barrett, Bauters, Canepa, Chavez, Cutter, Gioia, Groom, Haggerty, Hudson, Hurt, Jue, Miley, Mitchoff, Rice, Ross, Sinks, Wagenknecht, Wilson, Zane.
NOES: None.
ABSTAIN: None.
ABSENT: Kniss, Spering, Walton.

11. Report of the Climate Protection Committee Meeting of June 18, 2020

Climate Protection Committee Chair, Teresa Barrett, read the following Committee report:

The Committee met on Thursday, June 18, 2020, under procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference. The Committee approved the minutes of April 22, 2020.

The Committee received and discussed the presentation Update on Heat Pump Water Heater Grants.

The next meeting of the Climate Protection Committee will be held on Wednesday, September 30, 2020, at 9:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. This concludes the Chair report of the Climate Protection Committee.

Public Comments

No requests received.

Board Comments

Chair Sinks expressed his appreciation for the guest presentations on the heat pump water heater projects that were funded through the Climate Protection Grant Program.

Board Action

None; receive and file.

12. **Report of the Legislative Committee Meeting of June 25, 2020**

Legislative Committee Chair, Margaret Abe-Koga, read the following Committee report:

The Committee met on Thursday, June 25, 2020, under procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference. The Committee approved the minutes of May 27, 2020.

The Committee reviewed and discussed the staff presentation Sacramento Legislative/Budget Update, capturing various appropriations that are of interest to the Air District under Senate Bill 74, which was passed by the Legislature on June 15, 2020, and balances the State's Fiscal Year 2020-2021 Budget.

The Committee then reviewed and discussed the staff presentation Air District-Sponsored Bills, which provided updates on Assembly Bill 2882, which requires that private schools and charter schools meet the same siting requirements as public schools.

Finally, the Committee reviewed and discussed the staff presentation State Legislation Update. Among other bills of interest, Assemblymember Shirley Weber's Assembly Constitutional Amendment 5 was mentioned, proposing to repeal Proposition 209, a citizens' initiative approved in 1996, regarding prohibition against discrimination. The Committee requested that Air District staff bring this bill back to the Committee for further consideration, as this bill will be on the November ballot.

The next meeting of the Legislative Committee will be held on Wednesday, September 30, 2020, at 11:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. This concludes the Chair's Report of the Legislative Committee.

Public Comments

No requests received.

Board Comments

None.

Board Action

None; receive and file.

NOTED PRESENT: Director Kniss was noted present at 10:15 a.m.

13. Report of the Ad Hoc Committee on Equity, Access, and Inclusion Meeting of July 1, 2020

Ad Hoc Committee on Equity, Access, and Inclusion Chair, Davina Hurt, read the following Committee report:

The Committee met on Wednesday, July 1, 2020, under procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. Members of the committee participated by teleconference. The Committee approved the minutes of March 25, 2020.

Chair Hurt reported on the meeting that she, Board Chair Sinks, and Air District staff hosted for Bay Area environmental justice advocates on May 26, 2020. Communities represented included Vallejo, Bayview/Hunters Point, Richmond, and East and West Oakland. This meeting was held to foster a partnership between the Air District's Board of Directors' Ad Hoc Committee on Equity, Access, and Inclusion and representatives from impacted Bay Area communities who wish to share their experiences, struggles, priorities, and concerns.

The Committee then reviewed and discussed the staff presentation Consideration of Revised Ad Hoc Committee on Equity, Access, and Inclusion Charter. The Committee was presented with revised draft charter language since the Committee's first meeting in March 2020, and proposed one change. The Committee recommends the Board:

- 1. Approve the revised charter language, based on Committee comments at its March 25 and July 1, 2020 meetings.*

The Committee then reviewed and discussed the staff presentation Discussion of Key Deliverables of the Ad Hoc Committee on Equity, Access, and Inclusion. The key deliverables, once finalized, would be incorporated into a workplan for the Committee and Air District. Proposed Key Deliverables included the following: Development of a Community Advisory Committee, development of a Community Benefits Program, changes to the Permitting program to address communities with inequitable burden from air pollution, and a review of the process to select members of the Advisory Council.

The Committee then reviewed and discussed the presentation Environmental Justice, presented by Veronica Eady, Assistant Executive Officer for Environmental Justice at the California Air Resources Board, and incoming Deputy Executive Officer for Policy and Equity at the Air District, beginning in August.

Finally, the Committee reviewed and discussed the staff presentation Update on Office of Diversity, Equity, & Inclusion on Internal Efforts to Advance Racial Equity.

The next meeting of this committee will be held on Thursday, September 17, 2020, at 10:00 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. I move that the Board approve the Committee's recommendation. This concludes this committee's report.

Public Comments

Public comments were given by Jed Holtzman, 350 Bay Area.

Board Comments

The Board and staff discussed whether the Ad Hoc Committee should become a permanent/standing committee; by which process and when the newly-proposed Community Advisory Council is to be formed, and the prospective foci and representation of this body; the composition of other air districts' governing boards, some of which have a designated seat for a community member, and the legislative action that the Air District would need to take; the suggestion of researching how other public agencies are enhancing their social justice efforts; the need to target outreach to smaller or overlooked communities; the Sonoma County Board of Supervisors' approval of the creation of an Office of Equity to immediately focus on issues related to the disproportionate impact of COVID-19 on the Latinx and indigenous communities in the region; and the suggestion that the Board members share their local resources with the Air District, regarding community-based organizations.

Proposed Ad Hoc Committee on Equity, Access, and Inclusion Charter (based on revisions that Committee members made on March 25 and July 1, 2020):

“The Ad Hoc Committee on Equity, Access, and Inclusion will advise the Board of Directors regarding equitable and inclusive actions the Air District takes to create a healthy breathing environment for all people of the Bay Area, regardless of race, ethnicity, age, gender identity, national origin, immigration status, or sexual orientation. The Ad Hoc Committee will oversee staff efforts in developing policies for both internal and external operations, which impact the Bay Area.

Internal operations include applying an equity lens to programs, policies, practices and procedures related to staffing, recruitment, promotions, inclusive practices in the workplace, contracting for capital projects and services, and continuous racial equity training. External operations include addressing disparities by applying an equity lens to Air District programs, policies, practices, and procedures. The Committee will prioritize traditionally marginalized and disinvested communities for investment opportunities to ensure communities highly impacted by air pollution receive program and policy prioritization.”

Board Action

Director Hurt made a motion, seconded by Director Hudson, to **approve** the Revised Ad Hoc Committee on Equity, Access, and Inclusion Charter; and the motion **carried** by the following vote of the Board:

- AYES: Abe-Koga, Barrett, Bauters, Canepa, Chavez, Cutter, Gioia, Groom, Haggerty, Hudson, Hurt, Jue, Kniss, Miley, Mitchoff, Rice, Ross, Sinks, Wagenknecht, Wilson, Zane.
- NOES: None.
- ABSTAIN: None.
- ABSENT: Spering, Walton.

14. Report of the Advisory Council Meeting of May 12, 2020

Chair Sinks, who also serves as the Board Liaison to the Advisory Council, invited Advisory Council Chair, Stan Hayes, to give the presentation *Particulate Matter (PM) Symposium Status Report*, including: symposium context and overview; panelists; work products; Questions and Answers of the “Health Effects” and “Exposure and Risk” Panels; possible findings; evaluation of potential actions; and next steps. Chair Sinks then gave the following report:

The Council met on Tuesday, May 12, 2020, under procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. Members of the Council participated by teleconference. The Council approved the minutes of December 9, 2019.

The Council then received the staff presentation PM Symposium Overview. During this item, the Council reviewed answers to discussion questions that had been asked of the Health Effects Panel.

The Council then received the presentation Community Reflections from the February 27, 2020 Community Summit on PM. This presentation was given by Jed Holtzman of 350 Bay Area, and LaDonna Williams of All Positives Possible.

Finally, the Council discussed the staff presentation Update on Air District PM Potential Policy Strategies.

The next meeting of the Council will be held on Friday, July 31, 2020, at 9:00 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom. This concludes the Chair Report of the Advisory Council.

Public Comments

Public comments were given by Jed Holtzman, 350 Bay Area.

Board Comments

The Board and staff discussed the Air District’s disappointment with the United States Environmental Protection Agency’s proposal to keep NAAQS for PM at their current levels, rather than make them more stringent, and how the Air District plans to move forward, despite this decision; whether new technologies or strategies exist that can increase PM reduction; and whether the Council plans to review supersonic transport and associated aircraft greenhouse gas emission reductions.

Board Action

None; receive and file.

PRESENTATIONS

15. Spare the Air (STA) Advertising Campaign Video and Update

Kristine Roselius, Acting Communications Officer, gave the staff presentation *Spare the Air Advertising Campaign Video and Update*, featuring a video (English and Spanish versions) that promotes the benefits of working remotely.

Public Comments

No requests received.

Board Comments

The Board and staff discussed the intended target audience of the videos that were produced, the concern that not all demographics and situations were equally represented, and the suggestion of collecting feedback on the videos from members of varying communities in the Bay Area; the request for incentives for active transportation (human-powered methods of travel) and discounted transit fares under the STA program; the suggestion of including a link to the STA pledge for online versions of the videos; the need to connect policy to the STA messaging; the suggestion of identifying a quantifiable goal (number of vehicles off the road) associated with the STA program; the suggestion of utilizing an altruistic approach to encourage residents to take part in the STA program; the need to work with other regional agencies to reduce single-occupancy vehicles, and the suggestion of creating model policies for jurisdictions to adopt; and the suggestion of telling employers about the benefits of working remotely (for their employees and others).

Board Action

None; receive and file.

16. COVID-19 Shelter-in-Place and Changes in Particulate Matter_{2.5} (PM_{2.5}) Concentrations in the Bay Area

Wayne Kino, Deputy Air Pollution Control Officer of Operations, introduced Michael Flagg, Principal Air Quality Specialist, who gave the staff presentation *Air Quality During Shelter-In-Place*, including: overview; factors affecting air quality; estimates of emission reductions; PM_{2.5} Fixed Site Network; 2020 Daily PM_{2.5} timeseries; historical variation in daily PM_{2.5} and monthly averages; comparison to previous spring months; summary of observations; and challenges.

Public Comments

No requests received.

Committee Comments

Chair Sinks remarked that 69 Air District staff members presented at the Air & Waste Management Association's 113th Annual Conference (which was virtual for the first time this year) and this was one of the presentations given.

Committee Action

None; receive and file.

PUBLIC COMMENT ON NON-AGENDA MATTERS

17. Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3

Public comments, received via electronic mail, and read aloud by Vanessa Johnson, Manager of Executive Operations, were submitted by Jovita Mendoza, Brentwood resident.

BOARD MEMBERS' COMMENTS

18. Board Members' Comments

Vice Chair Chavez acknowledged Chair Sinks and Air District staff for launching the “Cut the Commute” pledge on July 13, 2020. This pledge asks Bay Area employers to extend remote work options for employees and maintain air quality progress, even after shelter-in-place orders are eased.

OTHER BUSINESS

19. Report of the Executive Officer/APCO

Mr. Broadbent announced the following:

- The Bay Area has not yet experienced any ozone exceedances in 2020, based on the NAAQS.
- The “Cut the Commute” press conference on July 13, 2020, was a great event and the Board will consider passing a resolution at the September 16, 2020 Board meeting.
- The Stationary Source Committee has requested a presentation on source testing and the Board might find this interesting as well.
- The Air District will donate 25 High-Efficiency Particulate Air filters to the American Red Cross in preparation for the approaching wildfire season.
- A reimbursement rate for Board members who bike to Air District meetings is under development and will be brought before the Board in the fall.
- Air District staff will work remotely through the remainder of 2020.

20. Chairperson's Report

Chair Sinks announced that no Board, nor committee meetings will occur in August.

21. Time and Place of Next Meeting

Wednesday, September 16, 2020, at 9:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

22. **Adjournment**

The meeting adjourned at 12:29 p.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Board Communications Received from July 15, 2020 through September 15, 2020

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Copies of communications directed to the Board of Directors received by the Air District from July 15, 2020 through September 15, 2020, if any, will be distributed to the Board Members by way of email.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Amanda Balneg
Reviewed by: Vanessa Johnson

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Notices of Violations Issued and Settlements in Excess of \$10,000 in the month of July
2020

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

In accordance with Resolution No. 2012-08, attached to this memorandum is a listing of all Notices of Violations issued, and all settlements for amounts in excess of \$10,000 during the calendar months prior to this report.

BUDGET CONSIDERATION/FINANCIAL IMPACT

The amounts of civil penalties collected are included in the Air District's general fund budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Brian C. Bunger

Attachment 5A: Notices of Violations for the Month of July 2020

AGENDA 5A - ATTACHMENT

NOTICES OF VIOLATIONS ISSUED

The following Notice(s) of Violations were issued in July 2020:

Alameda						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Living Home Construction	Z7769	Oakland	A59169A	7/8/2020	11-2-401.3	J# ASB114902 / App# 506284 Failure to Notify.
PW Stephens	Z7757	Hayward	A59481A	7/28/2020	4-301	4-2-303.6 - No Negative Air.
R&B Equipment	Z4338	Hayward	A58781A	7/2/2020	12-4-301	Sandblasting: Opacity limit exceeded (more than 20%).
R&B Equipment	Z4338	Hayward	A58781B	7/2/2020	12-4-306	USC of uncertified abrasive.
Schnitzer Steel Products Company	A0208	Oakland	A56077A	7/7/2020	5-301.1	Tin pile fire, no burn day.
Silverado Contractors	J1257	Oakland	A59133A	7/14/2020	11-2-401.3	No notification for demolition.

Contra Costa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Chevron Products Company	A0010	Richmond	A59425A	7/6/2020	10	Reg 11-10-304.1 Dev#5277 Cooling water tower monitoring violations.
Chevron Products Company	A0010	Richmond	A59426A	7/6/2020	CCR	Reg# 11-10-304.1 Dev# 5172 CWT return lines not monitored.
Chevron Products Company	A0010	Richmond	A59427A	7/6/2020	2-6-307	Dev# 5307 PC# 11024 part 3 TVP > 0.3 psi.
Chevron Products Company	A0010	Richmond	A59878A	7/6/2020	8-10-501	Dev# 5254 no PVD monitoring @ R1410L.
Chevron Products Company	A0010	Richmond	A59879A	7/6/2020	8-10-501	Dev# 5266 No initial PVD inspection on V550.

Chevron Products Company	A0010	Richmond	A59880A	7/6/2020	10	Reg# 8-10-300Dev# 5275 No PVD monitoring or records @ V800.
Chevron Products Company	A0010	Richmond	A59880B	7/6/2020	10	Reg# 8-10-500Dev# 5275 No PVD monitoring or records @ V800.
Eisen Environmental & Construction	Q7448	Concord	A59480A	7/2/2020	11-2-401.3	Failure to wait 10 days.
George Zumbro	Z7794	Pittsburg	A60028A	7/22/2020	5-301	Burning trash pile in yard.

Marin						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Equator Coffees, LLC	B5081	San Rafael	A59853A	7/6/2020	2-1-307	Permit Condition # 21838.

San Francisco						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
San Francisco Public Utilities Commission	A4116	San Francisco	A56602A	7/17/2020	2-1-307	Digester gas vented to atmosphere without abatement (flare).

San Mateo						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
5 Star Gas & Diesel	Z7758	Colma	A59322A	7/24/2020	2-1-307	Failure to conduct, pass, submit annual source test 2017 & 2018.
Almo Construction, Inc.	R9066	Redwood City	A59135A	7/16/2020	11-2-401.5	Inaccurate start date.
Double Time	Z7690	Belmont	A59321A	7/13/2020	2-1-307	1.Throughput in excess of limit. 2.2018, 2019 source test missing; 2020 late notification.

Santa Clara						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comment
Rebuild Green	V0408	Palo Alto	A59134A	7/15/2020	11-2-401.5	Inaccurate start date.

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There were five settlement(s) for \$10,000 or more completed in July 2020.

1) On July 6, 2020, the Air District reached settlement with BoDean Company Inc for \$25,000, regarding the allegations contained in the following one Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A58166A	6/27/2019	10/1/2017	2-1-307	Violation of permit condition #25461.

2) On July 9, 2020, the Air District reached settlement with Select Tech, Inc. dba Select Environmental for \$10,500, regarding the allegations contained in the following one Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A59462A	1/21/2020	1/16/2020	11-2-303	Section # 303.1 and 303.6.
A59462B	1/21/2020	1/16/2020	11-2-304	Section # 304.1.

3) On July 19, 2020, the Air District reached settlement with Miu Jue for \$12,500, regarding the allegations contained in the following one Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A59457A	10/1/2019	7/31/2019	11-2-303.1	No wetting.
A59457B	10/1/2019	7/31/2019	11-2-303.6	No containment.
A59457C	10/1/2019	7/31/2019	11-2-303.8	No survey.
A59457D	10/1/2019	7/31/2019	11-2-303.9	No on-site representative.
A59457E	10/1/2019	7/31/2019	11-2-304.1	Unbagged RACM waste.

4) On July 21, 2020, Air the District reached settlement with TransMontaigne Operating Company LP for \$14,000, regarding the allegations contained in the following one Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56037A	11/17/2017	10/6/2017	8-33-309.5	vapor recovery hoses at line # 1&2 leaking >3000ppm.
A56037B	11/17/2017		8-33-305	vapor recovery hoses at line # 1&2 leaking >3000ppm.

5) On July 24, 2020, the Air District reached settlement with Children’s Hospital, Oakland for \$10,000, regarding the allegations contained in the following one Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56337A	6/22/2017	6/22/2017	2-1-301	No Authority to Construct. S#3, S#7 & S#8 De-rated 2012.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Air District Personnel on Out-of-State Business Travel

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In accordance with Section 5.4 (b) of the District's Administrative Code, Fiscal Policies and Procedures Section, the Board is hereby notified of District personnel who have traveled on out-of-state business.

The report covers the out-of-state business travel for the month of August 2020. The monthly out-of-state business travel report is presented in the months following travel completion.

DISCUSSION

There were no out-of-state business travel activities that occurred in the month of August 2020.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Stephanie Osaze
Reviewed by: Jeff McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Quarterly Report of the Executive Office and Division Activities for the Months of
April 2020 – June 2020

**ADMINISTRATIVE RESOURCES DIVISION
M. MARTINEZ, DIRECTOR**

Human Resources

The Human Resources (HR) Office conducted eight (8) recruitments, including exams for: Deputy Executive Officer, Hearing Board Member, Information Systems Manager, Principal Environmental Planner, Senior Air Quality Inspector, Senior Air Quality Instrument Specialist, Senior Staff Specialist, and Temporary Accounting Assistant. The HR Office offered four (4) training sessions, including: Microsoft Teams, Thriving in Chaos, Maximizing Supervisory Skills, and Situational Leadership II. In addition, employees have taken over 120 online training courses. The HR Office continues to administer payroll, benefits, safety/worker's compensation, labor/employee relations, and wellness activities. There are currently 389 regular employees, nine (9) temporary employees, and 16 budgeted vacant positions. There were five (5) new employees, seven (7) promotions, and two (2) separations from April 2020 to June 2020.

Business Office

The Business Office issued 688 purchase orders and executed 134 contracts. There were three (3) requests for proposals/qualifications issued during this period.

Fleet and Facilities Office

Fleet disposed of zero (0) vehicles, acquired six (6) vehicles, and facilitated the maintenance, repair, and/or auto body work for 35 vehicles. There were five (5) vehicle requests (comprised of three (3) Metropolitan Transportation Commission and two (2) Air District), of which one (1) was a pool vehicle, two (2) were Enterprise car rentals and two (2) cancellations. There are currently 136 fleet vehicles: Two (2) electric, three (3) hydrogen fuel cell, 90 plug-in hybrids, 23 gas, and 18 hybrids. There are no compressed natural gas vehicles in the fleet at this time.

Facilities received 26 Angus requests, facilitated six (6) furniture orders, and completed 36 ad-hoc projects/tasks, including 11 at Headquarters (HQ) East and 17 at various Air District offices/sites. Facilities also performs daily maintenance of the coffee machines, replenishes coffee and tea supplies in the Air District coffee bar and pantries, and replenishes office supplies in the copy/supply rooms at both HQ East and Beale.

**COMPLIANCE AND ENFORCEMENT DIVISION
J. GOVE, DIRECTOR**

Enforcement Program

Air District's Compliance and Enforcement (C&E) Staff documented 42 air pollution violations that resulted in Notices of Violations (NOV) and responded to 588 general air pollution complaints. These activities addressed noncompliance with applicable Federal, State, and Air District regulations, and provided a mechanism for the public to voice their concerns about air pollution issues that might be in noncompliance status. Additionally, highlighted enforcement activities for the quarter are as follows:

- On March 10, 2020, the City Manager for the City of Richmond sent a letter to the Air District formally requesting the posting of Chevron's Flare Causal Analysis reports on the Air District's website as soon as practicable for public transparency. Air District staff has created a page on the District's website (<https://www.baaqmd.gov/about-air-quality/research-and-data/flare-data/flare-causal-reports>) for posting these reports which includes all refinery flare causal reports submitted to the Air District since January 1, 2019 forward.
- In May, Zero Waste Energy Development (ZWED) and Newby Island Landfill Material Recovery Facility (MRF) entered into a franchise agreement that allows organic wet waste (food waste) to be directly delivered to ZWED until 2032. The contract establishes monthly limits on the amount material that will be trucked to and processed by ZWED which is anticipated by both facilities to comply with ZWED's permit allowances. Contamination such as unwanted garbage, plastics and cardboard will be trucked back to Newby Island Landfill for disposal.
- On May 2, 2020, a subsurface oxidation event at Newby Island Landfill was discovered after smoke was detected during routine wellfield monitoring. Republic Services took immediate corrective actions to shut down the wells within a 300-foot radius to contain the area affected. The root cause of the event is believed to be the result of air intrusion near an area involving recent landfill gas well construction. Staff are evaluating the potential causes of the subsurface oxidation event to ensure the facility implements adequate prevention measures to prevent future oxidation events.

- On May 8, 2020, C&E staff observed a source test, at the request of the Environmental Protection Agency (EPA) Region 9, of Valero's Flue Gas Scrubber (FGS) to establish whether the facility could maintain compliance with opacity limits at low firing rates during the COVID-19 pandemic. Staff verified that the proper testing methods and parameters were employed by the contractor (Montrose) during the test. Staff will coordinate with EPA for any further actions necessary when the results of the source test are submitted.
- On May 14, 2020, the Air District issued a Request for Proposals (RFP) for Agricultural Waste and Wildfire Prevention Chipping services. While the Air District's Agricultural Waste Chipping program has been in service for several years, the Wildfire Prevention Chipping program will be a new pilot program designed to assist property owners that are engaged in lowering wildfire risk through fuel load reduction. Chipping in lieu of open burning material from agricultural waste and wildfire prevention operations significantly reduces emissions of particulate matter (PM) from Bay Area skies as compared to open burning. Contracts for both programs are expected to be signed by late 3rd quarter.
- On May 25, 2020, a fire ignited near the Material Recovery Facility (MRF) at Newby Island Landfill. Air District on-call staff were alerted to the fire and conducted an investigation in the area. The city of Milpitas, San Jose, and Fremont Fire Departments responded to the MRF fire. Fire investigations could not pinpoint the exact cause of the fire but believe it to be from a battery that caught fire on the sort line that ignited paper bales and plastic recyclables stored outside the MRF building. No complaints were received as a result of the incident.
- On June 11, 2020, AB&I Foundry was issued a Public Nuisance violation for odor complaints, traced, and confirmed to the facility. Air District Inspection staff have been coordinating with the California Air Resources Board (CARB) to conduct joint odor complaint investigations in East Oakland that allege AB&I Foundry since the recent violation and those efforts will continue, once per week with CARB inspectors.
- On June 12, 2020, a public exhibition open burn was conducted in Saratoga to demonstrate the performance of an artificial intelligence-based fire detection camera system. The Department of Homeland selected, sensor technology prototype was to be evaluated for its potential uses to combat wildfires that impact urban areas. Unfortunately, due to poor design of the burn cages, the cameras were unable to detect the flames. A subsequent test will be rescheduled for a later date.
- On June 17, 2020, Air District Inspectors responded to a fire at Schnitzer Steel Products Company, a metal recycler and auto shredder located in Oakland. The fire was contained quickly due to efforts by the Oakland Fire Department and facility operators to disperse and separate stockpiled materials. Investigations identified that the fire had started in the tin feedstock pile, however the cause of the fire remains undetermined. The fire occurred on an Air District No Burn Day and staff issued a violation notice for Regulation 5, Open Burning. Staff conducted a compliance inspection following the fire and determined that the facility had been conducting fire prevention measures such as regularly watering down, conducting routine temperature monitoring and onsite monitoring for hotspots through 24-hr infrared

cameras to monitor stockpile temperatures. Staff worked with the Enforcement staff of the Department of Toxic Substances and Control (DTSC) who also issued violation notices for the occurrence of the fire. The Air District did not receive any complaints from the neighboring West and East Oakland communities during the fire.

- Staff participated in monthly conference calls with Lehigh Southwest Cement (Lehigh) representatives to discuss ongoing compliance and permitting issues at the cement manufacturing facility. Staff also learned that Lehigh had significantly reduced its operations due to the economic slowdown caused by the pandemic.

Compliance Assurance

Air District Staff conducted over 1,203 inspections of permitted facilities, gasoline dispensing stations, asbestos demolition and renovation jobs, open burning, portable equipment, and mobile sources. Additionally, highlighted inspection activities for the quarter are as follows:

- On April 23, 2020, staff participated in a conference call with representatives from CalFire's San Mateo/Santa Cruz and Santa Clara units to provide them with details of changes made to the Air District's Smoke Management Plan (SMP) procedures. The revised procedures were emailed to active SMP projects on April 27, 2020.
- On April 30, 2020, staff participated in the monthly conference call with the California Air Pollution Control Officers Association (CAPCOA) Prescribed Burn Workgroup. Meeting participants included representatives from CAPCOA, CARB, United States EPA, and other local air districts.
- Staff held monthly conference calls with CARB to integrate the Air District's existing prescribed burn and smoke management plan procedures into the statewide Prescribed Fire Information Reporting System (PFIRS). Integration was completed to the point that staff were now testing the system internally and working with CARB to iron out programming issues. Staff plans to test the system with public agencies by the end of the year.
- Staff approved seven (7) Asbestos Dust Mitigation Plans (ADMP) for the following construction projects subject to CARB'S naturally occurring asbestos (NOA) Air Toxic Control Measure (ATCM): 1) RIN NOA-0189 1550 Evans Avenue Project in San Francisco, 2) RIN NOA-0182 Ersted-Tennyson Property Project in Hayward, 3) RIN NOA-0200 4057 Jefferson Ave Project in Emerald Lake Hills, 4) RIN NOA-0197 Harbor Pointe Project in Newark, 5) RIN NOA-0201 UCSF Zuckerberg Hospital Project in San Francisco, 6) RIN NOA-0191 Hunters View Phase 3 Project in San Francisco, and 7) RIN NOA-0202 Upper York Creek Ecosystem Restoration and Aquatic Habitat Enhancement Project in St. Helena. These NOA projects were required to perform asbestos ambient perimeter air monitoring and submit results to the Air District on a bi-weekly basis. In addition, staff approved two (2) ADMP amendment requests.

Compliance Assistance and Operations Program

Air District Staff received and evaluated over 1,532 plans, petitions, and notifications required by the asbestos, coatings, open burn, tank, and flare regulations. Staff received and responded to over 48 compliance assistance inquiries and green business review requests. Highlighted compliance assistance activities for the quarter also included the following:

- Over the last quarter, staff have been working with the AB 617 West Oakland Co-leads, Steering Committee and Air District Planning and Community Engagement staff to develop outreach material that addresses indoor and outdoor burning concerns in the community. Staff have been working closely with the West Oakland Co-Leads to understand air quality concerns and identify strategies to help the community. The development of specific outreach material will discourage indoor and outdoor burning and highlight the health impacts of fine particulate matter and cleaner heating options available. The brochure also provides the Air District Complaint Hotline and Woodsmoke Hotline for the public to notify the Air District of air quality concerns and complaints. The AB 617 Co-leads and Steering Committee members have well received the strategy. Once finalized, the information will be passed out by community representatives.
- Following a series of public workshops in the first quarter to solicit public input on how to improve our Air Quality Complaint Guidelines, staff are continuing efforts to update the policy in the second quarter. Staff are also working with the Communications Division and Production System teams to update the Air Quality Complaint Reporting System, online webpage, Air Quality Complaint brochure and develop a series of short videos to help facilitate a more comprehensive understanding of the complaint investigation process. These enhancements will help address community concerns over confidentiality, language interpretation needs for non-English speakers, racial equity, and provide clarity and transparency to our investigation and enforcement processes.
- Air District staff approved seven (7) prescribed burn smoke management plans in Alameda, Contra Costa, Napa, Santa Clara, Solano, and Sonoma County.
- Air District staff completed the data verification and posting of refinery flare monitoring data through January.

Air District staff conducted the following inspections for the Strategic Incentives Division (SID): 76 projects and 259 engines.

TECHNOLOGY IMPLEMENTATION OFFICE
A. FOURNIER, OFFICER

The mission of the Technology Implementation Office (TIO) is to provide financial incentives, technical services, and matchmaking support that speeds development and deployment of climate technologies in the Bay Area.

Climate Tech Finance (www.baaqmd.gov/ctf)

Climate Tech Finance uses innovative financial instruments to encourage commercialization and adoption of emerging and lower-carbon technologies. Our current suite of products is offered through a unique partnership between the Air District and the California Infrastructure and Economic Development Bank (IBank).

To support climate tech commercialization, the Air District works with IBank's Small Business Finance Center to offer a first-of-its-kind loan guarantee. This de-risking insurance will pay a commercial lender up to 90% of a loan value, to a maximum of \$2.5 million (M), in case of a default on a loan made to a technology venture bringing new climate tech to market. (The standard loan guarantee offered through this program is 80% up to \$1 million.) This loan guarantee enhances the credit of technology startups bringing promising new tech to market and increases their access to working capital that can fuel their growth. The Air District markets and develops these loan guarantees in close cooperation with NorCal Financial Development Corporation (NorCal FDC), a regional affiliate of IBank.

The first Climate Tech Finance venture fully funded using a loan guarantee is SWITCH Maritime in the second quarter of 2020. SWITCH is building the first hydrogen fuel cell ferry in the United States, which will go into commercial service on San Francisco Bay on an Oakland-San Francisco route later this year. The following six (6) projects have also been approved for a Climate Tech Finance loan guarantee and are in varying stages of loan development:

- An energy management software and solar-battery system integration that is used to create microgrids at municipal facilities around the Bay Area;
- A production facility in Pittsburg that will recover carbon dioxide from flue gas and sequester it in synthetic limestone and recycled concrete;
- An energy efficient cooling technology that decreases air conditioning energy demand in data centers by up to 75%;
- A residential energy storage technology that reduces peak electricity usage and prevent diesel backup power;
- An energy storage technology that integrates solar power generation with battery-boosted electric vehicle fast charging; and

- An energy recovery and electricity production system at the Port of Oakland that supplies low-carbon power and improves port resilience.

Staff are in conversation with another half dozen promising leads and a dozen additional prospective users of this program. These small business technology ventures are in bioplastics, energy management, construction, transportation, and resource recovery spaces.

To support adoption, Climate Tech Finance lends money to public organizations for projects that integrate new technologies that reduce greenhouse gases into Bay Area infrastructure. These loans of up to \$30M are supported through IBank's existing infrastructure loan programs. Each loan can be subsidized with a 0% interest capital contribution from the Air District to encourage climate tech adoption. The City of San Leandro is the most promising partner for a loan made through this program. The City's public works division is looking to fund a \$7.6M resiliency and microgrid project at their wastewater treatment plant and is in pre-application discussion with Climate Tech Finance about a loan for this project. Over the last year Air District staff have marketed these loans to all Bay Area wastewater treatment plants and have been in discussions with a dozen local jurisdictions about using them to finance their projects.

Clean Cars for All.

Clean Cars for All (CCFA) incentivizes income-qualified households to replace older, higher-emission vehicles with a newer, cleaner vehicle or alternative transportation options (e.g. public transit passes). (www.baaqmd.gov/cleancarsforall)

- To date, the Air District has received \$11.9M in program and administrative resources to implement CCFA. CCFA funding has come from the California Climate Investments (CCI) and Volkswagen Settlement (VW) administrated by CARB.
- TIO submitted an implementation plan to CARB for the addition of electric bikes (e-bikes) to the mobility options offered by CCFA. This new option will be offered to grantees as soon as CARB approves our plan.
- From April 2019 through June 2020, CCFA funded 328 vehicle purchases, six (6) public transit cards, and 28 home charging stations totaling \$2.8M.
- Of the vehicles purchased to date, 25 percent were battery electric vehicles (BEV), 54 percent were plug-in hybrid electric vehicles (PHEV), 21 percent were conventional hybrid vehicles, and three percent (3) were hydrogen fuel cell vehicles (FCEV).

Clean Cars for All Program Key Performance Indicators (KPI)

Clean Cars for All Program KPI Totals to Date (2019-2020)	
Total budget	\$11.9M
Total available	\$1.8M (i.e. not awarded)
Applications received	1,232
Funds awarded	\$7.9M / 943 grantees
Funds paid	\$6.1M / 756 grantees
Clean Cars for All Program KPI Totals During Quarter two (2) of 2020	
Applications received	404
Funds awarded	\$3.4M / 399 grants
Funds paid	\$2.8 / 362 grants

The quarterly totals in the table above reflect a greater than 40 percent increase in output over the first quarter this year.

Charge! Program for Electric Vehicle (EV) Infrastructure

Charge! provides grants for installation of light-duty electric vehicle charging infrastructure, focusing on expanding the coverage of charging stations, especially in multi-unit dwellings and along transportation corridors. (www.baaqmd.gov/charge)

- Staff continue to administer and monitor current Charge! program projects for compliance.
- Staff are migrating the Charge! program to the Fluxx online grants management system.
- Staff are working with partner organizations to coordinate launch of Charge! with other EV infrastructure incentive programs. The next anticipated funding launch is winter 2020.

Charge! Program KPI Totals to Date (Calendar Year 2019) – program not currently open	
Total budget	\$5,000,000
Applications received	76
Funds awarded	\$5,193,305
Funds paid	\$53,803

High-Mileage Fleets

High-Mileage Fleets offsets a portion of the cost of purchasing or leasing new light- and medium-duty zero-emissions vehicles (ZEV) for very high mileage fleets. The program funds up to \$5,000 or 90% of the cost to purchase or lease a new ZEV, whichever is lower, for vehicles that drive a minimum of 41,000 miles per year.

- On June 8, 2020 staff opened the program solicitation and began conducting outreach activities to encourage a wide range of applicants. The program closure date is July 15, 2020.

- Two (2) applications have been received: one (1) from Flexdrive Services, LLC (a subsidiary of Lyft) for \$1.5M, and one (1) from MobileIron for \$15,000. The MobileIron application was rejected as ineligible on June 22, 2020.

High-Mileage Fleets Program KPI Totals to Date (Calendar Year 2020) – program not currently open

Total budget	\$2,000,000
Applications received	2
Funds awarded	\$0
Funds paid	\$0

Outreach and Partnerships

The Air District received \$5M in funding over five years from CalTrans and the Federal Highway Administration for EV Outreach and Partnerships. This funding will support staff time, contractor services, and other resources to expand our EV outreach and partnerships work and enhance our light-duty EV incentives programs.

- The Center for Sustainable Energy completed their work under a contract for EV Market Research and Survey work that included collecting data on Bay Area resident and businesses sentiments and on barriers to EV and EV charging adoption. Initial results were shared with the TIO Steering Committee in May 2020. Results of the research and surveys are planned for incorporation into the EV Acceleration Plan.
- Staff is waiting for data on vehicle registrations from the California Department of Motor Vehicles (DMV) to finalize the first draft of the Bay Area EV Acceleration Plan, which will likely be delayed in light of various procedural hurdles.

Sponsorships and Conferences

To support technology matchmaking, Air District staff are developing our second Climate Tech Marketplace technology showcase. This entirely online exposition will bring together technologists, investors, and representatives of local government for technology co-learning discussion. This event will be held on October 22, 2020.

TIO continues to organize the Bay Area EV Coordinating Council and convene quarterly networking, coordinating, and information sharing events for public agencies, companies, and non-profit organizations to accelerate EV adoption in the Bay Area. The first virtual EV Council Meeting was held on June 12, 2020, with speakers from IHS Marketplace, Forth, Bloomberg, and Green Cars Reports. The meeting focused on the impacts of COVID 19 on the EV market and mobility more broadly.

To engage around current technology trends, TIO staff presented at, and attended the following interactive events:

- Mark Tang gave a presentation at the *Air & Waste Management Association* Conference titled “[Moving Beyond the Early Adopters: Charging Infrastructure for the Future.](#)”

- Chad White and Tamara Kohne attended *Elemental Exceclerator Interactive*, an online technology expo with climate tech entrepreneurs on May 14, 2020.
- Rebecca Fisher will present results from the Market Research and Surveys with the Center for Sustainable Energy at the virtual Behavior, Energy, and Climate Change (BECC) conference in December 2020.

**ENGINEERING DIVISION
P. LEONG, DIRECTOR**

COVID-19 Permits

Cypress Lawn Cemetery Association (Colma): On June 12, 2020, the Air District issued a Change of Conditions permit to allow an increase in the daily cremation rate for Cypress Lawn Cemetery Association in Colma, CA. This request was submitted due to the COVID-19 virus outbreak.

California Environmental Quality Act (CEQA) Projects

Schnitzer Steel’s Ocean-Going Vessel (OGV) Increase Project (Oakland): Schnitzer Steel submitted Air District Permit Application # 29411 to increase the allowable number of OGVs transporting materials from Schnitzer Steel’s scrap metal recycling facility in Oakland, California from 26 ship calls per calendar year to 32 ship calls per calendar year. Recently, smaller ships and partially loaded ships have been used to transport Schnitzer Steel’s scrap metal, resulting in the need to have more ship calls per year to transport the same amount of material. This application will not change any of the existing throughput limits at this facility. The Air District is the Lead Agency under CEQA for this Schnitzer Steel permit application. The Air District has contracted with Environmental Audit, Inc. to conduct the CEQA review and prepare the CEQA documentation for this project. The Air District held a kick-off meeting with the contractor on May 13, 2020.

Permits and Projects

Lehigh Southwest Cement Company (Cupertino): Lehigh Southwest Cement Company (Lehigh) applied for a temporary Permit to Operate a clinker conveyor system. On January 30, 2020, the roofing structure above an existing belt conveyor collapsed. While the structural damage and existing conveyor are being repaired, Lehigh has been operating a temporary conveyor system (S-1100) since February 25, 2020 under Emergency Variance Docket No. 3722 and under a Compliance Agreement (entered into on March 9, 2020) valid until August 25, 2020. The temporary Permit to Operate expired on May 25, 2020. As repairs could not be completed by the expiration date, Lehigh applied for a permanent Permit to Operate for S-1100. A Notice of Exemption was filed with the Santa Clara County and the Temporary Permit to Operate was issued on April 13, 2020.

Lehigh Southwest Cement Company (Cupertino): On May 15, 2020, the Air District issued the Authority to Construct for portable aggregate processing equipment (crushers, screens, and conveyors) to be located at Rock Plant No. 3. Lehigh currently holds permits for various aggregate processing equipment to process up to 2,500,000 tons of material per year. The permitted equipment has been idle since 2014 and is inoperable due to lack of maintenance. In lieu of using existing crushers, conveyors and screens, Lehigh's new portable equipment will process up to 500,000 tons of material per year and will not be allowed to operate at the same time with existing crushers, conveyors, and screens.

Tesla, Inc. (Kato Road, Fremont): Tesla, Inc. applied for a Permit to Operate for a facility-wide wipe cleaning operation to support activities at the Kato Road, Fremont facility. The Permit to Operate was issued on April 14, 2020.

Tesla (Fremont Factory): Tesla proposed to install a new coating line in the existing South Paint Shop located at their vehicle assembly plant in Fremont. The project will result in more than 40 tons per year of precursor organic compound emission increases and is therefore a major modification at a major facility. A Public Notice was published in the local newspaper and a 30-day public comment period ended on March 16, 2020. Only one comment, which was from EPA, was received. The Authorities to Construct for the sources at the new coating line were issued on June 5, 2020.

San Jose-Santa Clara Regional Wastewater Facility (San Jose): San Jose-Santa Clara Regional Wastewater applied for an Authority to Construct for an alteration of the Preliminary Treatment system. The alteration is a replacement of the main headworks and the installation of a bio tower to control the new main headworks. There will be no increase in capacity. The Authority to Construct was issued on April 29, 2020. A Notice of Exemption was filed with the Clerk for the County of Santa Clara.

Impact Transportation (Oakland): On May 5, 2020, the Air District issued the Authority to Construct for a methyl bromide fumigation project to be located at the Port of Oakland. The Alameda County Agriculture Department, which acted as the lead agency with respect to CEQA, issued the facility a Restricted Materials Permit on November 20, 2019. The Restricted Materials and Permitting Program, created by the California Department of Pesticide Regulations and implemented by the county agricultural commissioner, is considered an Environmental Impact Report (EIR) equivalent with regards to CEQA and is a certified program substitute as listed under 14 CCR Section 15251(i).

RagingWire SV1 Data Center (Santa Clara): On April 2, 2020, an Authority to Construct was issued for the RagingWire Data Centers Inc., a 27-MW data center in Santa Clara consisting of ten 3.5-MW emergency backup power generators and one 1.1-MW emergency life-safety power generator. The City of Santa Clara prepared a CEQA Initial Study and a Mitigated Negative Declaration for this project last year. A Notice of Determination for CEQA was filed with the county of Santa Clara on April 7, 2020.

China Mobile International Data Center (San Jose): On April 23, 2020, an Authority to Construct was issued for the China Mobile International Data Center that will include fifteen 3.5 MW emergency backup power generators. The City of San Jose is the Lead Agency for CEQA for this project and it determined that the environmental impacts of the project were addressed by the Edenvale Redevelopment Project Final EIR (SCH # 1996052098) and Envision San Jose 2040 General Plan Final Environmental Impact Report” (SCH # 2009072096).

Sequoia Data Center (Santa Clara): On June 5, 2020, Engineering staff called in and testified at the California Energy Commission (CEC) evidentiary hearing for the Sequoia Data Center located in Santa Clara. The data center will include, at full build-out, fifty-four 2.4-MW standby diesel generator sets. Staff called in to answer potential questions from project staff, CEC staff, CEC presiding commissioners, and intervenors on Air District permitting procedures and regulations for large diesel generators.

Walsh Data Center (Santa Clara): On May 27, 2020, Engineering staff called in and testified at the CEC evidentiary hearing for the Walsh Data Center located in Santa Clara. The data center will include, at full build-out, thirty-two 3-MW standby diesel generator sets. Staff called in to answer potential questions from project staff, CEC staff, CEC presiding commissioners, and intervenors on Air District permitting procedures and regulations for large diesel generators.

Mission College Data Center (Santa Clara): On June 15, 2020, Engineering staff called in and testified at the CEC evidentiary hearing for the Mission College Data Center located in Santa Clara. The data center will include, at full build-out, forty-three 2.5-MW standby diesel generator sets. Staff called in to answer potential questions from project staff, CEC staff, CEC presiding commissioners, and intervenors on Air District permitting procedures and regulations for large standby diesel generators.

Cancellation of Title V status for City of Palo Alto wastewater treatment plant and landfill: The Title V status for Plant 617, City of Palo Alto Wastewater Treatment Plant, and the Title V permit for Plant 2721, City of Palo Alto Landfill, were cancelled on May 7, 2020. These plants are one facility because they are contiguous and have the same owner. The Air District was able to cancel the Title V status for both plants because the plants no longer have sources defined as “designated” by the Title V regulations and because their combined potential to emit is below the major source thresholds.

Lehigh Southwest Cement Company (Cupertino): On May 5, 2020, the Title V renewal permit was issued for this facility.

Los Medanos Energy Center (Pittsburg): On May 7, 2020, the Title V renewal permit was issued for this facility.

National Association of Clean Air Agencies (NACAA): On April 8, 2020 and June 10, 2020, staff participated in the NACAA Permitting and New Source Review Committee monthly conference calls. During the April call, EPA presented and discussed its Draft Guidance: Interpretation of “Begin Actual Construction” under the New Source Review Preconstruction Permitting Regulations. During the June call, EPA presented the status of its new system for

electronic submission of Title V reports (such as semi-annual monitoring reports, deviation notifications, annual compliance certifications, and Title V applications) via CEDRI (Compliance and Emissions Data Reporting Interface). CEDRI is a tool that can be used by permittees to electronically submit Title V reports to EPA. On April 14, 2020, staff participated in a NACAA conference call devoted to COVID-19 Impacts on state/local air agencies. Over 250 individuals from across the country attended this event to discuss how agencies have changed operations in response to COVID-19.

CAPCOA: On April 27, 2020 and April 28, 2020, staff participated in a conference call of the CAPCOA Engineering Managers Committee. At the meeting, CARB gave an update on its permitting programs and its AB 617 activities and EPA gave a regulatory update. The air districts discussed CARB's Criteria Pollutants and Toxic Air Contaminants Reporting Regulation and the progress on the sector workgroups for emission reporting uniformity. The committee also discussed plans for a virtual CAPCOA Engineering and Toxics Symposium scheduled for October 2020.

EPA Section 105 Grant: On April 20, 2020, staff submitted the Air District's EPA Section 105 Grant Mid-Year Report to EPA. The Air District's 105 Grant Agreement with EPA requires annual submittal of mid-year and year-end progress reports to EPA. The report covers the Air District's 105 Grant activities from October 1, 2019 to March 31, 2020.

Rule Development and Implementation

Amendments to Regulation 3: Fees: The Air District has proposed amendments to Regulation 3: Fees. The first Board Hearing to hear public testimony on the proposed amendments was held on April 15, 2020. The original pre-pandemic fee amendment proposal was presented to the Board of Directors and potential changes to the amendments were discussed. The Budget and Finance Committee held meetings on April 22, 2020 and April 29, 2020 to discuss proposed permit fee change options to recommend to the Board of Directors. At the April 29, 2020 meeting, the Budget and Finance Committee voted to recommend the following: no increase in current fee schedules, a new AB 617 fee to be paid by Title V facilities, and reevaluation of the economy and financial impacts of the COVID-19 pandemic at the October 2020 Budget and Finance Committee Meeting to reconsider fees.

At the May 6, 2020, Board Hearing, the full Board discussed the Budget and Finance Committee's recommendation and recommended continued discussion at a May 20, 2020 Budget and Finance Committee Meeting. On May 20, 2020, after further discussion of the state of the economy, fees, and the proposed FYE 2021 budget, the Budget and Finance Committee voted again to recommend no increase in current fee schedules, a new AB 617 fee to be paid by Title V facility owners, and reevaluation of the economy and financial impacts of the COVID-19 pandemic in October 2020. At the June 3, 2020, Board Hearing, the Board of Directors voted to approve the Budget and Finance Committee's recommendation and adopted a new Assembly Bill 617 fee to be paid by Title V facility owners.

Regulation 11, Rule 18, Reduction of Risk from Air Toxic Emissions at Existing Facilities:

The Air District updated the Facility Risk Reduction Program web page by adding a searchable table of the Phase I facilities in May 2020. The table includes information on the current review status for each site and will include the health risk assessment reports and risk reduction plans as these are posted for public comment. A Frequently Asked Questions document for Regulation 11-18 Health Risk Assessment (HRAs) and a Toxics Programs Glossary were posted to the web site in June 2020. Email blasts were sent out on June 11, 2020 to notify the public about these posts and invite comment on the first HRA Report, which was for Irvington Memorial Cemetery.

Staff provided an update on the Regulation 11-18 implementation status to the Stationary Source Committee on June 17, 2020. Data validation has been completed for about one third of the Phase I facilities. The Air District posted the first HRA for public comment on June 9, 2020. During the next three months, staff will finalize the HRA for Irvington Memorial Cemetery and post the City of Santa Clara HRA for public comment. Staff plans to send six more preliminary HRAs to facilities for comments and to initiate HRAs for twelve more Phase I facilities. During the next six to twelve months, staff expects to initiate the remaining thirteen HRAs for Phase I facilities. Staff also plans to initiate data collection for the Phase II sites that have prioritization scores greater than 100.

A preliminary HRA report was sent to Owens Corning Insulating Systems (OCIS) on March 25, 2020. Staff has had several conference calls with OCIS to discuss emission inventory revisions and other facility comments regarding this HRA. Staff will make appropriate changes to this HRA before it is posted for public comment.

The Air District sent an emissions inventory and emissions release parameter data request to Schnitzer Steel on April 1, 2020. This is the first step in the process for conducting a site wide HRA for this facility. Information is due on July 31, 2020.

The draft HRA for Irvington Memorial Cemetery was posted to the Air District's web site on June 9, 2020. The Air District expects that a risk reduction plan will be required for this facility, but public comments will be considered before this HRA is finalized. The public comment period opened on June 12, 2020 and continues through July 28, 2020.

The draft HRA for City of Santa Clara was posted on the web site on July 20, 2020. The public comment period will open on July 29, 2020.

Staff has completed a preliminary HRA for AB&I Foundry and plans to send it to the site for the 90-day review period by the end of July.

HRAs are in progress for Los Medanos Energy Center, Genentech, FXI, Inc., City of Palo Alto Landfill, Clover Flat Resources and Recovery Park, Republic Services of Sonoma County, PCC Structurals, and Eco Services Operations Corporation.

Regulation 12, Rule 15, Petroleum Refining Emissions Tracking: On April 14, 2020, and April 15, 2020, the petroleum refineries and their support facilities submitted emissions inventories as required by the regulation. On May 28, 2020 and May 29, 2020, staff provided each facility a list of deficiencies and necessary corrections to be made before the emissions inventories could be approved. On June 17, 2020, four (4) support facilities (Air Products, Air Liquide, Martinez Cogen, and Chemtrade Logistics) provided responses to the deficiencies and submitted revised emissions inventories. On July 8, 2020 and July 10, 2020, staff notified the four (4) support facilities that their revised emissions inventories could not be approved as submitted. On July 17, 2020 and July 21, 2020, the Marathon Martinez Refinery and Valero Benicia Refinery submitted responses to their identified deficiencies and revised emissions inventory. Staff is in the process of reviewing the responses to determine whether the revised inventory may be approved, disapproved, or approved with corrections.

On July 13, 2020, proposed revisions to the July 2019 Petroleum Refinery Emissions Inventory Guidelines were posted on the Air District's website and affected facilities and interested stakeholders were notified via either an e-blast or through e-mails sent to individual parties/organizations. Comments will be accepted on the revised Guidelines until September 11, 2020 as required by the regulation.

Heavy Liquids Study: Staff is working with Legal, Enforcement, and Rule Development to address a path forward for developing revised average emission factors for fugitive emission leaks from heavy liquid service components. All five refineries finished screening and bagging of study components and analytical lab results were reviewed by the Source Test Section. Staff is participating on a biweekly conference call with Western States Petroleum Association's technical personnel to discuss methodologies for developing revised average emission factors.

AB 617 Criteria and Toxics Reporting Rule Uniform Emissions Inventory Workgroups: AB 617, approved by the legislature in 2017, initiated a statewide effort to improve health in communities most affected by air pollution by identifying and reducing those sources of air pollution. Staff continues to work on the implementation of AB 617 including participation in the West Oakland Community Action Plan strategies implementation, Best Available Control Technology/Best Available Retrofit Control Technology (BACT/BARCT), Technical Assessment Coordination, and Emissions Inventory working groups with CARB and other air districts. Staff is also working through CAPCOA on a process to develop a uniform method of emissions reporting and participated in drafting recommendations on the method that was sent to CARB. For the West Oakland AB 617 Steering Committee, staff worked with the Compliance & Enforcement Division and Planning Division staff to compile a summary of current activity at Schnitzer Steel in Oakland, California. Staff worked with the AB 617 Team to update the work plan for 2020. See "Amendments to Regulation 3: Fees" for proposed amendments to the fee regulation to raise funds for the implementation of AB 617. On May 14, 2020, staff met with CAPCOA, CARB, and other local air districts to discuss the development and implementation of uniform reporting guidelines under the AB 617 Criteria Pollutant and Toxics Reporting Regulation for the electricity generation, landfill, and refinery sectors. Engineering coordinated with AIM to comment on CARB's preliminary draft of the Criteria and Toxics Reporting Rule.

**LEGAL DIVISION
B. BUNGER, DISTRICT COUNSEL**

The Air District Counsel's Office received 162 violations reflected in Notices of Violations (NOVs) for processing.

Mutual Settlement Program: Staff-initiated settlement discussions regarding civil penalties or passing the Wood Smoke Awareness Course for 55 violations reflected in NOVs. Settlement negotiations by Mutual Settlement Program staff resulted in collection of \$46,750 in civil penalties for 39 violations reflected in NOVs.

Counsel in the Air District Counsel's Office initiated settlement discussions regarding civil penalties for six (6) violations reflected in NOVs. Settlement negotiations by counsel resulted in collection of \$294,400 in civil penalties for 50 violations reflected in NOVs.

**COMMUNICATIONS AND PUBLIC INFORMATION DIVISION
K. ROSELIUS, ACTING OFFICER**

Media Inquiries

Staff responded to numerous media inquiries, including requests about:

- AB 617 budget cuts
- Air quality and COVID-19
- Air quality benefits during shutdown
- Antioch gas patch
- Attainment status
- Bay Area Concrete Recycling
- Bayview monitoring study
- Board meeting presentation
- Chevron flaring
- Chevron lawsuit
- Chevron permit
- Chevron settlement
- Climate study
- Earth Day and historical stats
- Energy improvements
- Enforcement of air quality regulations
- Engineering data
- EPA relaxing rules
- Flare rule
- Martinez refinery
- Milpitas fire
- Milpitas odor study
- Newby Island odors
- Open burning
- Park and Crews Fires
- PBS refinery flare
- PG&E backup generators
- PM 2.5 standard press conference
- PM data
- PM/COVID link
- Public records
- Refinery data
- Refinery flaring stats
- Refinery shutdowns
- Remote work
- Richmond/Bay Area air quality
- SF/Bay Area air quality
- SF/Richmond/Bay Area air quality
- Spare the Air
- Spare the Air / teleworking
- State of the Air report
- Storage tank VOCs
- Tesla violations
- Traffic and improved air quality
- Volkswagen (VW) hydrogen grants

- West Oakland plan
- Wildfire preparations

Media Events/Op-eds

07/13/2020 Cut the Commute press conference in San Jose

Media Highlights

The Air District was mentioned in 259 print/online stories and 263 radio/video clips from April 2020 through June 2020. Below are media coverage highlights:

06/30/2020 [Covid-19 Fears Spur More Cars on Roads, Threatening Air Quality](#)

06/22/2020 [CHP: Expect traffic 'surge' soon](#)

06/21/2020 [Fire Agencies Holding Two-Day Prescribed Burn Near State Prison](#)

06/21/2020 [Solano businesses among first affected by new Bay Area toxic pollution rules](#)

06/15/2020 [San Mateo County Fire Crews To Conduct Prescribed Burn](#)

06/08/2020 [First Blue Bird All Electric School Buses Delivered to a Transportation Contractor in California, Michael's Transportation Service, Inc.](#)

06/06/2020 [They Were Cleaning Up One Of America's Most Polluted Neighborhoods. Then Came COVID-19.](#)

06/03/2020 [d'Souza: Closing the digital divide can also help clean up the air](#)

06/01/2020 [A Pause In Pollution: Lessons From The Pandemic](#)

05/26/2020 [Another searing hot, Spare the Air day in the Bay Area](#)

05/26/2020 [The heat wave in the Bay Area lasts until Thursday night for 2 consecutive days](#)

05/26/2020 [Triple-digit heat hits Solano](#)

05/25/2020 [Air District Issues Another Spare The Air Alert For Tuesday](#)

05/25/2020 [Heat, exhaust prompt second Spare the Air Alert Tuesday](#)

05/25/2020 [Unhealthy air quality, hot temperatures lead to 2nd Spare the Air Alert issued in Bay Area](#)

05/25/2020 [Soaring Temps Prompt Spare The Air Alert For Tuesday](#)

05/25/2020 ['Be extremely careful': Heat advisory in effect this week across Bay Area, temperatures to reach 90s, 100s](#)

05/25/2020 [Heat wave, smog alert greet Bay Area for Memorial Day](#)

05/25/2020 [Bay Area weather: Memorial Day temperatures set record highs](#)

05/25/2020 [High temperatures and car exhaust prompt Spare the Air alert for Tuesday](#)

05/24/2020 [Summer Spare The Air Alert Issued For Memorial Day](#)

05/24/2020 [Spare the Air Alert issued in Bay Area for Memorial Day](#)

05/24/2020 [Air quality district issues year's first Spare the Air alert for Monday](#)

05/24/2020 [First 2020 Bay Area Spare the Air Alert Issued for Monday](#)

05/24/2020 [Hottest week of the year ahead for Sonoma County](#)

05/24/2020 [Air Quality District Issues Year's First Spare The Air Alert For Monday](#)

05/24/2020 [Heat wave poised to hit Bay Area: Inland temps could soar to 100 by Tuesday](#)

05/24/2020 [First Spare the Air alert of 2020 issued for Memorial Day in Bay Area](#)

05/23/2020 [Vallejo installs 10 new charging stations in parking garage](#)

05/22/2020 [Will Wildfire Smoke Worsen the Pandemic? We're About to Find Out](#)

05/21/2020 [Tesla Factory Has Dozens of Environmental Violations](#)

- 05/20/2020 [Sheltering in Place Has Vastly Improved Region’s Air Quality—But How Long Will It Last?](#)
- 05/20/2020 [Weather Classroom: Reduced Emissions & Summer Air Quality](#)
- 05/18/2020 [Sonoma area wildflower preserve to hold prescribed burn to reduce ‘medusahead’](#)
- 05/16/2020 [To prevent respiratory infections, the air quality in the Bay Area needs to be improved](#)
- 05/11/2020 [Napa County gets mixed grades in air pollution report due to wildfire smoke](#)
- 05/07/2020 [Outdoor burning OK with permits in rural Sonoma County](#)
- 05/07/2020 [Solar-powered EV station opens in Richmond for public use](#)
- 05/05/2020 [Air District’s Summer Spare The Air Season Started This Week](#)
- 05/05/2020 [Burn Permits Required starting May 4, 2020 in Unincorporated Communities](#)
- 05/04/2020 [Noting improved air quality, district encourages teleworking after shutdowns](#)
- 05/04/2020 [Air District Links Benefits Of COVID-19 Telecommuting To Bluer Skies, Happier Lives, Improved Workplace, Less Traffic](#)
- 05/04/2020 [Opinion: Let’s not return to ‘old normal’ climate pollution](#)
- 05/04/2020 [Coronavirus made telework necessary. Now Santa Clara County wants to explore ways to keep it](#)
- 05/04/2020 [Air District's Spare The Air Summer Season Starts Monday](#)
- 05/03/2020 [San Jose International Airport Expansion Construction Approval](#)
- 04/23/2020 [Air District Announces \\$146K Settlement With Chevron For Refinery Violations](#)
- 04/22/2020 [Coronavirus Pandemic Silver Lining: Cleaner Air in the Bay Area](#)
- 04/22/2020 [Coronavirus Outbreak Forces Earth Day 50th Anniversary Celebrations To Go Virtual](#)
- 04/22/2020 [Air District Announces \\$146K Settlement With Richmond Chevron Refinery For Violations](#)
- 04/22/2020 [Air District Announces \\$146K Settlement With Chevron For Refinery Violations](#)
- 04/21/2020 [COVID crashes Earth Day 50](#)
- 04/21/2020 [Marin activists adapt Earth Day for virus crisis](#)
- 04/17/2020 [A Rude Awakening – Earth Day, BAAQMD and Dahr Jamail](#)
- 04/16/2020 [Bay Area auto repair industry staggers as traffic plummets during coronavirus pandemic](#)
- 04/15/2020 [Bay Area Air Quality Management District Reports Good Air Quality](#)
- 04/14/2020 [The ‘Unprecedented Natural Experiment:’ Stay-At-Home Order Reduces Air Pollution, Offers Clues in Climate Change Fight](#)
- 04/14/2020 [Coronavirus control measures curb traffic, clearing Bay Area’s air](#)
- 04/13/2020 [Bay Area Pollution Way Down, Air District Estimates](#)
- 04/10/2020 [A Rude Awakening – Air Pollution, COVID 19 and the Effect on Vulnerable Communities](#)
- 04/05/2020 [Editorial: Pandemic can’t hide rollback of clean air rules](#)
- 04/04/2020 [Air District Advises Against Wood Burning During Covid-19 Pandemic](#)
- 04/04/2020 [Air district urges public not to burn wood during virus outbreak](#)
- 04/04/2020 [Air District Advises Against Wood Burning During Coronavirus Pandemic](#)
- 04/04/2020 [Air Quality Officials Urge Bay Area To Avoid Burning Wood During COVID-19 Pandemic](#)
- 04/04/2020 [Bay Area Air District advises against wood burning during pandemic](#)

Press Releases

- 06/18/2020 [\\$35 million in new funding for zero-emission projects in California](#)
- 06/18/2020 [Air District Board adopts resolution in support of racial justice](#)
- 06/17/2020 [First of its kind rule reduces toxic air pollution in Bay Area communities](#)
- 05/28/2020 [South Coast AQMD Files Lawsuit Challenging Trump Administration Rollbacks to Clean Vehicle Standards](#)
- 05/25/2020 [Air District issues another Spare the Air Alert for smog](#)
- 05/24/2020 [Air District issues first Spare the Air Alert for smog this year](#)
- 05/19/2020 [Fifteen global shipping companies slowed cargo ships for 99,000 nautical miles in 2019 program off California coast to protect blue whales and blue skies](#)
- 05/19/2020 [Media Advisory: Spare the Air Leadership Award winner to be honored at 30th Annual Acterra Business Environmental Awards ceremony](#)
- 05/14/2020 [Bay Area Air District demands EPA reevaluate PM air standard](#)
- 05/12/2020 [Media Advisory: Bay Area Air District demands EPA reevaluate PM air standard](#)
- 05/04/2020 [Spare the Air smog season begins today](#)
- 04/22/2020 [Air District settles case with Chevron USA Inc.](#)
- 04/21/2020 [Air District celebrates Earth Day's 50th anniversary](#)
- 04/14/2020 [Bay Area Air District statement on Trump administration proposal to freeze particulate matter standard](#)
- 04/03/2020 [Air District asks public to not burn wood to keep pollution levels low during shelter-in-place order](#)

Public Inquiries

Phone: 138 public calls

Events

- Participation in most events through June 2020 has been cancelled in the wake of the ongoing COVID-19 issue. Some participation in digital events:
 - Participated in the April 19, 2020, virtual Sunday Streets celebration.

Spare the Air

- Advertising
 - Staff approved topline media buy strategy.
 - Finalized all bookings for the summer season media buy.
 - Staff submitted the Spare the Air Task Order and media buy schedule.
 - Summer media buy began week of July 6, 2020.
 - Shift to remote work focus for campaign.
 - Staff reviewed recommendations for a replacement bike outreach vendor.

- Creative
 - Completed development of new Spare the Air television ads.
 - Staff explored alternate creative options for use this summer in lieu of the “Life’s a Trip” creative, which is not in line with social distancing measures in place.
 - Staff approved True North Research survey questionnaire for ad concept testing; coordinated on testing.
 - Staff reviewed topline summary from True North Research survey and selected the video concept, “Take a Moment” to move forward with production.
 - Summer creatives were tested and approved – will feature local/scenic video footage in new ad concept.
 - Staff approved the updated English (:15 and :30) and Spanish (:30) spots.
 - Coordinated with creative team to prep final files for media buy.
 - Staff developed new Spare the Air Alert graphics to align with updated branding.

- Media Relations
 - Op-eds
 - Coordinating publication of op-ed piece about PM standards with San Francisco Chronicle.
 - Staff revised the wildfire op-ed from the winter season to update information and messaging.
 - Cut the Commute Pledge
 - Staff held press conference in San Jose on July 13, 2020.
 - Staff reviewed Public Information Officer (PIO) outreach focusing on the season kick-off and remote work messaging.
 - Initial PIO outreach content/e-blast for summer held for distribution.
 - Pitched the May 14, 2020 PM 2.5 press conference in San Jose.
 - Reached out to Bay Area radio, television and major print pubs including multicultural outlets.
 - Staff reviewed revised media relations strategy for Spare the Air season.
 - Prosio held on developing the initial media pitch focused on remote work.
 - Spare the Air season kick-off news release – May 4, 2020.
 - Staff approved the media relations strategy for Spare the Air summer season.
 - Spare the Air smog season announced; Prosio conducted media pitching following distribution of the press release.
 - Staff drafted the Winter Spare the Air end of season summary report.
 - Staff conducted interviews regarding Spare the Air Alerts called over the May 23, 2020, weekend.

- Social Media
 - Continuing to adjust strategy and content based on the ongoing COVID-19 issue.
 - Substituting carpool messaging for remote work tips and ways to Spare the Air at home.
 - Focusing on Air Quality Awareness Week, remote work tips, feel-good stories, ways to Spare the Air at home.
 - Implementing new growth and social listening strategy to increase followers and engagement.
 - Implementing new monthly analytics format in lieu of weekly reporting.
 - Analytics
 - Staff reviewed June content and April analytics.
 - Staff reviewed Q1 analytics and May social content.
 - Developed new Pride logos for Spare the Air for June.

- 2019-2020 Employer Program
 - Staff continuing to coordinate with Board members regarding promotion of remote work programs/policies.
 - Remote Work Clearinghouse now live on the website.
 - Staff developing content for the teleworking outreach toolkit.
 - Staff drafted a one-pager on the benefits of remote work; to develop a secondary version for elected officials.
 - Staff researching and updating contact information in the employer database.
 - Employer Program Website
 - Prosio sent post-audit recommendations of the employerssparetheair.org website and program materials on March 31, 2020; included potential outreach efforts that can be implemented in lieu of in-person events.
 - Identifying groups to engage with on LinkedIn.
 - Staff coordinating with web team to implement content and image updates to the Employer Program website.
 - Staff compiled link and content updates on the EmployersSpareTheAir.org website.
 - Carpool Now
 - Prosio compiled feedback from the Carpool Now follow-up survey; provided a summary to the Air District on April 14, 2020.
 - Prosio sent a detailed event plan for upcoming Carpool Now events on April 15, 2020.
 - Prosio developed a virtual event format to incorporate into the detailed event plan for future Carpool Now events.
 - Staff followed up with Employer Program contacts to postpone the potential Carpool Now events that were slated for this spring/summer; exploring alternative outreach and event ideas such as e-blasts and webinars.

Spare the Air Social Media

Staff and Prosio actively monitored and posted on social media throughout the Spare the Air season. Facebook, Twitter, Instagram and Pinterest platforms were monitored.

- Post samples:
 - [Facebook](#)
 - [Twitter](#)
 - [Instagram](#)
 - [Pinterest](#)
- Response samples:
 - [Twitter](#)

In this quarter, follower numbers increased to 9,574 (+3) on Facebook, decreased to 13,654 (-16) on Twitter, increased to 1,186 (+41) on Instagram, and increased to 286 (+6) on Pinterest.

Air District Social Media

Staff continues to run social posts daily including:

- Daily, two-day and five-day air quality forecasts
- Board presentation on policy violence
- Thank you to the governor for securing AB 617 funding
- Annual report promotion
- *EM Magazine* article on the Wildfire Air Quality Response Program
- Article on nation's first zero-emission truck rule
- Owning Our Air annual report video
- Diesel Free by '33 webinar announcement
- Request to not light fireworks
- Wildfire preparedness tips
- Air quality advisories for wildfire smoke
- Webinar announcement with SPUR.
- Funding announcement for light and medium-duty vehicles
- Wildfire preparedness tips
- 2019 Annual Report
- EV Council meeting
- Online annual report videos
- Celebrating Pride Month
- Proposed cuts to AB 617 funding
- VW funding announcement
- Board resolution condemning racism and injustice
- Joint lawsuit challenging the SAFE vehicles rule
- Spare the Air Leadership Award winner and online ceremony announcement
- Spare the Air Alert notifications

- PUSD air quality and health webinars for parents
- Statement on racial justice and police accountability
- Shared Marin Clean Energy's free EV charging station
- Acterra BEA winner
- Shared NBC article on reduced emissions & summer air quality
- Notice of Spare the Air Alerts
- NASA satellite data showing air pollution decreases
- Shared interview regarding PM standard
- Shared article on Richmond's new EV charging station
- Live stream of the PM 2.5 press conference in San Jose
- Shared Acterra's 2020 Business Environmental Awards sponsors post
- Shared map of CARB's Community Air Protection Program Communities
- Air Quality Awareness Week educational posts including how to read the AQI and Asthma Awareness Day
- Shared Forbes article on reduced air pollution during lockdown
- Beginning of Spare the Air smog season
- Staff feature on Meteorology and Measurements Division field staff
- Air monitoring as an essential service
- U.S. EPA air sensor research
- Reposted the guaranteed ride home program
- Shared clean air article from San Francisco Chronicle
- Reposted Acterra's invitation to join the Silicon Valley Green Team Network
- 2020 Spare the Air Leadership Award winner
- Silicon Valley Clean Energy call to applications
- Youth climate change storytelling contest
- Chevron settlement
- Earth Day celebration posts including video
- Historical achievements
- Interactive games and a comparison of air quality on the first Earth Day vs. today
- How to view Board meetings and submit comment
- Silicon Valley Clean Energy call for applications
- Statement on Trump administration proposal to freeze PM standard
- Air Grants Program grant recipient Brightline Defense Project
- Video on Air District operations continuing during shelter-in-place
- Invitation to join the Path to Clean Air steering committee webcast
- Expediting permits for projects essential to the COVID-19 response
- Shared article on low-income communities enacting plans to fight air pollution
- Operations/enforcement of air quality regulations continuing as EPA relaxes rules
- Jack's statement on the SAFE Vehicles Rule
- Request for the public to refrain from wood burning
- Kids' air quality questions answered
- Emissions reductions estimates from decline in vehicle traffic
- Donation of N95 masks to Cal OES
- Notice of Board meetings being held remotely
- Shared articles regarding improved air quality during shelter-in-place order
- Kids' air quality questions answered, shared article on equitable access to EVs

- Reposted Elemental Exelerator’s call for applications for clean energy grants
- Shared the STA activity book for teleworking parents with kids at home

Clean Cars for All ad campaign began on March 2, 2020 and ended on March 31, 2020.

- Targeted disadvantaged communities through social, search and display advertisements.
- Results:
 - Google: 319 clicks; 14,351 impressions.
 - Facebook: 1,444 clicks; 72,002 impressions.

In this quarter, Air District follower numbers increased to 3,807 (+88) on Facebook, increased to 9,286 (+108) on Twitter, decreased to 1,583 (-194) on Instagram, and increased to 1,942 (+423) on LinkedIn.

Other

- Videography
 - Wildfire preparedness video – draft second complete and under review.
 - Public Data Center tutorials – on hold.
 - Climate Tech Finance video project under review.
 - Awaiting changes from Strategic Incentives Division for the Goodwill video.
 - Outline for the air quality data website tutorials complete; awaiting approval from web team.
 - Earth Day 50 video posted to social and website.
 - Wildfire video series complete.
 - Executive Officer/APCO projects
 - Filmed Air and Waste Management Association acceptance speech featuring the District’s APCO.
 - Completed and submitted Jack’s welcome video for Acterra Awards.
 - Covid-19 shelter in place
 - Staff gathered drone footage of clear skies, clear freeways, clean air during shelter in place.
 - Operations video during shutdown posted to social and website.
- Staff Development
 - Communications and Strategic Incentives Division met to discuss highlights and timelines of grant programs to promote – meetings will be monthly moving forward.
- Spare the Air Brand Refresh
 - Public survey results presented to staff on April 24, 2020.
 - N13 sending revised brand refresh proposal based on April 24, 2020 discussion.
 - Staff reviewed revised brand refresh proposal from N13.
 - N13 working on deliverables.
 - Presentation by N13 on June 4, 2020.
 - Round 2 design presentation took place on June 16, 2020.
 - Round 3 design presentation took place on June 29, 2020.

- 2019 Annual Report
 - Content complete.
 - Videos approved.
 - Finalized web content.
 - Promoted on social media.
 - Worked on Air Currents announcement.
 - Launched at June 3 Board Meeting.
 - Prepared presentation for June 3, 2020 Board Meeting.
- 2020 Annual Report
 - Reaching out to managers about upcoming projects to document.
- Graphic Design Projects
 - Smoke impacts brochure for Compliance and Enforcement Division – working with Compliance and Enforcement Division on latest edits.
 - New Wood Burning Rule brochure – design in progress.
 - Working with Meteorology and Measurements on van decal design.
 - Goods Movement Program flyer and mailer – in review.
 - Cut the Commute Pledge – complete.
 - Graphics for Public Participation Plan for Community Engagement – complete.
 - VW postcard for Strategic Incentives Division – with printer.
 - Logo decal for Strategic Incentives Division – delivered.
 - Permit payment postcard – complete.
 - Human Resources job posting template – complete.
 - Wildfire Preparedness Tips brochures (Spanish and Chinese) – delivered.
 - Wildfire Preparedness Tips brochures (Spanish and Chinese) – with printer.
- Photography
 - Prep work for Clean Cars for All photo shoot – on hold until after shelter in place.
 - Completed reorganization of photo library.
 - Working with Sharon on photos for social.
 - Coordinated with photographer to get Vessel Speed Reduction photos and continuing to get recreation shots during shelter in place.
 - Gathered video/photos/drone footage of shelter in place clear skies/reduced traffic.
 - Working with Prozio on ad needs.
- Sponsorships and Contracts
 - Mortarotti-Ramirez Productions – complete.
 - We the Creative – complete.
 - Sharon Beals – complete.
 - Allison+Partners – executed.
 - Finalizing League of Women Voters contract.
 - Extending terms of Air Sensors International Conference sponsorship due to event postponements – complete.
 - Extending terms of American Lung Association sponsorships due to event postponements – complete.

- Awards and Recognitions
 - Acterra 2020 Business Environmental Awards
 - Worked on transition to virtual awards ceremony.
 - Drafted talking points for Jack for awards ceremony.
 - Jack filmed welcome video for virtual awards ceremony on April 30, 2020.
 - Submitted Jack’s welcome video for virtual awards ceremony.
 - Media Advisory went out on May 19, 2020.
 - Virtual awards ceremony held on May 28, 2020.
- Spare the Air app – Innoppl
 - Update with Android and iOS is ongoing.
 - Phase one complete.
 - Phase two is ongoing and includes iOS 13.3.
 - Working with Innoppl to view the Flutter update.
 - Sent an update to test.
- Website
 - Cut the Commute
 - Cut the Commute Pledge, Spare the Air page now live.
 - Spare the Air
 - Reviewed comps for News & Events page on Spare the Air website.
 - Spare the Air Youth page
 - Staff added text/links.
 - Uploaded the Spare the Air Kids Activity book.
 - Employer Spare the Air
 - Employer Spare the Air page remote work updates.
 - Air District
 - Continuing to post backlogged press release translations online.
 - Air District Operations During Shelter-in-Place webpage – added expedited permitting information.
 - Earth Day page created as Latest News Item; uploaded Zoom backgrounds, video and games.
 - Martinez Refinery Idling web banner added.
 - Open Burn webpage – staff wrote draft text to be used for press release reference link.
 - Air Currents page – fixed links.
 - Wildfire Tips webpage uploaded and published Chinese, Vietnamese and Tagalog versions.
 - Local Health Organizations page
 - Staff drafted intro text.
 - Researched national and state health agency links to include.
 - Remote Work Clearinghouse webpage posted in Planning Climate Protection section.
 - Annual Report, online
 - Updated Spare the Air Box Scores page
 - Box scores updated ozone for 2020, PM to match Annual Report stats.
 - Spare the Air Data and Records page
 - Updated Ozone and PM exceedances to match Annual Report figures.

- Winter Spare the Air references – all webpages updated on both sites.
 - Updated language on web pages that include Winter Spare the Air information.
 - Reviewed past videos that mention Winter Spare the Air.
- Other
 - Diesel Free by '33 e-blast sent out.
- RFPs/RFQs
 - RFP for Spare the Air app redesign: review complete, staff to select winning firm.
 - RFP for Technology Implementation Office under review; staff to discuss who should be awarded contract.
 - Staff submitted RFP for mobile application to Admin.
 - RFP for Annual Report design – We the Creative won bid.
 - RFQ for video production services – Mortarotti-Ramirez Productions won bid.
 - RFQ for general public relations services – working to get Allison+Partners under contract.
- Administrative
 - Staff updated Meltwater media contact lists.
 - 4900 Script – Working with Enforcement to have consistency between 4900, 5000 and 6000 phone trees.
 - Implementing Communications Plan for Rule 6-3 amendment promotion.
 - Staff updated Spare the Air Alert procedures.
- Promotions
 - EV infrastructure promotion in South Bay with Technology Implementation Office on hold.
 - To discuss potential radio PSAs and podcasts to promote the Clean Cars for All Program with Technology Implementation Office.
- Media
 - Podcast for PM/COVID health links with physicians.
 - Developed NorCal media list for VW press releases.
- Publications
 - League of Women Voters [Bay Area Monitor newsletter](#) – published with article about air quality during pandemic, Clean Cars for All program and Air District remote work initiatives.
 - Staff reviewed/provided edits to the Bay Air Center fact sheets.
 - Revising Commuter Benefits Program fact sheet to include teleworking.
 - Air Currents sent out on 5/1.
 - Added article about Air District operations during the shelter-in-place.

**PLANNING AND CLIMATE PROTECTION DIVISION
H. HILKEN, DIRECTOR**

Climate Protection

Climate Protection Grants

Staff continued to implement climate grant projects, including meeting with grantees and reviewing quarterly progress reports, in addition to guiding and meeting with grantees to discuss progress. Milestones in this quarter included:

- The Alameda Waste Management Authority completed its grant project, “Public-Private Partnership: Prototyping Technology to Reduce Contamination in Commercial Organics Collections,” a pilot project in the City of Livermore to address the critical challenge of reducing contamination in commercial composting. The project set up the installation of cameras and cloud based software to monitor commercial waste bins, combined with customer education to achieve a large enough reduction in compost contamination to result in compost that had been landfilled, being successfully diverted to and accepted by compost facilities.
- The City of Fremont unveiled the beta version of its “EVfleets” web-based tool (<https://evfleet.tools/>). The tool is a collection of resources designed to help municipal staff identify and implement opportunities for robust decarbonization of their organization’s fleet and facilities.
- The Sonoma-based Eco2School program smoothly moved to online interactions with its schools, teachers, and students as a response to the COVID-19 shelter-in-place. This included having students from local colleges and high schools put together a website (<http://www.eco2school.org/tell-your-story.html>) for Earth Day, featuring students telling their own personal and inspirational “climate stories.”

Greenhouse Gas (GHG) Reduction Activities

Staff continued work under the Air District’s Building Decarbonization Program, including executing contracts with the Building Decarbonization Coalition and Clean Energy Policy Advisors to launch and rollout the Clean Building Compass on-line clearinghouse in the summer. Staff hosted a review of the draft Clean Building Compass, a centralized clearinghouse of building decarbonization policy resources for local governments, by the Compass’s Advisory Committee. Staff executed a contract with Menlo Spark to support the development of an All-Electric Home Retrofit Guide for homeowners and contractors. Staff also began participating in The Switch Is On, a statewide marketing and public outreach campaign to complement municipal building decarbonization efforts. Staff participated in Silicon Valley Clean Energy’s (SVCE) Building Decarbonization Joint Action Plan workshop to provide input on SVCE’s building decarbonization strategies. Staff worked with the Contra Costa County Health Department to develop a collaboration through the Green and Healthy Homes Initiative to provide in-home health assessments and mitigation’s of GHG emissions and asthma triggers in low-income households.

Staff held discussions on clean power alternatives to diesel back-up generators at data centers and other facilities with a variety of stakeholders, including CARB, CAPCOA, South Coast AQMD, San Joaquin APCD, Cummins Corp., the California Stationary Fuel Cell Collaborative, Doosan and Plug Power, Silicon Valley Power, Fuel Cell Energy, Lawrence Berkeley National Laboratory, and Marin Clean Energy. Staff testified at California Energy Commission evidentiary hearings for three different data center projects in Santa Clara (Walsh, Sequoia and Mission College), recommending clean technology alternatives to diesel back-up power. Staff participated in a workgroup meeting with CARB and other air districts to discuss air district current practices regarding BACT/BARCT for diesel back-up power.

Staff continued researching climate impacts from the food cycle, and potential partners for work on climate friendly diet and food waste reduction. Staff met with Acterra and developed workplan for a webinar series on climate change and food, to be launched in the Fall as an alternative to the Climate and Food conference. Staff developed a new web page on 'Climate and Food' that was posted on the Air District's website (<https://www.baaqmd.gov/plans-and-climate/climate-protection/climate-and-food>).

Staff presented on the Diesel Free by '33 Initiative at Joint Venture Silicon Valley's Public Sector Climate Task Force meeting and finalized plans for a summer webinar series.

Staff participated in a variety of CAPCOA committees, including the Planning Managers Committee and the Public Safety Power Shutoff workgroup, and chairing the Climate Protection Committee. Staff participated in a CAPCOA review team to review proposals and interview consulting firms bidding to update CAPCOA's guide, Quantifying GHG Mitigation Measures.

Staff continues to review papers and studies to support scientific and research efforts to better understand GHG emissions. Staff continues to coordinate and lead a cross-divisional Organics Emissions Estimation team. Staff worked on finalizing a study produced through the Air District's GHG Research Program, "Assessment of regional methane emissions inventories through airborne quantification in the San Francisco Bay Area," submitted to Environmental Science & Technology.

Staff participated in the Metropolitan Transportation Commission (MTC)/Association of Bay Area Governments (ABAG) Regional Advisory Working Group meeting for Plan Bay Area, as well as numerous internal meetings with MTC staff to support work on Plan Bay Area.

Support to Local Governments

Staff reviewed and provided feedback on climate action plan updates for the cities of San Jose and Burlingame. Staff released bi-monthly installments of the Local Government Climate Newsletter – a regular publication that goes out to local government staff and apprises them of new resources and opportunities within the Air District and elsewhere, and of innovative policies and best practices. Staff met with the new Director of Climate Programs for the Sonoma Regional Climate Protection Authority to discuss the status of current climate work at the RCPA and at the Air District. Staff presented on the Air District's Climate Protection Program to the Napa County Climate Action Committee. Staff attended monthly meetings of San Mateo County's Regionally Integrated Climate Action Planning Suite (RICAPS), a group of local government climate staff from all jurisdictions of the County. Staff met with Atherton Mayor Rick Degolia, the current Vice Chair of Peninsula Clean Energy (PCE), to discuss the Air District's work in the area of electric

vehicles and building energy use, and to explore potential areas of collaboration with PCE. Staff meet with staff from Marin Clean Energy to update each other on complementary work and identify areas of potential collaboration. Staff met with CARB staff to discuss CARB's climate work with local governments. Staff continued developing CEQA thresholds of significance for GHG emissions, including convening discussion with stakeholder organizations including Earthjustice and the Rocky Mountain Institute.

Air Quality Planning

CEQA

Staff continued implementation of the Air District's CEQA Guidelines, including reviewing air quality analyses in CEQA documents, drafting comment letters, and responding to inquiries from consultants, local government and businesses. During the second quarter of 2020, staff tracked 564 projects, reviewed 18 projects, responded to 42 Stationary Source Information Requests, responded to nine technical assistance requests, and provided comment letters on the nine following projects: California Energy Commission on the Negative Declaration (ND) for the Walsh Data Center Project in Santa Clara; City of Brisbane on the Brisbane Baylands Specific Plan NOP; City of Richmond on the Point Molate Mixed-Use Development SEIR; California Energy Commission for the Mission College Data Center MND in Santa Clara; Contra Costa County for the Powerdrive Oil and Gas Wells Project ND; City of Antioch on The Ranch Project DEIR; City of San Jose on the Avenues: The World Schools Project EIR; City of Pittsburg regarding the Pittsburg Technology Center NOP/IS; and the California High-Speed Rail Authority San Jose to Merced Project Section Draft EIR/EIS.

Staff continued working on CEQA program improvements, including launching a new CEQA tracking protocol and developing a new searchable CEQA tracking database. Staff continued updating the CEQA Thresholds and Guidelines including drafting proposed thresholds of significance, reviewing past CEQA projects to determine the impact of proposed thresholds, and developing an outline for simplified, easy to use guidance for assessing the environmental impacts of criteria pollutants, toxic air contaminants and greenhouse gases.

Assembly Bill (AB) 617

Staff continued to work with Community Engagement (CE) staff and our Co-leads, the West Oakland Environmental Indicators Project (WOEIP), to fully implement the West Oakland Community Action Plan. Staff and WOEIP planned and held monthly remote Steering Committee meetings and worked with the community and agency Co-chairs of the four Implementation Subcommittees - Land Use, Transit/Bike/Walk, Health and Living Buffers, and Port & Freight - to plan and hold Subcommittee meetings to continue discussions of strategy implementation. Staff also continued working closely with agency partners from the City of Oakland, MTC, ACTC, Port of Oakland and BARC to identify early opportunities for implementation, including identifying and pursuing grant funding for priority projects. Staff worked with the Co-leads and staff from Compliance and Enforcement to develop and share with the Steering Committee community-facing outreach material on outdoor burning. Staff is working with CARB to gather and submit annual tracking metrics and with the Co-leads to develop a community-facing annual progress report.

Staff continues to work in partnership with CE, consultants, and the Richmond-San Pablo Path to Clean Air Community Emissions Reduction Plan (CERP) Community Design Team to plan for and recruit members to a CERP Steering Committee. Staff have begun holding bi-weekly internal Path to Clean Air meetings with Community Engagement, M&M and AIM to coordinate efforts on the CERP technical assessment, community profile, and stakeholder and Steering Committee engagement. Staff partnered with Climate and CE to conduct a kick-off meeting with the Contra Costa County Green and Healthy Homes Asthma Program to facilitate AB 617 outreach and data collection. Staff continue to meet with CARB on a bi-weekly to monthly basis and help plan and hold a workshop with other Air District planners on lessons learned from CERP and Monitoring Plan development processes across the state. Staff are partnering with CE on providing technical support and planning assistance to the AB 617 high priority communities, and in particular the Tri-Valley partnership.

Air Quality Planning

Staff reviewed the draft Requirements and Criteria for the Sustainable Transportation Equity Project (STEP) pilot program, which addresses community residents' transportation needs through grants and increases access to key destinations. Staff reviewed California Environmental Justice Alliance's (CEJA) recently completed report *Rethinking Local Control in California: Placing Environmental Justice and Civil Rights at the Heart of Land-Use Decision-Making* and initiated discussions on specific implications for informing the Air District's ongoing SB 1000 policies and technical assistance to local jurisdictions.

Staff attended the State Implementation Plan (SIP) Working Group meeting for the purpose of discussing SIP planning for the 70 ppm 8-Hour Ozone National Ambient Air Quality Standards, and spoke with U.S. Environmental Protection Agency, Region 9 staff about certification of the Air District's Federal Emission Statements Rule as a SIP Revision submittal. Staff sent CARB a request to approve and transmit to the U.S. EPA an amendment to the San Francisco Bay Area SIP Transportation Conformity Procedures to the Environmental Protection Agency that reflect updated MOU language, previously discussed with and agreed to by MTC, in the Sacramento Area Council of Government which clarifies transportation air quality conformity procedures for activities in eastern Solano County.

Staff attended a CAPCOA Land-Use Model Focus Group to discuss updates to CalEEMod and tested a Beta version of CalEEMod 2020. Staff participated on the RFP interview panel for the SB1 Toolkit Update for the CalEEMod web upgrade. Staff also participated in the CAPCOA Planning Committee presentation addressing policies for environmental justice and local air pollution impacts.

**ASSESSMENT, INVENTORY, AND MODELING
P. MARTIEN, DIRECTOR**

Air Quality Modeling & Analysis

Staff compared an internal planning emissions inventory for the Richmond/San Pablo (R/SP) community with an inventory provided by CARB, summarized the findings, and shared the results internally and with CARB. Staff continued to participate in internal planning meetings for the R/SP AB 617 Virtual Path to Clean Air effort. Staff assisted in developing and documenting a protocol for AB 617 work, developing construction emission estimates, and updating the emissions inventory being used for AB 617 fee analyses. Staff continued to participate in biweekly coordination calls with CARB regarding the planning inventory and other AB 617-related topics. Staff developed a summary chart of the planning inventory to be presented at an Advisory Committee meeting. Staff checked ocean-going vessel emission factors provided by the Port of Oakland for their 2020 emissions inventory development against those used in the West Oakland AB 617 technical assessment.

Staff continued with regional PM modeling tasks that included preparation of 2017 and 2018 emissions and meteorological inputs and execution of the regional model. Staff assembled observational air quality and weather data to evaluate both the regional and meteorological models. Staff conducted a three-year regional model simulation to assess impacts of the residential woodburning combustion emissions on ambient PM_{2.5} levels.

Staff conducted PM_{2.5} dispersion modeling for the Chevron Richmond refinery (Chevron) for the years 2016 through 2018 using the California Puff Model (CALPUFF) and began documenting the modeling methodology. Staff participated in conference calls with contractors involved in the woodsmoke emissions project (Baseline Environmental and True North). To support contractors' work, staff summarized 2016 residential wood combustion emissions estimated by CARB by county and month for the Air District and compared them against selected counties in the Central valley. Staff also provided data requested by Baseline Environmental to help with the contracted work.

Staff downloaded, reviewed, and summarized 2018 wildfire emissions data from the U.S. Forest Service. Staff attended the Wildfire Induced Air Pollution Mitigation & Assessment Symposium virtual conference organized by UC Davis. Staff participated in several training sessions on using GitHub, an online version control platform. Staff participated in a webinar on the US EPA's 2016 Collaborative Modeling Platform. Staff participated in a virtual annual workshop on the Weather Research and Forecasting (WRF) meteorological model. Staff attended a NASA webinar on using satellite data for air quality analyses. Staff coordinated with the University of Washington and other potential partners on data needs for Intervention Model for Air Pollution (InMAP) modeling for estimating air pollution health impacts in the Bay Area.

Emissions and Community Exposure Assessment

Staff completed a draft community assessment protocol with emissions inventory and modeling process under the AB 617 community assessment work; staff also developed a data inventory with methodology notes for performing modeling assessment for the R/SP community. Staff continued collaboration with MTC to discuss management of geographic data and parcel records to support

data collection efforts in R/SP. Staff obtained 2019 roadway telematics data from Bentley Systems, Inc., for all nine Bay Area counties and continued discussion with Bentley to assess data availability for information on vehicle categories and roadway heights. Staff discussed how grant awards can be tracked as emission reductions for West Oakland under AB 617 with Strategic Incentive Division (SID) and Planning Division staff. Staff completed a review memo on CARB’s proposed list of Bay Area facilities subject to the applicability criteria in the Criteria and Toxic Emissions Reporting (CTR) regulation. Under CEQA project work, staff collaborated with the Engineering Division staff to discuss the Initial Study for Schnitzer Steel’s proposed project to increase the annual number of ship calls. Staff also participated in a webinar on “How Air Quality Measurements Help You Reduce Port Emissions”, which discussed air quality monitoring systems used to identify air pollution issues at ports.

Staff continued work to evaluate changes in on-road vehicle traffic and pollutant emission reductions in the Bay Area due to the COVID-19 shelter-in-place order. Staff completed a review of the “Port of Oakland 2020 and Beyond” technical memoranda developed by the Port of Oakland and a study of benzene measurements collected in the Bayview/Hunters Point Shipyard area of San Francisco. Staff completed on-road mobile source emissions data processing for the base-year emissions inventory and started using the GitHub online version control platform to update the inventory methodology document. Staff completed the emissions summary for Assembly Bill (AB) 10X facilities using updated emissions collected under Regulation 12, Rule 15 (Petroleum Refining Emissions Tracking). Staff continued collaboration with the Engineering Division and My Air Online Team to assemble and process data to meet annual emissions reporting requirements for 2019. Staff participated in the Air District’s Organic Emissions Estimation (OEE) workgroup meeting for wastewater treatment plants and anaerobic digesters and supported the review of workgroup knowledge assessment document. Staff attended four webinars hosted by CARB, including Proposed Amendments to the Air Toxics “Hot Spots” Program Emission Inventory Criteria and Guidelines Regulation, revisions to the draft CTR regulation documentation, the annual Emission Inventory Technical Advisory Committee meeting on assessment and improvement of California’s emission inventory system, and an “Introduction to the New EMFAC Web Platform,” on CARB’s updated web-based application for estimating on-road mobile source emissions.

COMMUNITY ENGAGEMENT AND POLICY DIVISION E. YURA, DIRECTOR

Community Protection / AB 617 Rulemaking Efforts

Regulation 2: Permitting Rules

With the passage of AB 617, the Air District has new, explicit responsibilities to take the lead in improving the air quality in environmental justice communities within its jurisdiction. These responsibilities bolster the agency’s continued desire to reduce air pollution impacting disadvantaged communities and improving health outcomes.

In striving to achieve the goals of improving the permitting regulation, Rule Development staff is working with community stakeholders and staff from other divisions to develop regulatory concepts for public review. In 2019 and early 2020, Community Engagement and Policy Division staff met with community members in the following areas to receive their insights on amending the

permitting regulation: the Carquinez Strait region (Vallejo and Rodeo), Suisun Bay region (Pittsburg), Eastern San Francisco (Bayview-Hunters Point), East Oakland, the South Bay (Santa Clara County), the North Bay, and the Tri-Valley region. Staff continues to collaborate with community advocates in preparation for a public workshop on concepts for rule amendments this summer.

In preparation for a summer workshop on concepts for amendments to the permitting regulation, Executive staff directed Rule Development staff to further evaluate the following potential amendments to Rule 2-5: New Source Review for Toxic Air Contaminants, based upon feedback staff received from community advocates:

- (1) Make the allowable project risk limit in Rule 2-5 more stringent. Staff will evaluate how to make Rule 2-5 more health protective by reducing the allowable cancer risk and acute and chronic hazards;
- (2) Incorporate a cancer burden threshold into Rule 2-5. Staff will determine the potential scope, triggering threshold, and limit of a new standard that will inform the Air District, the project applicant, and the public of the magnitude of cancer risk posed to the surrounding population from a proposed project; and
- (3) Update the health risk screening assessment (HRA) procedure for gasoline dispensing facilities (GDFs) that are subject to Rule 2-5. Revisions to the HRA procedure will make New Source Review for Toxic Air Contaminants more accurately reflect the risk projects at GDFs pose to nearby receptors.

Additionally, Executive staff also directed staff from all relevant divisions within the agency to prioritize ways to assist community stakeholders in accessing information on impacts from Air District-permitted projects and facilities; working with relevant local, regional, and state authorities on land use permitting; and evaluating ways in which the Air District can continue to strive to eliminate disparities in air quality at the local levels.

AB 617 BARCT Schedule

AB 617 requires air districts to review the control technology installed on industrial sources located at facilities subject to the Cap-and-Trade program. CARB further clarified that industrial sources refer to those facilities that are eligible for free allowance allocations under the Cap-and-Trade Program. The Air District has 19 of these industrial facilities which are subject to Cap-and-Trade. These 19 facilities have over 1,800 sources in 50 source categories. The Air District was required to review these sources and determine if BARCT is being used. For the sources where BARCT is not being used, the Air District developed a preliminary BARCT determination for the source category and a schedule for finalizing the appropriate rules.

Staff briefed the Air District Board of Directors on the BARCT Schedule efforts on September 5, 2018. A public hearing was held at the Air District Board of Directors meeting on December 19, 2018, and the Board of Directors adopted the Expedited BARCT Implementation Schedule and certified the associated EIR. The current status of rule development efforts included in the AB 617 BARCT Schedule is shown below.

Figure 1: Expedited BARCT Implementation Schedule

<i>Rule Development Effort</i>	2019			2020			2021			Next Workshop
Rule 8-5: Organic Liquid Storage Tanks										Q1 2020
Rule 8-8: Petroleum Wastewater Treating										Q1 2020
Rule 9-13: Portland Cement Manufacturing										Q4 2020
Rule 6-5: Refinery Fluid Catalytic Crackers & CO Boilers										Q1 2020
Rule 8-18: Refinery Heavy Liquids Leaks										Q2 2020 ^a
Rule 9-14: Petroleum Coke Calcining Operations										Q1 2021

a: Delayed pending outcome of ongoing heavy liquid study.

Following the adoption of the AB 617 BARCT Schedule, staff initiated the formation of a Refinery Rules Technical Working Group (TWG) comprised of refiners, Western States Petroleum Association (WSPA), representatives from community organizations, other regulatory agencies, and Air District staff. The working group augments the development efforts of refinery rules and amendments that stem from the AB 617 BARCT Schedule, the Methane Strategy, and the 2017 Clean Air Plan. The purpose of the TWG is to work closely with participants to vet technical and cost information, discuss preliminary regulatory concepts, and serve as a forum for stakeholders to voice concerns on technical issues associated with development of rules affecting refineries. To date, staff has hosted TWG meetings covering the following discussion topics:

<i>Rule Development Effort</i>	<i>Meeting Date</i>	<i>Discussion Topic</i>
Rule 13-5: Hydrogen Production	July 2019	Facility operations and potential control options.
Rule 8-5: Storage of Organic Liquids	August 2019	Tank design overview and potential control options.
Rule 6-5: Refinery Fluid Catalytic Cracking Units	September 2019	Potential control options and costs.
	October 2019	Source testing and monitoring techniques.
Rule 8-8: Petroleum Wastewater Treating	January 2020	Potential control options and monitoring techniques.

Amendments to Rule 6-5: Particulate Emissions from Petroleum Refinery Fluidized Catalytic Cracking Units

Air District staff is developing amendments to Regulation 6: Particulate Matter, Rule 5: Particulate Emissions from Petroleum Refinery Fluidized Catalytic Cracking Units (Rule 6-5) to address emissions of particulate matter, including condensable particulate matter, from petroleum refinery fluidized catalytic cracking units. Petroleum refinery fluidized catalytic cracking units are some of the largest individual sources of particulate matter emissions in the San Francisco Bay Area, and further reductions of these emissions are needed to ensure progress towards attainment of state and national ambient air quality standards and to achieve further clean air and public health benefits. The current amendment effort follows previous Air District work to address these sources and was identified as a potential area for further rule development in the Air District’s 2017 Clean Air Plan and AB 617 Expedited BARCT Implementation Schedule.

Following the adoption of the AB 617 Expedited BARCT Implementation Schedule, Air District staff continued work on the development of amendments to Rule 6-5. An update on the implementation of currently adopted refinery rules and rule development efforts on amendments to Rule 6-5 was presented at a Board of Directors Stationary Source Committee meeting in April 2019. Air District staff conducted early stakeholder outreach on this rule development effort in meetings of the Refinery Rules Technical Working Group in 2019. Members of the technical working group, which include representatives from industry, community-based organizations, and regulatory agencies, provided input on control technologies and testing/monitoring methods related to fluidized catalytic cracking units and particulate matter control. Air District staff also presented an update on rule development efforts, including amendments to Rule 6-5, at a Board of Directors Stationary Source Committee meeting in April 2020.

Air District staff released draft amendments to Rule 6-5 and an Initial Staff Report in May 2020 for public review and comment. The draft amendments include new and modified limits on ammonia and sulfur dioxide, which can contribute to the formation of condensable and secondary particulate matter. The draft amendments also include a limit on total PM₁₀, which includes both filterable and condensable particulate matter. The draft total PM₁₀ limit represents an achievable level of control that has been demonstrated to be feasible at multiple facilities through the use of various control technologies, including electrostatic precipitators and wet gas scrubbers. Staff estimates that the draft amendments could reduce total PM₁₀ emissions by approximately 250 tons per year.

Air District staff is soliciting comments on the draft amendment materials and will consider input received during the public comment period in the further development of these amendments. Air District staff also presented an update on the draft amendments to Rule 6-5 at a Board of Directors Stationary Source Committee meeting in June 2020. Staff anticipates presenting proposed amendments for the Board of Directors consideration in the fourth quarter of 2020.

AB 617 Community Protection Rules

Through work with AB 617 communities such as West Oakland and Richmond, staff identified several emission source categories that need further research, and potential rule modifications. These rules/source categories include:

- Rule 6-1: Construction Activities
- Rule 6-2: Commercial Cooking Equipment
- Rule 8-7: Gasoline Dispensing Facilities
- Rule 8-45: Autobody Repair
- Rule 9-8: Backup Generators

Over the next year, staff will be looking at these rules/source categories to see if new strategies or additional controls can be incorporated to further reduce emissions. Staff has developed an outline of the Community Health Protection Proposal identifying rules, incentives and other programs that will contribute to these efforts.

Particulate Matter Strategy

The Air District's Advisory Council began convening a conference series on undifferentiated particulate matter, with a focus on fine ($PM_{<2.5}$) and ultrafine ($PM_{<0.1}$) particulate matter. This series will facilitate discussion among nationally recognized scientists, health professionals, industry, community members, and the Air District, identifying the most effective measures to further protect public health. The symposia will shine a spotlight on this public health challenge and share information and tools to inform future policy decisions. The first symposium took place on October 28, 2019 and covered topics on PM health effects and PM exposure and risk.

Concurrent with and in light of these discussions, Rule Development staff is currently investigating potential measures to further reduce PM emissions and public exposure, including sources such as restaurants, coffee roasters, or concrete batch plants. Staff is also following EPA's particulate matter review of the National Ambient Air Quality Standards, and the Air District submitted comments on the EPA's proposed action to retain the current standards without revisions that improve stringency.

On Thursday, February 27, 2020, staff participated in a PM Community Summit held in Richmond, California. The Summit highlighted Air District's efforts to better assess the impacts of particulate matter, the current rule development projects aim at reducing particulate matter emissions and exposure and policy concepts for further addressing particulate matter and reducing the public's exposure. The Summit was co-organized by representatives from 350 Bay Area, 350 Marin, All Positives Possible, California Climate Health Now, New Voices Are Rising, the Sunflower Alliance, and Vallejo Citizen Air Monitoring Network. Approximately 30 people attended, sharing a meal in addition to expressing their concerns regarding PM, its sources, and its health effects.

Staff is currently investigating ways to further reduce PM emissions that are consistent with the Air District's authority under that California Health and Safety Code.

Climate and Organics Rules

Rules 13-2: Organic Material Handling, and 13-3: Composting Operations

As part of its 75 percent by 2020 waste recycling goal and to reduce greenhouse gas emissions, California has mandated that organic waste be diverted from landfills. The increased volume of organic waste diverted from landfills is overwhelming the capacity of existing composting facilities, resulting in excess methane and volatile organic compound (VOC) emissions and significant odors from poorly managed composting operations, stockpiles, and other organic waste handling operations. CalRecycle estimates that these statewide organic waste diversion goals will nearly double the amount of organic waste processed in the Bay Area requiring 12 to 15 new facilities on top of the 20 facilities currently permitted in the Air District.

Staff has suspended the formal rule development process for both rules. The COVID-19 Pandemic has taken an incredible toll on not only the health and well-being of the residents of the Bay Area and the planet, but also on the economy and our ability to fully engage with our external stakeholders, including affected industry, community representatives, and others.

Staff will continue stakeholder engagement to the extent feasible through the formation of an Organic Recovery Technical Working Group composed of Air District staff members, representatives from this industrial sector (e.g., organic material handling facilities and industrial composting operations), industry associations, technical experts, non-governmental organizations, other governmental agencies (e.g., CalRecycle and local enforcement agencies), and community representative and advocates. The purpose of the Technical Working Group is to establish a forum for collaboration with stakeholders on technical issues, such as best management practices, data gathering and monitoring methods, and potential emissions controls.

Rule 13-4: Sewage Treatment & Anaerobic Digestion

Throughout 2019, staff undertook technical assessment for a rule to reduce methane and other air pollutant emissions from publicly owned sewage treatment plants and from wet and dry anaerobic digester operations. Control Measure WR1 in the 2017 Clean Air Plan stated the need for reductions of methane and nitrous oxide from wastewater treatment. Additionally, state mandates to divert organic materials from entering landfills are expected to result in a significant increase in material being sent to other waste processing facilities, including sewage treatment plants and anaerobic digesters.

Staff presented rule development concepts during public workshops in June 2019. The concepts include providing definitions for terms used to describe the anaerobic digestion and sewage treatment processes. Regulatory concepts also include standards to ensure that biogas is produced and collected in such a way as to minimize leaks or releases of methane into the atmosphere, and that emissions of other greenhouse gases and volatile organic compounds are minimized. These standards might include feedstock and digestate handling, leak detection and fugitive emissions minimization, flaring requirements, and recordkeeping and reporting requirements. In September 2019, staff met with members of the Bay Area Clean Water Agencies' (BACWA) Air Issues and Regulations (AIR) Committee as part of an annual Air District-BACWA meeting. AIR Committee members stated that they are interested in collaborating with Air District staff on draft Rule 13-4 development.

Rule Development staff led a subgroup focused on characterizing emissions from sewage treatment plants and anaerobic digesters as part of the Air District's internal Organics Emission Estimation (OEE). The knowledge assessment phase of this process was completed in January 2020. Staff does not currently have a proposed date to present this rule to the Board of Directors and has put a hold on active rule development efforts during the data gathering process to better understand emissions from these facilities.

Rule 13-5: Refinery Hydrogen Producing Operations

Hydrogen gas releases from petroleum refinery hydrogen plant operations, and from naphtha reforming operations, sometimes include methane and other organic gas. The methane emissions are currently exempt from most Air District regulations because methane emissions do not contribute to ozone formation. As a result, the Air District has no regulatory basis for requiring facilities to control methane emissions from these operations. Now that the Air District is addressing methane emissions, a powerful GHG, staff is developing a rule to control methane emissions from hydrogen plants, one of the largest methane sources from petroleum refineries.

A workshop for Draft Rule 13-5 was held on Monday, January 27, 2020, at Air District headquarters. A few questions were asked by the attending audience. Written comments were received by staff in mid-February 14, 2020. Staff met with WSPA and refinery representatives on March 4, 2020 and Air Products, a third-party hydrogen plant operator on March 12, 2020 to discuss their written comments as they related to draft Rule 13-5.

As a result of staff's further research into hydrogen plant operations, coupled with feedback from industry regarding the January workshop for Rule 13-5, staff has revised the draft rule significantly. Staff anticipates a revised draft of Rule 13-5 will be released in early July for additional public comments, and a proposed rule will be presented to the Board of Directors for consideration by early November 2020.

Rule 8-34

Rule 8-34 regulates emissions of VOCs (NMOC and methane) from municipal solid waste sites. It was last substantively amended in 1999. Staff released a concept paper, which was shared with the public and industry in May 2019. The concept paper was discussed at a series of three workshops held in June 2019 that focused on climate pollutants and organics. No comments were submitted during the comment period following the final workshop, but staff received verbal input at the three (3) events.

Rule 8-34 is currently being amended in two phases, which may include a number of conceptual elements, such as alignment with the state's Landfill Methane Rule (LMR) for increased stringent and consistency; additional clarifications and incorporation of best practices, monitoring, repairs, recordkeeping, and reporting requirements; and additional stringency measures as informed by ongoing research efforts, such as the Organics Emissions Estimations (OEE) effort. Staff anticipates that the first phase of amendments will involve a public comment period in Q3 2020 for draft amendments, with proposed amendments presented to the Board of Directors for consideration in Q1 2021. Staff is currently preparing for early engagement with stakeholders on potential amendment concepts and topics.

Potential additional measures would be informed by additional study and analysis, including incorporating knowledge from the Air District's OEE effort for landfills and from other statewide and national methane research efforts. Results from airplane flyovers have indicated that methane emissions from landfills are much larger than had been previously calculated; the OEE effort and its results will help address this. There is also potential to collaborate with industry and/or academia, as well as external entities.

Rule development staff also visited multiple large landfills to observe the site layouts, learn about operations, and discuss the amendment process with employees at the site, including landfill operators, environmental staff and consultants. Staff will continue to visit more of the 38+ landfills within the Air District and collaborate with Air District Compliance & Enforcement landfill efforts.

Building Decarbonization

Staff is assessing potential rule development efforts in support of the District's building decarbonization strategy. Staff is currently evaluating potential amendments to rules 9-4 and 9-6, which set point of sale requirements for in-home natural gas fired water heaters and furnaces. Potential updates to these rules include tightening of emission standards for nitrogen oxides as well as introducing a standard for total greenhouse gas emissions from these appliances. Staff is also evaluating similar potential amendments to Rule 9-7, which regulates nitrogen oxide emissions from industrial, institutional and commercial boilers, steam generators, and process heaters.

In concert with on-going climate and planning efforts surrounding management of high-GWP F-gases, Rule Development staff is additionally considering the introduction of a new rule for the inspection and maintenance of large air conditioning systems in order to minimize leaks and climate impacts from this equipment. Staff does not currently have a proposed date to present this suite of rules to the Board of Directors.

Community Engagement and Outreach Programs

AB 617 Community Health Protection Program

- **June 30, 2020** – Staff attended CARB Webinar on Community Selection.

West Oakland AB 617

- Staff continue to meet with our West Oakland Co-Leads (WOEIP) on a weekly basis via Zoom videoconference to discuss next steps for implementation of the Community Action Plan and design the following month's Steering Committee meeting.
- Oakland's Very Own Speakers Series kicked off and will precede Steering Committee meetings. The series is designed to educate on the history of West Oakland and create an informal space that encourages interaction during virtual meetings.
- **June 25, 2020** – One of the four subcommittees, Transit, Bike and Walk met. The community led body is in the process of prioritizing emission reduction strategies and presenting them to the Steering Committee.
- The Land Use, Port & Freight and Health & Living Buffer Subcommittees met to hear presentations, discuss and prioritize emission reduction strategies.
- West Oakland EIP, a representative from the Steering Committee and Air District staff conducted interviews with the top facilitation RFQ candidates.
- WO EIP and staff met with the Co-Chairs of the four respective subcommittees via the Zoom platform to craft agenda, plan presentations and discuss emission reduction strategies in preparation for full subcommittee meetings scheduled for late May and early June.

- Staff met with WO EIP and a Steering Committee community member via Zoom to discuss the top four RFQ candidates for the West Oakland AB 617 facilitation and logistics contract. Interview questions were drafted for the candidates and interview dates and times were scheduled to determine which contractor will be awarded the role.
- Community Engagement and Planning Staff convened meetings with the four respective Subcommittee Co-Chairs. Co-Chairs and staff discussed agenda items, facilitation and leadership roles for subsequent meetings to held in May.
- Staff conducted Port and Freight subcommittee level meetings via Zoom conference call to discuss and prioritize emission reduction implementation strategies.
- **April 1, 2020** – With technical and Zoom platform support from Community Engagement, West Oakland Environmental Indicators Project hosted a Leadership Development Webinar. This webinar targeted subcommittee and steering committee members that will be taking the lead in terms of evaluating and prioritizing emission reduction strategies.

Richmond AB 617

- Staff continue to meet with the Richmond/San Pablo Co-Lead Team (five community members representing: NAACP, First 5, RYSE Youth Center, Santa Fe Neighborhood Council, and a local resident from East Richmond) on a weekly basis to plan Steering Committee meetings and discuss elements of the Community Air Monitoring Plan.
- **June 29, 2020** – Staff facilitated a 1:1 conversation with the ED from RYSE Youth Center in Richmond. Purpose of the meeting is to discuss a thoughtful and intentional strategy for youth engagement in the Path to Clean Air process. Next step is to convene a meeting between RYSE, Rose Foundation and CARB to coordinate and align the youth engagement strategy.
- **June 24, 2020** – Staff participated in the 14th Community Air Monitoring Plan Steering Committee meeting via Zoom. The purpose of the meeting was to discuss the draft monitoring plan and the process for moving into monitoring implementation.
- **June 15, 2020** – Staff participated in the 5th CERP Community Design Team. The Design Team is comprised of 10 members from the Richmond community who are working with staff to develop the Steering Committee membership and charter for the CERP.
- Path to Clean Air Virtual Steering Committee meeting via the Air District’s online community engagement platform Open Air Forum. The meeting was scheduled to open for comments until May 6 and the Co-Leads decided to close it on May 20. The team held two Zoom office hours (April 22 and May 1) for SC members who would like to ask specific questions or interact “in-person” with the Air District, community co-leads and initial monitoring project leads (Aclima and CARB grantees).The virtual steering committee meeting was visited more than 100 times and received close to 70 comments.
- **May 18, 2020** – Staff attended the fourth meeting with the CERP Community Design Team to develop the community engagement process and Charter for the Path to Clean Air in Richmond/San Pablo’s evolution to a CERP-focused Steering Committee. The Design Team is comprised of 10 community members from the Richmond/San Pablo community.
- **May 4, 2020** – Staff attended the third meeting with the CERP Community Design Team to develop the community engagement process and Charter for the Path to Clean Air in Richmond/San Pablo’s evolution to a CERP-focused Steering Committee. The Design Team is comprised of 10 community members from the Richmond/San Pablo community.
- **April 13, 2020** – Staff attended the second meeting with the CERP Community Design Team to develop the community engagement process and Charter for the Path to Clean Air in Richmond/San Pablo’s evolution to a CERP-focused Steering Committee. The Design Team is comprised of 10 community members from the Richmond/San Pablo community.

Spare the Air Youth

Spare the Air Resource Teams

- **May 21, 2020 – Contra Costa County Spare the Air Resource Team** – The Contra Costa County Spare the Air Resource Team met via conference call to share updates from the Air District, Cleaner Contra Costa, and Sustainable Contra Costa. The team also reviewed new Idle Free outreach materials and made final budget decisions for this program year, ending June 30, 2020.
- **May 21, 2020 – Santa Clara County Spare the Air Resource Team** – The Santa Clara County Spare the Air Resource Team held a Zoom Roundtable Special Event “*What Happens Next?*” to discuss how a re-open will affect our commutes and answer other relevant questions.
- **May 15, 2020 – Tri-Valley Spare the Air Resource Team** – The Tri-Valley Spare the Air Resource Team met via conference call on Friday, May 15, 2020 at 1:00 pm. to make a decision about whether to move forward with the *Zip It!* Webinar on June 17, 2020 or pick a later date. The purpose of the webinar is to educate employers on the benefits of using employee zip code data to promote commute alternatives and demonstrate how to create a zip code density map.
- **April 17, 2020 – Sonoma County Spare the Air Resource Team** – The Sonoma County Spare the Air Resource Team held a conference call on Friday, April 17, 2020, from 10:30 am – 11:15 am, to check in and discuss any needed adjustments to project planning, consider new social media messaging for GoSonoma or Idle Free outreach.
- **April 10, 2020 – Napa Valley Clean Air Coalition** – The Napa Valley Clean Air Coalition held a conference call on Friday, April 10, 2020, from 12:45 pm – 1:30 pm, to share updates on the team’s Idle Free Bay Area efforts, Bike Month Events, and virtual Earth Day guides. The team also received an update on Regeneration Napa County – Sustainability Platform.
- **March 26, 2020 – Southern Alameda County Spare the Air Resource Team** – The Southern Alameda County Spare the Air Resource Team held a conference call on Thursday, March 26, 2020, from 1:15 pm – 2:15 pm, to discuss next steps for the Idle Free interactive display at the Museum of Tomorrow. The team also brainstormed ideas for how the team can promote Idle Free Bay Area around Earth Day.
- **March 26, 2020 – Tri-Valley Spare the Air Resource Team** – The Tri-Valley Spare the Air Resource Team held a conference call on Thursday, March 26, 2020 from 3:00 pm – 4:00 pm, to continue planning the team’s webinar, Zip-a-Dee-Doo-Dah to help employers use their employee zip code data to decrease SOV commuting. The team also discussed ideas for incentives to encourage commuting by bike and use of the Miles App.
- **March 25, 2020 – San Francisco Spare the Air Resource Team** – The San Francisco Spare the Air Resource Team held a conference call on Wednesday, March 25, 2020, from 12:30 pm – 2:00 pm, to provide feedback to SFMTA and SFE on the Relocation Project, discuss and make decisions about incentives to encourage attendance at bicycle safety classes, make plans for a webinar on TDM Emergency Preparedness with the Water Emergency Transportation Authority (WETA) and discuss hosting a field trip to explore Better Market Street.

Community Grant Program

- Staff continued working with School Community Grantees and James Cary Smith Grantees to adjust timelines for deliverables as needed due to COVID-19. The grant terms were initially through 6/30/20; however, many grantees are unable to complete scheduled grant activities during the current school year as planned due to orders to shelter in place.

Community Meetings, Workshops and Site Visits

- **June 9, 2020** - Staff met with the Particulate Matter Community Design Team to discuss next steps for engaging community members in the PM reduction strategy process.
- **June 3, 2020** – Staff discussed the Green and Healthy Homes Initiative with community partners in Contra Costa County, and with representatives from Contra Costa Health Services.
- **May 29, 2020** - Staff met with the Particulate Matter Community Design Team to debrief the 5/12 Advisory Council meeting and to discuss next steps for engaging community members in the PM reduction strategy process.
- **May 26, 2020** – Staff facilitated a conversation with Director Hurt and a collective of EJ Leaders from across the Bay Area to integrate community perspectives into the Ad Hoc Committee on Equity, Access and Inclusion.
- **May 21, 2020** – Staff met with five EJ leaders representing Bay View, South Vallejo, West Oakland and Richmond to prepare for an upcoming meeting with Director Hurt. The meeting focused on providing an EJ lens on the Charter guiding the new Ad Hoc Committee on Equity, Access and Inclusion and to set the agenda for the meeting with Director Hurt.
- Staff spoke with members of the Particulate Matter Community Design Team about potential next steps for the PM Symposia, and shared this information with Air District leadership and the Chair of the Advisory Council.

Other

- **June 2, 2020** – Staff participated in a CalEPA & CNRA virtual conference on Online Environmental Engagement. Panels and discussions included equitable inclusion of community voices in the era of COVID-19, and tools to increase access to participatory processes.
- Staff met with a Bay Area representative group of Environmental Justice community leaders, introducing them to the Equity, Access and Inclusion Board Committee Chair Davina Hurt. Discussion centered on trust building, charter language and community member participation at future committee meetings.
- **May 21, 2020** – Staff participated in Greenlining’s Virtual Economic Summit. Discussions, panels and breakouts centered on COVID 19’s impact on people of color: Black, brown, immigrant, Asian and native American communities.
- **May 20, 2020** – Staff attended a Zoom presentation hosted by Planning and Climate with Cisco DeVries, the CEO of OHMConnect, on OHM’s program to pay electric customers to shave peak load.

- **May 12, 2020** – Staff coordinated the participation of Community Particulate Matter Design Team members representing seven local organizations in the Advisory Council meeting. Design Team members Jed Holtzman and LaDonna Williams made presentations, and all members shared their concerns regarding particulate matter and its health effects with Advisory Council members.
- **May 5, 2020** – Staff attended a meeting hosted by Rules Section with EJ Community members from Vallejo and Bay View/Hunters Point to discuss concepts for the permitting regulation update and community engagement opportunities
- Environmental Justice Work Group Coordination: Staff coordinated with Environment Justice advocates from all AB 617 priority communities to ensure that they could tune into the Ad Hoc Equity, Access and Inclusion Board Committee meeting. Staff ensured that those who wanted to comment virtually were able to and followed-up after the meeting to begin planning a meeting between the EJ Community Leaders and Committee Chair Hurt.

**OFFICE OF DIVERSITY, EQUITY, AND INCLUSION
M. OKPALAUGO, ACTING DIRECTOR**

In the second quarter of 2020, the Office of Diversity, Equity & Inclusion (DE&I Office) focused on seven (7) functional areas; Board of Directors/Ad Hoc Committee on Equity, Access and Inclusion support, strategic planning, Human Resources strategies, community engagement involvement, DE&I events/activities, and cultural awareness communications.

Board of Directors/Ad Hoc Committee on Equity, Access & Inclusion Support

In May 2020, the DE&I Office met Air District Board of Directors’ newly formed Ad Hoc Committee on Equity, Access and Inclusion (Committee) Chair, Davina Hurt, to discuss revisions to the Committee’s charter statement, areas of responsibilities, overlap of responsibilities with the Community and Public Committee, how to incorporate the voices of impacted communities into Committee discussion, and the next meeting of the Ad Hoc Committee on Equity, Access and Inclusion with community groups.

Later in May 2020, the DE&I Office staff assisted the Committee by participating in the Environmental Justice Leadership community meeting. At the meeting, in addition to staff, community leaders from Vallejo, Richmond, West Oakland, and San Francisco’s Bayview Hunter’s Point community participated. Community members shared their thoughts regarding the Ad Hoc Committee’s charter statement and discussions began regarding clarity on roles/responsibilities and accountability.

In June 2020, as part of the DE&I Office’s Board Speaker Series, Dr. Iton, Senior Vice President of Healthy Communities at the California Endowment, presented to the Board of Directors on Policy Violence: The Root Cause of Health Inequity. Dr. Iton’s premise was one’s zip code plays a larger role on their health outcome and life expectancy than their genetic code.

Later in June 2020, the DE&I Office worked with the Communications and Community Engagement team to assist with drafting Resolution No. 2020 – 08, Condemning Racism and Injustice and Affirming Commitment to Diversity, Equity, Access and Inclusion for Board of Director consideration. The approved resolution condemning racism, discrimination, and police brutality was signed by the Board of Directors during a Special Board Meeting that was held on June 17, 2020.

Strategic Planning

The DE&I Office created a 5-year (year by year) demographic analysis of all Air District employees by gender and race/ethnicity. Below is a snapshot of one element of the data within the report.

ALL EMPLOYEES	2015	2016	2017	2018	2019
Male	64%	63%	61%	59%	58%
Female	36%	37%	39%	41%	42%
American Indian/Alaskan Native	1%	1%	1%	1%	1%
Asian	35%	37%	38%	39%	39%
Black	8%	8%	8%	8%	8%
Hispanic	7%	7%	8%	8%	8%
White	48%	46%	47%	43%	44%

Note: Figures shown (+/- 1% due to rounding)

The information above was utilized to establish a baseline for current/future efforts by the DE&I Office and the management team to track the progress and results of recruitment and retention equitable practices and policies at the Air District.

In April 2020, the Air District’s DE&I consultant conducted its final employee focus group session. This session provided a forum for employees to share their perspectives on their experience with diversity, equity and inclusion at the Air District. Subsequently in June, the DE&I Office reviewed the initial drafted DE&I Organizational Assessment received from the consultant. Based upon the general themes outlined within the document, the Office and the Executive team met with employees to discuss suggestions they believed could assist the Agency moving forward to ensure equitable opportunities for all.

In May, the DE&I Office met with its Equity Resource Team, consisting of employees across the agency from different divisions and classification levels who previously attended the Government Alliance on Race and Equity (GARE) curriculum trainings. During this meeting, the Office requested the Team research all equity programs and initiatives throughout the agency and compile the researched findings into an executive summary report.

In June, as part of the DE&I Office’s continued strategy to allow its employees a platform to shape the growth and development of internal programs and practices, the Office met with the African American Resource Team (AART). The group provided recommendations on ways they believe the agency could strengthen efforts to support the African American community (internally and externally.)

Human Resources Strategies

In April 2020, the DE&I Office met with the Human Resources Management team and HR consultant, Illumyx to discuss efforts to align the agencies key priorities and related to engagement and culture but also to form the basis for action planning. Ultimately, the findings and recommendations of the consultant will serve to strengthen the culture, improve organizational performance and implement accountability strategies in all policies, practices, and procedures. As part of Illumyx's initial information discovery, a poll was taken on April 30, 2020, to assess the climate at the Air District. On May 6, 2020, the DE&I Office reviewed the poll results with Human Resources. Regarding the results of the poll, staff indicated the top three strengths at the Air District are employee commitment, vision, mission and purpose, and teamwork and collaboration. The top three opportunities described were communication & feedback, manager relations, and trust and commitment. Illumyx will use these results to assist them in the development of an action plan to address and further strengthen the agency. Next steps in Q2 involved employee culture Focus Group discussions and 1:1 interview.

In May 2020, the DE&I Office staff presented on the Chief Administration Officer's bi-weekly Agency update meeting. Information shared from the Office included candid thoughts on racism, and upcoming Air District diversity, equity and inclusion efforts to combat the damaging effects.

In June 2020, the DE&I Office met with Human Resources management and Kennieth McKeller, President of the Employee Association (EA) to select 14 employees to participate on the Air District's Cultural Advisory Team. This team of employees from across the Agency will work with Human Resources' consultant, Illumyx to evaluate and seek to further strengthen the Air District's culture by fostering a supportive and inclusive environment for all employees.

Community Engagement

In April 2020, the DE&I Office met with the Community Engagement team to discuss initial ways for the DE&I Office to support community engagement work and training needs of its various stakeholders. Stakeholders included the AB 617 support teams, steering committees, community partners, and staff.

In June 2020, the DE&I Office met with the Community Engagement team and community leaders from Vallejo, Richmond, West Oakland, and San Francisco's Bayview Hunter's Point community to listen to their concerns on equitable treatment and ensuring their thoughts and life experiences are respected and valued in the pursuit of environmental justice as related to policies, practices and procedures.

Events

During the second quarter of 2020, the DE&I Office held its Cultural Book Club discussion with staff. The book discussed was, *Minor Feelings, An Asian American Reckoning*. This book was initially chosen by the DE&I Office's Asian American/Pacific Islander Resource Team. Most of the pre-reading was done by employees in the month of May during Asian American/Pacific Islander heritage Month.

In June 2020, the DE&I Office created and moderated an, If Beale St. Could Talk, discussion. This series, along with the Cultural Book Club, allows employees an opportunity to discuss designated topics and share their thoughts with fellow employees from the Air District, MTC and BCDC. The theme of the, If Beale St. Could Talk session was, #WhatMatters2020. Topics discussed ranged from perspectives on COVID-19, civil unrest, Black Lives Matter/All Lives Matter, police brutality, police reform, the Confederate flag and statues, and more.

Communications/Newsletters

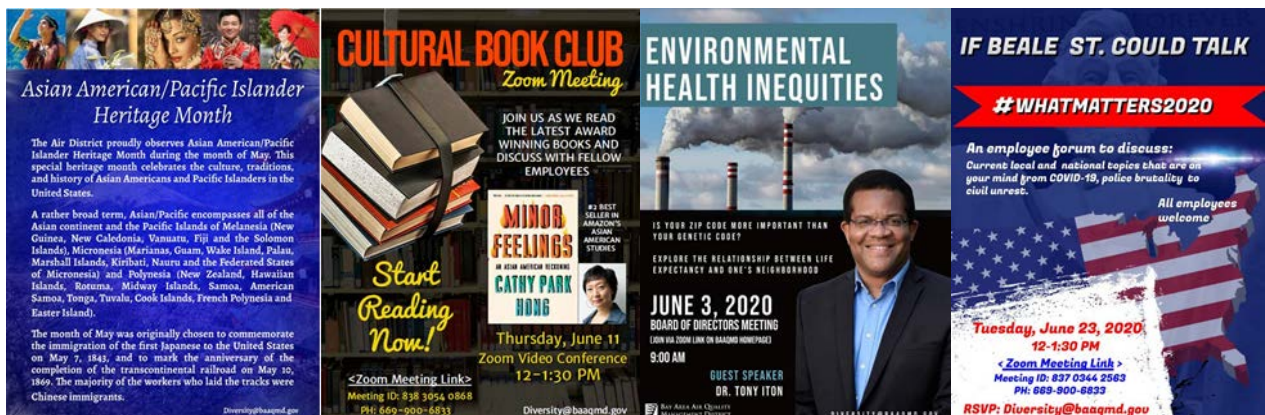
In light of civil unrest spurred by the tragic death of George Floyd as a result of the police brutality, the Office drafted a statement for Executive Officer/APCO to send to all employees condemning racism, discrimination, and police brutality.

In June 2020, the DE&I Office drafted an email on behalf of Executive Officer/APCO to all employees regarding the significance of the Juneteenth celebration.

On the Public Bulletin Board, the DE&I Office continues to share cultural and educational material such as for Asian American/Pacific Islander heritage Month a feature on Dr. Chien-Shiung Wu, an Asian American Physicist, Dr. Eugene Trinh, the first Vietnamese astronaut in space, and Asian American Judge Herbert Choy. In May, educational information was also shared regarding Cinco de Mayo - an annual celebration held on May 5, 2020. The date is observed to commemorate the Mexican Army's victory over the French Empire at the Battle of Puebla, on May 5, 1862. Also, in May, information was shared regarding Eid Al-Fatir – an important religious holiday celebrated by Muslims. In June, information provided focused on LGBTQ Pride Month and Juneteenth. Juneteenth is the oldest nationally celebrated commemoration of the ending of slavery in the United States.

During the second quarter of 2020, as a result of social civil unrest across the United States, many employees inquired about additional social justice, anti-racism and mental health resources outside of the Air District's traditional Employee Assistance Program (EAP). The Office provided employees a document filled with helpful links to suggested books, workbooks, and related articles.

The DE&I Office provides bi-weekly information in the employee newsletter regarding education and cultural awareness topics and themes. Shown below are a sample of communications including; Asian American/Pacific Islander Heritage Month, Cultural Book Club discussions, Dr. Tony Iton's Board of Directors presentation and If Beale St. Could Talk's #WhatMatters2020.



**STRATEGICS INCENTIVES DIVISION
K. SCHKOLNICK, DIRECTOR**

Key Performance Indicators - NEW!

Key Performance Indicators shown below are for the period April 11, 2020 to June 30, 2020, unless otherwise indicated.

<i>Activity</i>	<i>Count</i>	<i>Amount</i>
Executed Agreements with Funding Source	3	\$38,992,697
Grants Development: Notice of Award	1	\$2,120,345
Executed Grant Agreements with Project Sponsors	39	\$25,646,884
Completed Project Evaluations	38*	\$5,682,648*
Disbursement Requests Submitted	2	\$2,068,357.16
Disbursements/Revenue Received from CARB	7	\$26,497,279.96
Presentations and Webinars	4	138 attendees
Reports to Funding Source	3	<ul style="list-style-type: none"> • Semi-Annual Report: CAP • Quarterly Report: Prop 1B GMP • Progress Report: Goodwill Electric Truck Project
Comment Letters / Letters of Support	1	<ul style="list-style-type: none"> • To CARB: At Berth Regulation 15-Day changes

*Reported for period 4/25/20 – 6/30/20

Open Grant Solicitations Administered by SID:

- **Carl Moyer Program** – More than \$12 million is available this fiscal year for eligible projects that upgrade or replace on-road vehicles, school buses, transit buses, off-road and agricultural equipment, marine equipment, and locomotives. Applications are being accepted on a first-come, first-served, basis until all funds are awarded. www.baaqmd.gov/moyer
- **Community Health Protection Grant Program** – Funding is available this fiscal year for eligible projects that reduce toxic air emissions and ozone-forming pollutants from mobile and stationary sources by replacing old, high-polluting vehicles and equipment. Priority is given to projects in the AB 617-identified communities of West Oakland, Richmond-San Pablo, East Oakland/San Leandro, Eastern San Francisco, Pittsburg-Bay Point area, San Jose, Tri-Valley area, and Vallejo. Community input will play an important role in guiding the Air District’s outreach and process for identifying priority projects. Applications will be accepted on a first-come, first-served basis until all funds are awarded to owners of eligible equipment and vehicles. www.baaqmd.gov/ab617grants

- **Lower-Emission School Bus Program** – Funding is available for public school districts, Joint Powers Authorities (JPAs), and contracted fleets in the Bay Area for bus replacements, engine repowers or electric conversions, natural gas tank replacements, and electric charging & alternative fueling infrastructure projects. Applications are being accepted on a first-come, first served basis until all funds are awarded. www.baaqmd.gov/lesbp
- **Vehicle Buy Back Program** - Pays Bay Area residents \$1,200 per vehicle to turn in their operable, registered, model year 1997 and older passenger car or light-duty truck for scrapping. www.baaqmd.gov/vbb
- **Bicycle Facilities** – \$8 million was available this fiscal year for public agencies that installed new bikeways and bicycle parking. Applications were accepted on a first-come, first-served basis, and closed on June 10, 2020. www.baaqmd.gov/tripreduction
- **Light Duty Hydrogen Stations** - \$5 million in VW funding was available to augment the \$45.7million offered through the California Energy Commission’s (CEC) Clean Transportation Program’s [Hydrogen Refueling Infrastructure solicitation](http://www.baaqmd.gov/hydrogen) (GFO-19-602). The competitive solicitation closed on Friday, May 22, 2020. <https://www.californiavwtrust.org/h2-infrastructure/>
- **Zero-Emission Freight and Marine Program** - \$35 million in VW funding is available statewide on a competitive-basis for funding zero-emission airport ground-support equipment, cargo handling equipment, marine vessel engines, and shore power projects. **The application deadline is August 31, 2020.** <https://www.californiavwtrust.org/zero-freight-marine/>

Key Accomplishments and Milestones:

Transportation Fund for Clean Air (TFCA) – Funded through a \$4 surcharge on motor vehicles registered within the nine-county Bay Area to implement projects that reduce on-road motor vehicle emissions within the Air District’s jurisdiction. Sixty percent (60%) of TFCA funds are awarded directly by the Air District. The remaining forty percent (40%) are passed-through and awarded by the nine designated agencies within the Air District’s jurisdiction.

- **Regional Fund and Air-District Sponsored Projects:**
 - On April 15, 2020, the Board approved the **allocation of \$27.53M in TFCA revenue for FYE 2021**, including up to \$12.11M in carryover funds and authorized the proposed cost-effectiveness limits for Air District-sponsored programs.
 - **Regional Fund Policies** – On June 3, 2020 the Air District’s Board of Directors approved the Regional Fund Policies for FYE 2021.
 - **Vehicle Trip Reduction Program** – The solicitation opened on August 6, 2019 and closed on June 18, 2020. Twenty-four applications were received including ten for transportation service projects and fourteen for bicycle facility projects. Twenty eligible projects have been recommended for award, totaling approximately \$5,579,100, that would: construct 3 Class IV bikeways and 2 Class I bikeways; provide shuttle services serving as a first-and-last mile connection to mass transit; provide one rideshare program; support two trip

reduction pilots; and construct 1,508 new bike parking spaces. The remaining four projects are either under review or have been deemed ineligible.

- **May 21, 2020:** Staff attended the Metropolitan Transportation Commission's Active Transportation Working Group.
- **County Program Manager (CPM) Fund:** During this quarter, staff authorized the second FYE 2020 payment of TFCA funds to seven of the nine CPMs, and hosted two CPM Work Group meetings to discuss: proposed updates to the TFCA CPM policies for FYE 2022, the audit of the CPM Fund, and upcoming program deadlines. Staff also received reports from each county providing a status update on all open and recently completed CPM projects.
 - **Outreach:**
 - **May 6, 2020:** Staff teleconferenced with Napa Valley Transportation Authority to discuss CPM policies, updates, and upcoming deadlines.
 - **May 11, 2020:** Staff teleconferenced with Solano Transportation Authority to discuss potential FYE 2021 projects.
 - **May 7, 2020 and June 12, 2020:** Staff teleconferenced with Transportation Authority of Marin to discuss FYE 2021 CPM projects, and final reporting requirements for a FYE 2019 project.
 - **June 24, 2020:** Staff teleconferenced with City/County of Association of Governments of San Mateo County to discuss eligible TFCA projects.
- **TFCA Audit #21:** Fiscal audits are conducted on all TFCA-funded projects to confirm whether TFCA funds were used to implement the approved projects in accordance with applicable State law. This quarter, staff coordinated with auditors Simpson & Simpson regarding audit of over 15 TFCA Regional Fund projects that were completed between July 1, 2018 and June 30, 2019 and 100 County Program Manager Projects were completed between July 1, 2017 and June 30, 2019. Throughout the quarter, Staff and the auditor had ongoing communications regarding the status of the projects involved in the current Audit and how schedules may be impacted with the shelter-in-place order. On June 26, 2020, Staff teleconferenced with representatives from Simpson & Simpson regarding preliminary and potential audit findings.

Carl Moyer Program (CMP), Lower-Emission School Bus Program (LESP), Funding Agricultural Replacement Measures for Emission Reductions Program (FARMER), and AB134 / SB856 – In cooperation with CARB, the Air District administers State-funded grant programs including the CMP, LESBP, FARMER, and the Community Health Protection Grant Program. These programs provide funding to reduce emissions from existing heavy-duty engines in on-road vehicles, school buses, off-road and agricultural equipment, marine equipment, and locomotives. Staff conducted outreach to promote funding opportunities, submitted disbursement requests and funding reports, and participated in meetings and educational/informational events related to these programs.

- **April 14, 2020:** Staff conducted a vendor webinar to train certified CMP on-road vendors.
- **Requests and Reports:**
 - **April 6, 2020 and May 19, 2020:** In April, staff submitted the final disbursement request for \$16,656,459 in CAP 2 funds and in May received a disbursement of \$16,656,459.
 - **April 6, 2020 and May 6, 2020:** In April, staff submitted the final disbursement request for \$7,338,296 in CMP Year 21 funds and in May received a disbursement of \$7,338,296.
 - **April 6, 2020:** Staff submitted the final disbursement request for \$1,013,125.94 in CMP Yr 21 State Reserve Program funds.
 - **April 6, 2020 and May 4, 2020:** In April, staff submitted an initial disbursement request for \$1,657,785 in CMP Year 22 funds and in May received a disbursement of \$1,657,785.
 - **April 27, 2020:** Staff participated in a FARMER Demo meeting with CARB to evaluate six Agricultural zero-emission demo applications.
 - **April 29, 2020:** Staff received repayment of \$16,284.10 from Westar Marine Services for a non-performing project.
 - **May 5, 2020 and June 15, 2020:** In May, staff executed a grant agreement with CARB for CMP Year 22 state reserve funds, and in June staff received a disbursement of \$292,658.
 - **June 23, 2020:** Staff received the fully executed Grant Agreement from CARB for CAP3.
- **Meetings and Events:**
 - **April 8, 2020:** Staff participated in a CARB call on CARL reporting issues.
 - **April 9, 2020:** Staff participated in CARB's on-road, off-road and LSI training.
 - **April 27, 2020:** Staff participated in a call with ARB to discuss BAAQMD demonstration applications.
 - **May 12, 2020:** Staff participated in a CAPCOA meeting to discuss Moyer/VIP Guideline changes for near-zero emission and zero emission technologies.
 - **May 14, 2020:** Staff attended the CARB CAP Ch. 6 Incentives Webinar.
 - **May 21, 2020:** Staff participated in CARB's Large Spark Ignition (LSI) Fleet Regulation Training.
 - **June 22, 2020:** Staff participated in a call with CARB regarding the Air District's grant incentive programs for diesel truck replacements.
 - **June 24, 2020:** Staff participated in the CAPCOA Sub-Committee for Carl Moyer On-road Chapter 4 Updates.

Proposition 1B Goods Movement Program (GMP) – This program provided funding to upgrade or replace diesel equipment including trucks, locomotives, Transportation Refrigeration Units (TRUs), cargo handling equipment, and shore power equipment. Staff conducted outreach to promote funding opportunities, submitted disbursement requests and funding reports, and participated in meetings related to these programs.

- **Requests and Reports:**
 - **April 20, 2020:** Staff submitted a quarterly report to CARB.
 - **June 15, 2020:** Staff submitted a Goods Movement Program grant disbursement request for \$114,597.07 in funding.
 - **June 29, 2020:** Received Fully executed GMP Grant Agreement with CARB.

- **Meetings and Events:**

- **April 30, 2020:** Staff attended a Goods Movement Collaborative Working Group Meeting.
- **June 18, 2020:** Staff participated in a Prop 1B check-in meeting.

Other Programs and Special Projects:

- **AC Transit Hydrogen Fuel Cell Bus Project** – This project is co-funded by CARB and \$1M from TFCA to deploy 10 hydrogen fuel cell electric buses and to make upgrades to an existing fueling station in the City of Emeryville. This quarter, staff attended two meetings with Project partners to discuss Project progress. All 10 project buses were received by AC Transit by September 30, 2019.
- **Goodwill Electric Truck Project** – This Project is co-funded by TFCA and CARB, in partnership with SF Goodwill, the Center for Transportation and the Environment, and Build Your Dreams (BYD) Corporation. It will test the viability of deploying a fleet of electric delivery trucks in the Bay Area and ultimately provide a model to electrify Goodwill’s truck fleet across the nation. As of October 2018, all 11 Project vehicles had been delivered to Goodwill for testing. This quarter, staff submitted a quarterly Project Status Report to CARB and continued to host biweekly and ad-hoc meetings with Project partners to discuss Project progress. Staff also submitted and received payment for a disbursement request to CARB for \$2,048,357.16 and received a disbursement of \$428,804.89.
- **West Oakland Zero-Emission Grant Program** – Funding for this Program is provided by the Reformulated Gas Settlement Fund under contract to the Bay Area Clean Air Foundation to fund projects that reduce diesel use by accelerating the adoption of zero-emission vehicles and equipment in and around West Oakland and Oakland International Airport. The Round 4 solicitation closed on February 3, 2020. To date, six funding agreements have been executed or are in the process of being executed for approved projects, one application was deemed ineligible, and one application received in February 2020 is in the final stages of review. During this quarter, Amendment #4 to the contract between the Bay Area Clean Air Foundation and the Reformulated Gasoline Settlement Fund was executed.
- **Wood Smoke Reduction Incentive Program** – The Winter 2017/2018 Program cycle launched in January 2018 with approximately \$800,000 available for residents in CARE and High Wood Smoke Areas. The Program closed on November 25, 2019. Of the 1,737 applications received, a total of \$505,068 in funding has been encumbered, 266 projects have been paid, 1 payment request is pending, and 1,471 projects have been either withdrawn by the applicant or rejected by the Air District for not meeting program requirements.
- **Zero-Emission Hydrogen Ferry Demonstration Project** – This Project, funded by CARB and administered by the Air District, will demonstrate the feasibility of hydrogen fuel cells for use in the commercial maritime industry by deploying a zero-emission hydrogen ferry in the San Francisco Bay. Construction on the ferry started in November 2018 and is expected to be completed in 4th quarter 2020. This quarter, staff hosted three monthly meetings with the grantee and Project partners to discuss Project progress. Staff began the quarter by holding biweekly meetings with CARB and the grantee to discuss Project progress, and then transitioned to ad hoc meetings in June due to completion of key milestones. Staff submitted a

quarterly progress report and submitted and received payment for two disbursement requests to CARB for \$8,860 and \$20,000.

- **Volkswagen (VW) Environmental Mitigation Trust Fund Program** -- The VW Environmental Mitigation Trust will provide approximately \$423M for California to mitigate the excess nitrogen oxide emissions caused by VW's use of illegal emissions testing defeat devices. Under contract to CARB, San Joaquin Valley, South Coast, and Bay Area air districts will be administering VW Program funding, with the Bay Area being responsible for the administration of funding for light-duty zero-emission vehicle infrastructure and zero-emission freight and marine projects. During this quarter, coordination meetings were held with GreenInfo Network, the website developer, and weekly meetings were held with Fluxx Labs, the provider of grants management systems as a service. Staff also participated in eight weekly coordination meetings with the other administering air districts and three-monthly coordination meetings with CARB.

Meetings and Events:

- **April 28, June 15, and June 19, 2020:** Staff teleconferenced with CARB regrading program solicitations, and programmatic and administrative issues.
- **April 23, 2020:** Staff participated in the monthly National Association of State Energy Officials teleconference to discuss the VW program with other states.
- **June 25, 2020:** Staff presented at the Silicon Valley Transportation Electrification Clearinghouse Meeting regarding the VW Program.
- **Zero-Emission Light-Duty Infrastructure – Hydrogen Fueling Stations** – The competitive solicitation for \$5 million in funding for Hydrogen-Fueling Stations closed on May 22nd. Staff is currently reviewing the submitted applications.
 - **May 19, 2020:** Staff sent an e-blast to remind potential grantees of the May 22 solicitation deadline.
 - **May 7, 2020 and June 17, 2020:** Staff teleconferenced with CARB and the California Energy Commission to discuss program alignment and status of the Light-Duty Vehicle Hydrogen Station program.
- **Zero-Emission Freight and Marine Projects** – The competitive solicitation for \$35 million in funding for zero-emission freight and marine projects opened on June 18, 2020.
 - **June 18, 2020:** Staff issued a press release and sent an e-blast regarding the availability of funding for zero-emission freight and marine equipment.
 - **June 26, 2020:** Staff hosted an online information session regarding VW funding for Zero-Emission Freight and Marine equipment.

Other SID Meetings and Events:

- **April 7, 2020:** SID staff met with inspection staff to discuss remote inspection procedures.
- **April 8, 2020, May 13, 2020 and June 10, 2020:** Staff participated in the CAPCOA Mobile Sources & Grants Committee meetings.

- **April 10, 2020:** Staff submitted two applications for funding to the 2019 & 2020 EPA Targeted Airshed Program, 1) to replace 2,860 units of combustion-based residential and commercial lawn & garden equipment with battery-electric units and 760 residential wood-burning devices with electric heat pumps, and 2) to replace approximately 8,200 hp of prime diesel generators with 6 MW of zero-emission battery storage, and 17,500 hp of standby or backup diesel generators with Tier 4 engines.
- **April 15, 2020:** DocuSign was implemented for paperless document execution and routing.
- **April 21, 2020:** Staff attended a webinar of fuel cell electric trucks, organized by the California Hydrogen Business Council.
- **April 21, 2020:** Staff attended a CalStart workgroup meeting on deploying and scaling infrastructure for zero emission medium- and heavy-duty vehicles.
- **April 24, 2020:** Staff prepared a public comment letter for CARB's proposed At-Berth Regulation for Ocean-going Vessels.
- **May 1, 2020 and June 26, 2020:** Staff attended the Bay Area County Transportation Agencies (BACTA) Planning Directors meeting to provide an update on Air District funding opportunities.
- **May 4, 2020:** Staff teleconferenced with the San Francisco Department of the Environment regarding potential support for their proposed application to the CEC's Blueprints for Medium- and Heavy Duty Zero-Emission Vehicles (ZEV) and ZEV Infrastructure solicitation.
- **May 7, 2020:** Staff presented to about 45 attendees at the Joint Venture Public Sector Climate Task Force meeting regarding the technology assessment update and Diesel Free by '33 initiative.
- **May 7, 2020:** Staff attended monthly call with other government entities to discuss hydrogen activities in the state of California.
- **May 11, 2020:** Staff teleconferenced with PG&E to discuss an overview of the new Business EV rate.
- **May 14, 2020:** Staff attended the Metropolitan Transportation Commission's Transportation Demand Management Working Group.
- **May 19, 2020:** Staff attended the Calstart Medium Heavy Duty Zero-Emissions Infrastructure Working Group Session.
- **May 21, 2020:** Staff teleconferenced with Center for Transportation and the Environment (CTE) regarding a proposed hydrogen fueling station utilizing biogas from East Bay MUD for drayage trucks at the Port of Oakland.
- **June 12, 2020:** Staff attended the EV Coordinating Council Meeting.
- **June 24, 2020:** Staff attended a webinar titled Electric Shuttles: Tips for Infrastructure and Deployment with Southern California Edison hosted by Calstart.
- **June 25, 2020:** Staff participated in a DocuSign Accounts Payable Training held by the Air District's Finance department.
- **June 25, 2020:** Staff attended a CARB meeting via web on the approval of the Advanced Clean Truck Regulation.
- **June 26, 2020:** Staff attended the Port of Oakland Air Quality Task Force Meeting regarding updates on the Port's Seaport Air Quality 2020 and Beyond Plan: The Pathway to Zero Emissions.
- **June 30, 2020:** Staff presented an on-demand presentation titled Fossil Fuel Generators in the Bay Area: Cumulative Air Quality Impacts and Solutions for the Air and Waste Management Association's ACE 2020 conference.

**METEOROLOGY, MEASUREMENT & RULES DIVISION
R. CHIANG, DIRECTOR**

Air Quality Forecasting

	# of Days	Dates
Spare the Air alerts called for ozone	2	05/25/2020, 05/26/2020
Spare the Air Alerts called for PM _{2.5}	0	
Exceedances of the national 8-hour ozone standard (70 ppb)	0	
Exceedances of the national 24-hour PM _{2.5} standard (35 µg/m ³)	0	

Two (2) Spare the Air alerts were called in the Bay Area during the second quarter of 2020. On both days, high pressure over the Bay Area lead to hot inland temperatures (near 100°F) and light winds. No exceedances were recorded.

Regulatory Air Monitoring

Thirty-one air monitoring sites and fourteen meteorological towers were operational during the second quarter 2020. Operations were adjusted to ensure staff safety and compliance with applicable county health directives pertaining to COVID-19 response. Despite having to adapt to the logistical challenges posed by the shelter-in-place directives, staff continued to exceed all quality objectives while maintaining an average data capture for continuous criteria pollutant measurements of 94.8%.

Quality Assurance

All gas analyzers and particulate samplers were found to be operating within the Air District's established accuracy limits (23 monitoring stations, 73 parameters). The National Air Quality System Database was updated with all audit results.

- The PE Section continues to work with Compliance & Enforcement (C&E) to develop a joint technical assistance program. The Section would provide a scheduled, on-going quality assessment/quality control program to maintain C&E's four (4) Jerome H2S Monitors and their 24 Toxic Vapor Analyzers.
- The section completed ozone transfer standard verifications and calibrated the instruments in the Incident Response/GLM Van, and calibrated the instruments in Van 19.
- The PE Section found new vendors to replace CARB's Standard Lab as a source for certifying the section's flow, temperature and pressure standards.
- Regular departmental duties continued, including audits; report processing and review; database management; and equipment testing and maintenance.

Laboratory

Subsequent to the shelter-in-place due to COVID-19, the laboratory reduced its operations but continued to provide support for critical ambient air monitoring programs including PM₁₀, PM_{2.5}, PM_{coarse}, SASS, toxics canisters, and aldehydes.

The laboratory's remote work efforts have focused on document revision, method and systems evaluation, and modernizing procedures amenable to digitalization.

New Hires and Promotions

- Winnie Leung, Air Quality Engineer.

Community Monitoring

Staff continued to work with Aclima to conduct mobile measurements throughout the Bay Area to identify air pollution hot spots and establish baseline concentrations of air pollutants

- Aclima driving every county served by the Air District.
- Staff continued work with Aclima on the Pro-Portal, a web-based tool for the Air District to visualize, analyze, and interpret data.

Technical Advising to Bay Area Communities and Stakeholders

- Presented air quality monitoring network information to the Napa Spare the Air (STA) Resource Team, including the Napa Valley Clean Air Coalition, a group of local officials, researchers, and engaged citizens (June 12, 2020).
- Completed the coordination and deployment of sensor collocations at the Air District San Pablo monitoring site for two CARB Community Air Grant recipients (Groundwork Richmond and Physicians, Scientists, and Engineers for Healthy Energy).

Bay Air Center Coordination

- Participated in a meeting with Vallejo Air Monitoring Network and the Bay Air Center to provide air quality data analysis support for their James Cary Smith Community Grant (April 15, 2020).
- Board approval for an extension of the BAC contract; drafted new contract including extensions of ongoing task orders and new task orders for developing website and a portable sensor verification system.

AB 617

AB 617 Richmond-San Pablo Monitoring Plan

- With Community Engagement, planned and attended two (2) Steering Committee meetings (April via Open Air Forum and June 24, 2020 via Zoom), two open office hours (April 22, 2020 and May 1, 2020, via Zoom), and the related bi-weekly co-lead meetings. Support included developing the new process for the implementation phase of monitoring, meeting agendas and presentations, and other technical resources.
- Completed the AB 617 Richmond-San Pablo Community Air Monitoring Plan and provided it to the Co-Lead Team and CARB for their review on June 26, 2020.
- Presented more detailed information about the selected air toxics monitoring project to the independent Technical Advisory Group (TAG) formed by the Richmond-San Pablo Monitoring Steering Committee (May 22, 2020).
- Continued to plan and prepare the air toxics monitoring project selected by the Steering Committee in February.

Technical Assessment

- Continued to work with AIM to scope a general approach for conducting regional and local technical assessments of air quality in priority areas, as well as specific technical assessments for the Richmond- San Pablo monitoring and modeling work.

Air Quality Analysis

Reviewed the monitoring design for seven 7 Asbestos Dust Monitoring Plans (ADMPs) for Compliance & Enforcement.

Analysis of Air Quality During Shelter in Place

- Continued to analyze air quality and meteorological data during the COVID-19 shelter in place to summarize and provide context to PM_{2.5} levels using comparisons with historical data and accounting for seasonality, meteorology, and site-to-site differences.
- Produced ongoing updates, talking points, and summaries of findings to the Communications Office, the M&M and AIM Divisions, and Executive Management.
- Presented findings at a panel talk to the Spare the Air Youth Technical Advisory Committee (STAY TAC) (June 16, 2020), and at the AWMA ACE Conference (June 30, 2020)

Source Test

- Evaluations and acquisition of new measurement technologies and developed test procedures relevant to AB-617, Regulation 11-18 and emission inventory improvement.
- Oversight of the Regulation 12-15 fence line monitoring programs.
- Drafting revisions to the Manual of Procedures Volumes IV and V.
- Oversight of South Bay Odor Study and Work Plan Development.
- Staff participation in A&WMA ACE 2020 Ammonia CEMS panel.
- Source tests conducted:
 - Performance of source tests to determine emissions of precursor organic compounds, and toxic air contaminants.
 - Performance of tests to assess the compliance status of gasoline cargo tanks, gasoline dispensing facilities, gasoline terminal loading and vapor recovery systems.
 - Evaluation of independent contractor conducted source tests to determine report acceptability and source compliance.
 - Evaluation of CEMS installations and ongoing compliance, including monitoring plan review and approval.
- Technical advising to Air District Divisions:
 - Advice and guidance to Engineering and Compliance & Enforcement on emission data interpretation, permit development and recommendations for further evaluation indicating potential violations.
 - Advice to the Rules Section on development of Rules 6-5, 8-5 and 13-5.
 - Advice and meeting participation on the Organics Emissions Estimation (OEE) workgroups.

STATISTICS

STATISTICS			
Administrative Services:		Compliance Assistance and Operations Program:	
Accounting/Purchasing/Comm.		Asbestos Plans Received	1300
General Checks Issued	1621	Coating and other Petitions Evaluated	6
Purchase Orders Issued	688	Open Burn Notifications Received	199
Checks/Credit Cards Processed	3850	Prescribed Burn Plans Evaluate	7
Contracts Completed	134	Tank/Soil Removal Notifications Received	16
RFP/RFQ	3	Compliance Assistance Inquiries Received	47
Leases	2		
		Green Business Reviews	1
		Refinery Flare Notifications	4
Executive Office:			
Air Pollution Control Officer's Meetings Attended	389		
Board Meetings Held (including Budget Hearing and CAF)	6	Compliance Assurance Program:	
Committee Meetings Held	20	Industrial Inspections Conducted	518
Advisory Council Meetings Held	1	Gas Station Inspection Conducted	56
Hearing Board Meetings Held	0	Asbestos Inspections Conducted	348
New Variances Received	0	Open Burning Inspections Conducted	8
		PERP Inspections Conducted	14
Information Systems:		Mobile Source Inspections	0
New Installation Completed	6	Grant Inspections Conducted	259
PC Upgrades Completed	30		
Service Calls Completed	979	Engineering Division:	
		Annual Update Packages Completed	1079
Human Resources:		New Applications Received	381
Manager/Employee Consultation (Hrs.)	350	Authorities to Construct Issued	138
Management Projects (Hrs.)	400	Permits to Operate Issued (New and Modified)	159
Employee/Benefit Transaction	600	Permit Exemptions (Entire application deemed exempt)	3
Training Sessions Conducted	4	New Facilities Added	107
Applications Processed	138	Registrations (New)	19
Exams Conducted	8	Health Risk Assessments (HRA)	60
New Hires	5	Regular Employees Staffed	65
Promotions	7	Position Vacancies	5
Separations	2	Temporary Employees Staffed	2.5
Payroll Administration (Hrs.)	800	Interns Staffed	0
Safety Administration	150		
Inquiries	4000	Communications and Public Information:	
		Responses to Media Inquires	79
Facility/Vehicle:		Events Staffed with Air District Booth	1
Request for Facility Service	36		
Vehicle Request(s)	5	Community Engagement:	
Vehicle Maintenance/Service/Repair(s)	35	Presentations Made	0
		Visitors	0
		Air District Tours	0
		Community Meetings Attended	25

STATISTICS (continued)			
Compliance and Enforcement Division:		2nd Quarter 2020 Agricultural Burn Days	
Enforcement Program		April - June Permissive Burn Days-North	72
Violations Resulting in Notices of Violations	42	April - June No-Burn Days-North	19
Violations Resulting in Notice to Comply	0	April - June Permissive Burn Days-South	74
New Hearing Board Cases Reviewed	0	April - June No-Burn Days-South	17
Reportable Compliance Activity Investigated	96	April - June Permissive Burn Days-Coastal	74
General Complaints Investigated	588	April - June No Burn Days-Coastal	17
Wood Smoke Complaints Received	351		
Mobile Source Violations	0	Laboratory	
		Sample Analyzed	913
Meteorology Measurements & Rules:		Inter-Laboratory Analyses	0
2nd Quarter 2020 Ambient Air Monitoring			
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	0	Technical Library	
Days Exceeding Nat'l 24-Hour PM ₁₀ Std.	0	Titles Indexed/Cataloged	0
Days Exceeding State 24-Hour PM ₁₀ Std.	0	Periodicals Received/Routed	0
Days Exceeding the Nat'l 8-Hour Ozone Std.	0		
Days Exceeding the State 1-Hour Ozone Std.	0	Source Test	
Days Exceeding the State 8-Hour Ozone Std.	0	Cargo Tank Tests Performed	3
		Total Source Tests	4
Ozone Totals, Year to Date 2020		Pending Source Tests	0
Days Exceeding State 1-Hour Ozone Std.	0	Further Evaluation Notices Recommended	1
Days Exceeding Nat'l 8-Hour Ozone Std.	0	Contractor Source Tests Reviewed	4902
Days Exceeding State 8-Hour Ozone Std.	0	Outside Test Observed	10
		Further Evaluation Notices Recommended After Review	6
Particulate Totals, Year to Date 2020		Contractor Source Test Protocols Reviewed	27
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	0	Contractor Source Tests invalidated	31
Days Exceeding Nat'l 24-Hour PM ₁₀ Std.	0		
Days Exceeding State 24-Hour PM ₁₀ Std.	0	Continuous Emissions Monitoring (CEM)	
PM_{2.5} Winter Season Totals for 2019 - 2020		Indicated Excess Emission Report Eval.	22
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	0	Monthly CEM Reports Reviewed	27
		Indicated Excesses from CEM	17
Ground Level Monitoring (GLM)		Field Accuracy Test Performed	0
April - June Ground Level Monitoring SO ₂ Excess Reports	0		
April - June Ground Level Monitoring H ₂ S Excess Reports	9		

**These facilities have received one or more Notices of Violations
Report period: April 1, 2020 – June 30, 2020**

<i>Alameda County</i>				
Status Date	Site #	Site Name	City	Regulation Title
06/29/2020	A0059	University of California, Berkeley	Berkeley	Non-Compliance; Major Facility Review
06/18/2020	A1438	Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
06/08/2020	Z7590	SFD	Hayward	Asbestos; Schedule Changes and Updates
06/12/2020	Z7606	Tosco Northwest Company	Hayward	Phase I Vapor Recovery Equipment Requirements
06/12/2020	Z7606	Tosco Northwest Company	Hayward	GDF Phase II Equipment Not Maintained
06/23/2020	B1887	Dynergy Oakland LLC	Oakland	Non-Compliance; Major Facility Review
06/18/2020	A1241	RJ Chase Company, Inc	Union City	No Authority to Construct
06/18/2020	A1241	RJ Chase Company, Inc	Union City	No Permit to Operate
<i>Contra Costa County</i>				
Status Date	Site #	Site Name	City	Regulation Title
06/11/2020	A0706	New NGC, Inc	Richmond	Opacity Limitation
06/11/2020	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
06/11/2020	A0010	Chevron Products Company	Richmond	Opacity Limitation

These facilities have received one or more Notices of Violations
Report period: April 1, 2020 – June 30, 2020
(continued)

<i>Marin County</i>				
Status Date	Site #	Site Name	City	Regulation Title
06/24/2020	B5081	Equator Coffees, LLC	San Rafael	Failure to Meet Permit Conditions
<i>San Francisco County</i>				
Status Date	Site #	Site Name	City	Regulation Title
04/30/2020	Z6314	SFPUC	San Francisco	California Code of Regulations
05/21/2020	Z7570	19th Avenue Valero	San Francisco	No Authority to Construct
05/21/2020	Z7570	19th Avenue Valero	San Francisco	No Permit to Operate
06/02/2020	Z7665	Mission Fuel & Food	San Francisco	No Authority to Construct
06/02/2020	Z7665	Mission Fuel & Food	San Francisco	No Permit to Operate

These facilities have received one or more Notices of Violations
Report period: April 1, 2020 – June 30, 2020
(continued)

<i>San Mateo County</i>				
Status Date	Site #	Site Name	City	Regulation Title
05/28/2020	Z5043	Belmont Shell	Belmont	Failure to Meet Permit Conditions
05/07/2020	Z7568	Marsh Road Chevron	Menlo Park	GDF Phase II Equipment Not Maintained
05/28/2020	Z7561	Jose Gomez	Menlo Park	Asbestos; Written Plan or Notification
06/24/2020	Z7659	PG&E Transmission Tower	Millbrae	Asbestos; Written Plan or Notification
04/20/2020	Z7444	Industrial Rd Redevelopment	San Carlos	California Code of Regulations
06/02/2020	B0327	Sutter Bay Hospitals dba Mills-Peninsula Health	San Mateo	Periodic Testing

<i>Santa Clara County</i>				
Status Date	Site #	Site Name	City	Regulation Title
05/07/2020	A6370	Recology Pacheco Pass	Gilroy	Landfill Emission Control System Requirement
05/07/2020	A6370	Recology Pacheco Pass	Gilroy	Failure to Meet Permit Conditions
06/18/2020	B8560	Rick's Cafe	Los Altos	No Permit to Operate
06/18/2020	A1812	Kirby Canyon Recycling and Disposal Facility	Morgan Hill	Landfill Emission Control System Requirement

06/18/2020	A1812	Kirby Canyon Recycling and Disposal Facility	Morgan Hill	Parametric Monitoring and Recordkeeping Procedures
06/18/2020	A1812	Kirby Canyon Recycling and Disposal Facility	Morgan Hill	Failure to Meet Permit Conditions
06/10/2020	Z7663	SFD	Palo Alto	Asbestos; Written Plan or Notification
06/23/2020	C7164	Jim Davis Texaco	Palo Alto	GDF Standard Phase I Requirements
05/29/2020	A1982	County of Santa Clara - Hellyer Landfill	San Jose	Failure to Meet Permit Conditions
06/22/2020	Z7662	COM	San Jose	Asbestos; Scheduling of Demolition Activities
06/22/2020	Z7662	COM	San Jose	Asbestos Containing Waste Disposal

<i>Solano County</i>				
Status Date	Site #	Site Name	City	Regulation Title
06/09/2020	B2626	Valero Refining Company - California	Benicia	Right of Access to Information

**Closed Notice of Violations with Penalties by County
April 1, 2020 – June 30, 2020**

Alameda

Site Name	Site #	City	Penalty	# of NOVs
Asbestos Management Group of California	J9290	Oakland	\$500	2
Au Energy LLC	Z1937	Fremont	\$1,250	2
Environmental Remedies	Q5007	Hayward	\$5,000	1
GrafcO Station	V4062	Livermore	\$750	1
MG Remediation, Inc.	Q7498	Hayward	\$1,500	2
R & B Equipment, Inc.	N4180	Hayward	\$750	1
Synergy Enterprises	Z3916	Hayward	\$750	1
Western Digital Corporation	A8391	Fremont	\$31,000	2

**Total
Violation
Closed: 12**

Contra Costa

Site Name	Site #	City	Penalty	# of NOVs
Chevron Avon Terminal	A0091	Martinez	\$10,000	2
Chevron Products Company	A0010	Richmond	\$146,500	34
Independent Construction Co.	Z6581	Concord	\$5,000	1
Valero Marketing & Supply Co	Z7056	Danville	\$1,000	1
Wholesome Harvest Baking	B5755	Richmond	\$37,400	2

**Total
Violation
Closed: 40**

Marin

Site Name	Site #	City	Penalty	# of NOVs
Dept. Of Parks & Recreation	Z4493	Mill Valley	\$500	1
Sa Ngasilpa #257384	Z5331	San Rafael	\$1,000	1

**Total
Violation
Closed: 2**

Closed Notice of Violations with Penalties by County
April 1, 2020 – June 30, 2020
(continued)

Napa

Site Name	Site #	City	Penalty	# of NOVs
Markley Cove Resort	Z5672	Napa	\$100	1
Richard Elvis	Z7323	Saint Helena	\$400	1

**Total
Violation
Closed: 2**

San Francisco

Site Name	Site #	City	Penalty	# of NOVs
Arcon Construction	X2692	San Francisco	\$750	1
Pacific Gas & Electric	A9185	San Francisco	\$500	1
San Francisco International Airport	A1784	San Francisco	\$10,000	5
The John Stewart Company	V4878	San Francisco	\$2,000	1

**Total
Violation
Closed: 8**

San Mateo

Site Name	Site #	City	Penalty	# of NOVs
Bancroft Gas Corp.	Z7078	South San Francisco	\$1,250	2
Pet's Rest Cemetery	A4860	Colma	\$2,000	1
Rebuild Green	Z7192	Redwood City	\$750	1

**Total
Violation
Closed: 4**

Closed Notice of Violations with Penalties by County
April 1, 2020 – June 30, 2020
(continued)

Santa Clara

Site Name	Site #	City	Penalty	# of NOVs
Alliance Environmental Group, Inc.	Q8668	San Jose	\$5,000	1
Christopher Ranch LLC	E0603	Gilroy	\$1,500	2
HGST, a Western Digital Company	A0085	San Jose	\$21,000	1
Lehigh Southwest Cement Company	A0017	Cupertino	\$7,500	1
Midpeninsula Open Space	Z7064	Los Altos	\$500	1
Sanborn Park	Z6457	Saratoga	\$250	1
SFD	Z6923	Los Altos	\$500	1
Sherman Tuan	N1596	Cupertino	\$1,000	2
Valley Oil Company	B5289	Mountain View	\$22,000	1
XL Construction	S4569	Milpitas	\$500	1

**Total
Violation
Closed: 12**

Solano

Site Name	Site #	City	Penalty	# of NOVs
Shell - Tooley Oil Company #11	Z6112	Vallejo	\$500	1
Silicon Valley Shell	Z6128	Vallejo	\$250	1
Univar Solutions USA, Inc	A7618	Fairfield	\$10,000	1

**Total
Violation
Closed: 3**

Sonoma

Site Name	Site #	City	Penalty	# of NOVs
Freeman Toyota	Z6799	Santa Rosa	\$1,000	2
John Ferrando	Z7191	Sonoma	\$750	1
Santa Rosa Water - Laguna Treatment Plant	A1403	Santa Rosa	\$7,000	1
SFD	Z6976	Santa Rosa	\$500	1

**Total
Violation
Closed: 5**

Closed Notice of Violations with Penalties by County
April 1, 2020 – June 30, 2020
 (continued)

District Wide

Site Name	Site #	City	Penalty	# of NOVs
American Technologies - West Sacramento	X8296	West Sacramento	\$750	1

**Total
Violation
Closed: 1**

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Authorization to Execute Contract for Microsoft Software Licensing

RECOMMENDED ACTION

Recommend Board of Directors authorize the Executive Officer/APCO to enter into a three-year Microsoft Enterprise Software Licensing Agreement, in an amount not to exceed \$1.85M with Dell Marketing LP.

BACKGROUND

The Air District has used Microsoft systems and software for more than 25 years. Every three years, the Air District renews its Microsoft software licenses under a Microsoft government-priced Enterprise Agreement (EA). The licenses include: Windows operating systems for servers and workstations, Microsoft productivity tools, such as MS Word and Excel, and Microsoft online tools, such as Office 365 and Azure. Microsoft prices its government EAs below the price of its commercial licensing agreements. The licenses are sold by Value Added Resellers (VARs) to government entities through a competitive bidding process under terms of Microsoft's County of Riverside Licensing Agreement. The Riverside Agreement is used by more than 900 government organizations in the State of California to procure Microsoft licenses at the lowest prices.

DISCUSSION

Prior to executing a multi-year licensing agreement with a VAR, the Air District evaluated pricing from available VARs through a competitive bidding process provided by each VAR under the County of Riverside Government Licensing Agreement. The table below summarizes the pricing available from each VAR for the Air District's three-year licensing period in ascending order starting with the lowest bidder.

VAR	Three-Year Price	Price Difference
Dell Marketing, LP	\$1,837,301	Lowest Price
GovConnection, Inc.	\$1,851,264	+\$13,963
SHI International Corp.	\$1,856,776	+\$19,475
Insight Public Sector, Inc.	\$1,861,370	+\$24,069
Crayon Software Experts LLC	\$1,865,963	+\$28,662
CDWG	\$1,870,556	+\$33,255
Zones Inc.	\$1,884,336	+\$47,035
PCMG, Inc.	\$1,884,336	+\$47,035
SoftwareONE Inc	\$1,886,173	+\$48,872
Softchoice Corporation	\$1,911,895	+\$74,594

The Air District recommends the Board of Directors select the lowest bidder, Dell Marketing LP for the procurement of the Microsoft Licenses.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: John Chiladakis
Blair Adams
Rex Sanders
Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Notice of Proposed Amendments to the Air District's Administrative Code, Division II: Fiscal Policies and Procedures, Section 4: Purchasing Procedures, Section 4.6: Contracts, Section 4.6(d): Bid Award

RECOMMENDED ACTION

The Board of Directors will consider adopting an amendment to the Air District's Administrative Code, Division II: Fiscal Policies and Procedures, Section 4: Purchasing Procedures, Section 4.6 Contracts, Section 4.6(d): Bid Award, to require that contracts for financial audit services be rebid every five years instead of every three.

BACKGROUND

The Air District contracts with auditing firms that conduct financial audits and independent single audits annually in compliance with Government Auditing Standards. The Air District is also required to conduct an independent audit of its Transportation Fund for Clean Air program expenditures at least every two years.

Auditors are selected through a competitive process, involving a review of responses to a Request for Proposals, reference checks, and interviews. Following this review, Staff brings a recommendation for award of the highest-ranked proposal to the Air District's Board of Directors for their consideration. The Air District's Administrative Code requires contracts for financial auditing services be rebid every three years. The proposed change to the Administrative Code is as follows:

The District shall rebid a contract for financial audit services every five years.

DISCUSSION

The proposed five-year term is consistent with the Government Finance Officers Association's best practices. Administrative Code Section 14.1, Amendments Mechanism, requires the noticing of proposed amendments at a preceding meeting of the Board of Directors before adoption can take place. Adoption of these proposed amendments will be considered at a subsequent meeting of the Board of Directors.

The proposed amendment to the Administrative Code is attached for your review and consideration.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Stephanie Osaze and Karen Schkolnick
Reviewed by: Jeff McKay and Damian Breen

Attachment 9A: Air District's Administrative Code, Division II: Fiscal Policies and Procedures, Section 4: Purchasing Procedures, Section 4.6: Contracts, Section 4.6(d): Bid Award

SECTION 4 PURCHASING PROCEDURES

4.1 DISTRICT PURCHASING AGENT. (Revised 4/19/95)

The APCO shall be ex-officio Purchasing Agent for the Bay Area Air Quality Management District. The APCO shall negotiate to obtain the best price obtainable on all goods and services required by the District.

4.2 SPECIFICATIONS. (Revised 10/15/03)

In all cases where written specifications are prepared and submitted for public bidding, wherever a trade name is specified the specifications shall contain the phrase "or equal" and a bidder shall be allowed to bid upon a specified trade name product or its equivalent in quality and performance. Specifications must include all criteria to be considered by the District in selecting a successful bidder. Wherever possible, purchasing of items of supply shall be through member counties or businesses in the nine (9) county District Area.

4.3 CONTRACT LIMITATIONS. (Revised 9/21/16)

The APCO or designee shall execute, on behalf of the Bay Area Air Quality Management District, contracts for purchase of supplies and materials and services costing not more than one hundred thousand dollars (\$100,000). Contracts for more than one hundred thousand dollars (\$100,000) shall be signed by either the Chairperson of the Board of Directors, or the APCO after being directed to execute such a contract by resolution of the Board of Directors.

For efficiency, recurring payments for routine business needs such as utilities, licenses, office supplies and the like, more than, or accumulating to more than one hundred thousand dollars (\$100,000) shall be presented in the quarterly Financial Report.

4.4 CONTRACTS WITH MINORITY BUSINESS ENTERPRISES AND WOMEN'S BUSINESS ENTERPRISES. (Revised 12/7/11)

It is the policy of the Board of Directors of the Bay Area Air Quality Management District that the District comply with its DBE Program where lawful and appropriate and to encourage minority, veteran, and women owned businesses bid on contracts with the District to the extent allowable by law.

4.5 PURCHASE REQUESTS. (Revised 10/15/03)

Purchase requests for supplies, equipment and/or services must be completed and submitted to the Business Manager in the Administrative Services Division prior to any order being given to a vendor. The name of the suggested vendor should be included in the request, as well as the cost, tax and estimated shipping charges.

Any deviation from this procedure must have prior written approval of the Business Manager, Finance Manager or Director of Administrative Services.

Purchases requests exceeding the remaining balance of unexpended funds within the budget for each line item for a section must be accompanied by an approval for a transfer of funds as described in Section II-3.3. The approval document must indicate the line item for the source and destination of the transfer of funds.

4.6

CONTRACTS. (Revised 12/7/11)

(a) PURCHASING POLICY.

- (1) Methods of Purchasing:
 - (A) FORMAL BID - A bid obtained under sealed bid procedures and which is publicly opened and read.
 - (B) INFORMAL BID - A written bid solicited from a vendor when the cost of the equipment or services/supplies is so low as to not justify the costs of the formal bidding procedures.
 - (C) TELEPHONE BID - Telephone bids may be utilized by the Business Manager/designee when, in the judgment of the APCO or Director of Administrative Services, the best interest of the District may be served due to the need for immediate delivery or for other valid reasons.
 - (D) MONOPOLY/SINGLE SOURCE BID - An award may be made without a formal bid when the item to be purchased can be obtained from only one source and the item/service is one which does not lend itself to substitution. Said bids must be confirmed in writing.
 - (E) PRIOR BID/LAST PRICE - An award may be made on the basis of a prior bid or on the basis of a last price, if the conditions of a previous purchase are the same.
 - (F) LETTER QUOTATION - Letter quotation is an informal, written offer made to the District by a vendor.
- (2) Formal bidding shall be used by the District when economies of scale can be achieved or when there are equal or competitive products and also when discounts are applicable.
- (3) Where federal money will fund all or part of the goods/services that will be purchased the proposals, bids or other documents prepared, shall include the following information: 1) the percentage of the total costs of the goods or services which will be financed with federal funds; 2) the dollar amount of federal funds for the goods or services; and 3) the percentage and dollar amount of the total costs of the goods or services that will be financed by non-governmental sources (per Public Notification Requirement Appropriation Laws).
- (4) In all cases in which written specifications are prepared and submitted for public bid and a trade name is specified, the specifications shall contain the phrase "or equivalent" and the bidder shall be allowed to bid upon such. The Director of Administrative Services shall determine whether the proposed alternative is equivalent.
- (5) The District reserves the right to accept one part of a bid and reject another, and to waive technical defects, if to do so best serves the interests of the District.

- (6) Subject to other provisions of District policy, a bid will be awarded to the bidders offering the best value for quality goods and services. The following may be considered in determining the bid that provides the best value: bid price, proven cost-effectiveness, extended warranty, extended quality discount, esthetic value, expedient delivery of goods or services or other features of sufficient value.
- (7) The preparation of detail specifications may be waived by the APCO if any of the following circumstances are present:
 - (A) Public health or property may be endangered by delay.
 - (B) Cost of labor will exceed savings.
 - (C) Required dates cannot be met.
 - (D) Monopoly/single source items are required.
 - (E) Prior experience has proven that a particular material, type of equipment, supplies or service is more economical to the District.
 - (F) The cost to prepare detailed plans/specifications or bids will exceed possible savings that could be derived from such plans/specifications or bids.
 - (G) Emergency purchases.
 - (H) Value of contract is less than \$25,000.
- (b) **SERVICES OF CONSULTANTS.**
 - (1) Consultant Selection Policy
 - (A) Due to the nature of the work to be performed or the level of staffing required, it may, from time to time, be necessary to utilize the services of outside consultants who are not employees of the District.
 - (B) It is the policy of the District in the selection of any required outside consultants to encourage participation of minority, women and/or disadvantaged business enterprises in the bidding process in accordance with Section II-4.4 to the extent allowable by law.
 - (C) Prior to release of a request for consulting services, the following shall be prepared:
 - (i) A statement of the work to be performed,
 - (ii) A statement of the qualifications of persons necessary to perform the requested work, which can include a specification of experience/education/training in general or specific fields; and
 - (iii) An assessment of the resources needed to carry out the project, i.e. capital equipment or supplies.

(D) Determination of Provider Services
Based on an evaluation of the information prepared according to Section II-4.6 (b)(1)(C), and any other information gathered, the APCO or designee shall evaluate the ability of staff to perform all or part of the work. If it is determined that all or part of the work should be performed by an outside consultant, the APCO shall determine if the work should be performed by sole source or whether it should be performed after a bid solicitation and award.

(E) Contracts for temporary employment services or consultant services shall meet the requirement of the District Purchasing Policy.

(c) BID SOLICITATION.

(1) For all contracts for goods or services with a value of \$70,000 or greater, the following documents shall be prepared as required by the person(s) designated by the APCO.

(A) Instructions to Bidders (for written bids)

(B) Proposal Submittal Requirements

(C) Draft contract, including all terms and conditions of the work to be performed, and

(D) A list of potential bidders

(2) The following steps will be followed to identify potential bidders for all contracts for goods or services with a value of \$40,000 or more, but less than \$70,000.

(A) All qualified suppliers of the required goods or services with outlets in the Bay Area shall be contacted (in the case of informal or telephone bids); or

(B) At least one supplier of the required goods or services in each of the Bay Area counties shall be contacted (in the case of informal or telephone bids); or

(C) The steps listed in Section (3) shall be followed.

(3) The following steps will be followed to identify potential bidders for all contracts for goods or services with a value of \$70,000 or more.

(A) Bids shall be solicited by any method as allowed in Section 4.6 (a) on purchases of services, materials or supplies excluding scientific and technical equipment and services uniquely available from a sole source. Where all sources of such services, materials or supplies in the Bay Area are known, bids may be requested from such sources by all means when it is deemed by the APCO or designee to be in the best interest of the District.

(4) The APCO may waive the provisions of this section or award a sole-source bid if:

(A) The cost of labor for preparation of the documents exceeds the possible savings that could be derived from such detailed documents; or

- (B) Public health or property may be endangered by delay; or
- (C) Prior experience has shown that the desired services are only available from the sole-source; or
- (D) Other circumstances exist which require such waiver in the satisfactory interests of the District.

(d) BID AWARD.

- (1) Prior to accepting a bid that is not the lowest of three qualified and responsive bids, other qualified and responsive bidders will be provided with an opportunity to match the additional features provided in the bid of highest value. These bidders will be provided with a list of the features, but not the price.
- (2) The requesting staff person shall present to the APCO their evaluation of the bids and a recommendation for the award. Upon approval of the recommendation, staff shall negotiate an agreement and prepare it for the APCO's signature.
- (3) If the APCO determines that no bidder could satisfactorily serve the interests of the District, the APCO may decline to make an award.
- (4) The District reserves the right to have an Evaluation Panel comprised of District employees to review and analyze the bids and offer a recommendation of acceptance of a bid to the Director of Administrative Services. Upon review of the recommendation of the panel, the Director may accept or reject the recommendation of the panel. If accepted, the Director will recommend award of the bid to the APCO for his review/approval. If the recommendation of the panel is rejected by the Director of Administrative Services, the panel will reconvene to review the bids further.
- (5) Further renewal of any contract that has been awarded for two consecutive years without competitive bid shall require APCO or Board approval depending upon authorization of the contract to be extended. Service contracts with the original manufacturer of equipment or software are exempt from this requirement.
- (6) The District shall rebid a contract for financial auditing services every five years.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Authorization to Execute Contracts for Agricultural Waste and Wildfire Prevention
Chipping

RECOMMENDED ACTIONS

Recommend the Board of Directors:

1. Approve the selection of The Davey Tree Expert Company for contract awards not to exceed a total of \$150,000 for each the Agricultural Waste Chipping Program and the Wildfire Prevention Chipping Pilot Program; and
2. Authorize the Executive Officer/APCO to execute all necessary contracts with The Davey Tree Expert Company in an amount not to exceed \$300,000 to provide services for these Programs.

BACKGROUND

Since 2015, the Bay Area Air Quality Management District (Air District) has provided approximately \$600,000 in chipping services to agricultural operations in the Bay Area to chip waste materials and reduce particulate matter (PM) emissions. The Agricultural Waste Chipping program has prevented approximately 8.2 tons of PM_{2.5} emissions.

The Air District wishes to enter into agreements in an amount not to exceed \$150,000 to continue to provide agricultural waste chipping services to private property owners, and an amount not to exceed \$150,000 to conduct a pilot program to provide chipping services to private property owners and public land managers to dispose of material removed for wildfire prevention.

DISCUSSION

Agricultural Waste Chipping Program

The Agricultural Waste Chipping Program assists property owners in disposing of agricultural waste material from certain qualifying agricultural operations by providing free chipping services in lieu of open burning the material. This program addresses material to be chipped in lieu of burning for Orchard Pruning and Attrition, Crop Replacement, and Range Management fire types in accordance with Regulation 5, Open Burning. As a non-burning disposal method, chipping reduces PM emissions compared to burning. The Air District is non-attainment for the daily federal and annual state PM_{2.5} standards and reducing open burning will reduce PM loading into the Air District's air basin, especially during the wintertime season when PM pollution is generally heaviest.

Wildfire Prevention Chipping Pilot Program

Over the last two years, in response to an unprecedented increase in wildfires, the Air District developed the Wildfire Air Quality Response Program (WAQRP), a comprehensive, multi-faceted program intended to prevent, prepare for, and respond to future wildfires, and to ensure that health-protective measures and strategies are in place during wildfire smoke events. As part of the WAQRP, staff developed a pilot chipping program for wildfire prevention modeled on the Air District's existing Agricultural Waste Chipping Program. The pilot program will provide chipping services to dispose of material that otherwise would be allowed to be burned under Hazardous Material, Forest Management, or Wildland Vegetation Management fire types in accordance with Regulation 5, Open Burning. This program will provide a sustainable alternative to open burning. The pilot program has the potential to reduce PM emissions, fuel loads, and wildfire risk.

This work results in a contract amount that exceeds \$100,000 and therefore requires the approval of the Board of Directors.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. Funding for the programs are included in the Fiscal Year Ending 2021 Budget and will be funded by the 104 Account.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Eliza Kane and Patrick Wenzinger
Reviewed by: John Marvin

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent,
Executive Officer/APCO

Date: September 10, 2020

Re: Authorization to Execute Contract Amendments for Production System Office

RECOMMENDED ACTIONS

Recommend Board of Directors authorize the Executive Officer/APCO to execute contract amendments with the following vendors in the amounts listed below:

Vendor	Amount	Service Description
Avantpage	\$22,301	Spanish, Chinese, Tagalog, and Vietnamese language translation services to support the District’s equity goals.
C&G Technology Services	\$356,639	Software testing services for the permitting and compliance system.
Clay Tablet	\$10,517	Language translation integration and automation software for content transmission, editing, and management.
ClearSparc	\$505,801	Software architecture, design, development, build and release management services for the permitting and compliance system.
Cylogy	\$351,139	Backend website content management system integration, customization and infrastructure support.
ITDependz	\$299,717	Business analysis and user experience services for the permitting and compliance system.
Malinda Lai	\$40,365	Website content management and infrastructure support.
Salesforce	\$33,132	Salesforce acquired ExactTarget automation and analytics software for email, mobile and online communications and rebranded as Marketing Cloud.
Sitecore	\$43,475	Web Content Management system for the District’s public website.
Support Focus	\$255,432	Data extract, transform, and load services for legacy systems.
TOTAL	\$1,918,518	

BACKGROUND

As is its practice, Air District staff recommends amendments for existing vendor contract biannually to assist with software development and website management support to meet Fiscal Year Ending (FYE) 2021 goals for the Production System Office.

DISCUSSION

The Production System Office is composed of the Permitting and Compliance System, Data Services, and Online Services. These systems and services abide by a continuous improvement process, whereby existing functionality is maintained while new features are implemented extending functionality to match evolving business requirements. These efforts include expanding permitting and compliance system functionality, extending the availability of tools for website content management, and expanding our web presence.

In order to continue to support improvements on the District's online infrastructure, staff plans to focus on the following activities for the remainder of the 2020 calendar year:

- 12-15 renewals
- Unified automated invoice and permit printing
- Emission calculations algorithm
- No net increase (a.k.a. emissions banking)
- Legacy permit management
- Spare the Air alerts upgrade
- Cut the Commute website
- Facility Inspection prioritization report
- Complaints web enhancements
- Radio telephone operator application module
- Compliance verification application module

Staff recommends the continued use of software and professional services providers proven familiar with the production system office for the remainder of the 2020 calendar year. The Air District has successfully collaborated with Cylogy and Malinda Lai in the design, development, and testing of the language translation system and website content management system in prior engagements. The Air District has also successfully collaborated with C&G Technology Services, ClearSparc, Inc., ITDependz, and Support Focus in prior design, software development, and quality assurance engagements. The District has successfully invested in software customization and integration with Clay Tablet, Salesforce, SoftwareOne and Sitecore.

Vendor	Type of Services	Contract	Procurement Method
Avantpage	Spanish, Chinese, Tagalog, and Vietnamese language translation services to support the District's equity goals.	FYE 2014	Request for Proposal process in conjunction with the District's Business Services Division.
C&G Technology Services	Software testing services for the permitting and compliance system.	FYE 2020	Request for Qualifications process in conjunction with the District's Business Services Division.
Clay Tablet	Language translation software for transmission, editing, and managing content.	FYE 2015	Product was selected through an industry analysis and informal bid process. Staff determined that only ClayTablet provided the features to cost effectively integrate with Sitecore.
ClearSparc	Software architecture, design, development, build and release management services.	FYE 2020	Request for Qualifications process in conjunction with the District's Business Services Division.
Cylogy	Backend website content management system integration, customization, and infrastructure support.	FYE 2020	Request for Qualifications process in conjunction with the District's Business Services Division.
ITDependz	Business analysis and user experience services for the permitting and compliance system.	FYE 2020	Request for Qualifications process in conjunction with the District's Business Services Division.
Malinda Lai	Website content management system and infrastructure support.	FYE 2006	Procurement occurred prior to the tenure of the current team.
Salesforce	Salesforce acquired ExactTarget automation and analytics software for email, mobile, and online communications and rebranded as Marketing Cloud.	FYE 2013	Product was selected through an industry analysis and informal bid process. Staff considered services from three different vendors and determined that only the ExactTarget product was able to meet needs of the Air District.
Sitecore	Web Content Management system for the District's public website.	FYE 2019	Request for Qualifications process in conjunction with the District's Business Services Division.
Support Focus	Data extract, transform, and load services for legacy systems.	FYE 2020	Request for Qualifications process in conjunction with the District's Business Services Division.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for the vendor contract recommendations is included in 725, 309, and 125 program budgets for FYE 2021.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Blair Adams
Reviewed by: Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Authorization to Execute Expansion of Existing Cylogy and Avant Contracts

RECOMMENDED ACTIONS

Recommend the Board of Directors:

1. Authorize the Executive Officer/APCO to execute a contract amendment with Cylogy, in an amount not to exceed \$9,408 for services performed in Fiscal Year Ending (FYE) 2020 and FYE 2021 for software development services in support of the Clean Cars for All Program; and
2. Authorize the Executive Officer/APCO to execute a contract amendment with Avantpage, Inc., in an amount not to exceed \$30,000 for services performed in FYE 2020 and FYE 2021 for language translation for public website content.

BACKGROUND

The Clean Cars for All (CCFA) Program provides incentives for low-income households (up to 400 percent of the Federal Poverty Level) to retire and replace an older, higher-polluting vehicle with a newer, cleaner vehicle or with mobility options (e.g. public transit, e-bikes, and car sharing). The program also enables grantees to apply for a rebate of up to \$2,000 for a Level 2 home electric vehicle charger, or a portable charger, or a pre-paid card for public charging. This memo describes two contract services needed for technical assistance to support CCFA. Amending existing Air District contracts with Cylogy and Avantpage, Inc. will leverage proven vendors familiar with the Air District's systems and operations.

Cylogy

CCFA participants who choose mobility options in lieu of purchasing a clean vehicle receive a grant of up to \$7,500. These funds must be spent on public transit, e-bikes, and/or car sharing. The Air District is delivering these funds using pre-paid debit cards with merchant and spending restrictions (PEX cards). Additionally, grantees that purchase a plug-in car can receive up to \$2,000 on a pre-paid PEX card for a public charging. To enable the necessary merchant controls, the Air District needs to develop an application programming interface (API). The API will enable us to set criteria for PEX card transactions and to approve transactions in real time. These features assure that PEX cards are dedicated to approved CCFA merchant categories. This contract will build an API that interacts with PEX seamlessly and allows the Air District to manage transactions.

The Air District currently has a contract with Cylogy that was executed on June 3, 2020, for business analysis, software development, and operational support services and has a total value of \$490,327. The additional work related to CCFA, which is estimated not to exceed \$9,408, will raise the total contract to \$499,735.

Avantpage, Inc.

CCFA has a dedicated website (www.baaqmd.gov/cleancarsforall) that provides information about the program and other resources. To more effectively communicate with Bay Area residents, the Air District proposes to translate all CCFA webpages to Spanish, Tagalog, Vietnamese, and Traditional Chinese. Additionally, there are several other Air District grant programs with new information that has not been translated recently. Translation of these other sites are included in this contract amount as well.

The Air District's current contract with Avantpage, Inc. was executed on June 3, 2020, for language translation services with a total value of \$90,000. The additional work related to CCFA and other Air District grant programs is estimated not to exceed \$30,000, bringing the total contract cost to \$120,000.

BUDGET CONSIDERATION / FINANCIAL IMPACT

Funding for these contracts comes from contracts with the California Air Resources Board, Transportation Fund for Clean Air for CCFA and from the California Department of Transportation for electric vehicle outreach.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Rebecca Fisher and Tin Le
Reviewed by: Chad White

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Report of the Stationary Source Committee Meeting of July 29, 2020

RECOMMENDED ACTION

The Stationary Source Committee (Committee) received only informational items and have no recommendations of approval by the Board of Directors (Board).

BACKGROUND

The Committee met on Wednesday, July 29, 2020, and received the following report:

- A) Update on the Development of Draft Amendments to Regulation 6, Rule 5 (Rule 6-5):
Particulate Emissions from Petroleum Refinery Fluidized Catalytic Cracking Units.

Chairperson John Bauters will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Amanda Balneg
Reviewed by: Vanessa Johnson

Attachment 13A: 07/29/2020 – Stationary Source Committee Meeting Agenda #3

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Bauters and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: July 23, 2020

Re: Update on the Development of Draft Amendments to Regulation 6, Rule 5 (Rule 6-5):
Particulate Emissions from Petroleum Refinery Fluidized Catalytic Cracking Units

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

California Assembly Bill 617 (AB 617) directed local air districts to adopt an expedited schedule for implementation of Best Available Retrofit Control Technology (BARCT) at industrial Cap-and-Trade sources. The AB 617 Expedited BARCT Implementation Schedule was adopted by the Air District Board of Directors in December 2018 and identified several potential rule development efforts to further reduce emissions of criteria pollutants at these sources.

Air District staff is developing amendments to Rule 6-5 to address emissions of particulate matter, including condensable particulate matter, from petroleum refinery fluidized catalytic cracking units. Petroleum refinery fluidized catalytic cracking units (FCCUs) are some of the largest individual sources of particulate matter (PM) emissions in the San Francisco Bay Area, and further reductions of these emissions are needed to ensure progress towards attainment of state and national ambient air quality standards and to achieve further clean air and public health benefits.

To inform discussions about proposed amendments to Rule 6-5, as well as to support development of an emissions reduction plan for Richmond-San Pablo under AB 617, Air District staff is assessing the impacts of large sources of PM through computer dispersion modeling. Staff started with the Chevron Richmond Refinery, simulating emissions of PM from the petroleum refinery's FCCU and other sources at the facility.

DISCUSSION

Air District staff released draft amendments to Rule 6-5 and an Initial Staff Report in May 2020 for public review and comment. The draft amendments include new and modified limits on ammonia and sulfur dioxide, which can contribute to the formation of condensable and secondary particulate matter. The draft amendments also include a limit on total PM₁₀, which includes both filterable and condensable particulate matter. Staff is reviewing comments received on the draft amendment materials and will consider this input in the further development of these amendments. Staff anticipates presenting proposed amendments for the Board of Directors consideration in the fourth quarter of 2020.

Air District staff presented an update on the development of amendments to Rule 6-5 to the Stationary Source Committee on June 17, 2020. Staff will provide further information regarding the potential impacts of the draft amendments, including preliminary estimates of emissions reductions, compliance costs, and other potential impacts. Staff will also provide preliminary estimates and information on impacts associated with potential options for more stringent controls and limits. These estimates will continue to be refined throughout the rule development process.

Air District staff also conducted dispersion modeling of directly emitted (primary) PM_{2.5} from the Chevron Richmond Refinery, one of the Bay Area refineries affected by the proposed amendments to Rule 6-5. Emissions collected under Rule 12-15 (Petroleum Refining Emissions Tracking) provided one key set of modeling inputs. Some other information needed for modeling, such as stack height and stack gas temperature, was collected under Rule 11-18 (Reduction of Risk from Air Toxic Emissions at Existing Facilities). Using these datasets, modeling was applied to track plumes from each of 119 identified unique sources of PM_{2.5} from the refinery, including the FCCU stack. Modeling was conducted using emission estimates for calendar year 2018 and using winds and other meteorological inputs from three years, 2016-2018, to predict three-year-average, annual concentrations of primary PM_{2.5} from the refinery.

Maps of modeling results show areas of concentration impacts and allow for estimates of exposures in nearby communities, from all sources at the refinery and from the FCCU alone. In residential areas, the highest modeled annual-average PM_{2.5} concentrations from the refinery were between 0.5 and 1 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). For reference, in recent years the observed, annual-average PM_{2.5} levels at the Air District's nearby San Pablo regulatory monitoring site is about 10 $\mu\text{g}/\text{m}^3$ (about 9 $\mu\text{g}/\text{m}^3$ if wildfire days are excluded).

The modeled plume of primary PM_{2.5} from the Chevron Richmond Refinery extends for many miles before its concentration falls below 0.1 $\mu\text{g}/\text{m}^3$. Almost half a million people (449,000) reside within that area. Within this modeled plume, statistics were compiled on who—what population, by race/ethnicity—is exposed. Exposures are not distributed equally. Within the area of the identified plume, Hispanic and African American/Black residents are exposed to higher concentrations. Specifically, the share of the exposure borne by Hispanic residents (38%) is larger than their population share (30%). Likewise, the share of the exposure borne by African American/Black residents (20%) is greater than their population share (18%).

The FCCU accounts for nearly half (48%) of total PM_{2.5} emissions from the Chevron Richmond Refinery and contribute about a third (36%) of the modeled residential exposures from Chevron-contributed primary PM_{2.5} concentrations above 0.1 µg/m³. Additional controls limiting FCCU emissions to 0.020 grains/dry standard cubic feet would reduce PM_{2.5} emissions from the Chevron Richmond Refinery by about 16% and reduce the associated exposures by about 12%.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Phil Martien and Elizabeth Yura
Reviewed by: Greg Nudd

STATIONARY SOURCE COMMITTEE
MEETING OF 07/29/2020

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Report of the Executive Committee Meeting of July 29, 2020

RECOMMENDED ACTION

The Executive Committee (Committee) received only informational items and have no recommendations of approval by the Board of Directors (Board).

BACKGROUND

The Committee met on Wednesday, July 29, 2020, and received the following reports:

- A) Hearing Board Quarterly Report: January 2020 – March 2020;
- B) Hearing Board Quarterly Report: April 2020 – June 2020;
- C) Bay Area Regional Collaborative (BARC) Update;
- D) Air District Efforts to Encourage Remote Work Update;
- E) Wildfire Program Update; and
- F) Climate Tech Finance Program Update.

Chairperson Rod Sinks will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None;
- B) None;
- C) None;
- D) Funding is included in the Fiscal Year Ending 2021 budget;
- E) None; and
- F) None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Amanda Balneg
Reviewed by: Vanessa Johnson

Attachment 14A: 07/29/2020 – Executive Committee Meeting Agenda #3
Attachment 14B: 07/29/2020 – Executive Committee Meeting Agenda #4
Attachment 14C: 07/29/2020 – Executive Committee Meeting Agenda #5
Attachment 14D: 07/29/2020 – Executive Committee Meeting Agenda #6
Attachment 14E: 07/29/2020 – Executive Committee Meeting Agenda #7
Attachment 14F: 07/29/2020 – Executive Committee Meeting Agenda #8

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Executive Committee

From: Chairperson Valerie J. Armento, Esq., and
Members of the Hearing Board

Date: July 23, 2020

Re: Hearing Board Quarterly Report: January 2020 – March 2020

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

This report covers the first calendar quarter (January - March) of 2020.

- Held no hearings;
- Processed a total of three orders; and
- Collected a total of \$4,557.00 in variance application filing fees.

Below is a detail of Hearing Board activity during the same period:

Location: Contra Costa County; Crockett

Docket: 3719 – Shore Terminals LLC – *Request for Interim and Short-Term Variances*

Regulation(s): Regulation 2, Rule 6, Section 307 (Permits, Major Facility Review, Non-Compliance); Regulation 8, Rule 5, Section 306 (Organic Compounds, Storage of Organic Liquids, Requirements for Approved Emission Control Systems); and Permit Condition #6185, parts 1, 14, 20, and 22.

Synopsis: Applicant operates Selby Terminal, a transportation and storage facility for receiving, storing, and shipping liquid petroleum and biofuel products. On October 15, 2019, a fire unexpectedly occurred at the facility and caused the collapse of two tanks and the loss of vapor controls for several other tanks. The tanks store liquid petroleum and ethanol products. Because of the fire, the tanks' lines to the facility's Vapor Recovery Units were inoperable. Applicant maintained that there were no prior indications of issues that would lead to this type of incident. Applicant sought, and was granted, emergency variance relief from the Air District's Permit's requirements that the tanks continuously vent to the Vapor Recovery Units (Docket N0. 3716) from October 16, 2019 to November 14, 2019. On November 8, 2019, Applicant called Clerk of the Hearing Board to indicate the Applicant's intent to apply for an interim/short-term variance

application, as the Applicant felt they needed to seek relief **beyond** the time period requested (and granted) in their emergency variance application several weeks prior.

Status: Application filed on November 14, 2019; interim variance and short-term variance hearings both originally scheduled for December 3, 2019; on November 26, 2019, Applicant requested to change both hearing dates to December 10, 2019 (which the Hearing Board approved); at the hearing held on December 10, 2019, both parties agreed to accept consideration of *solely* a Short-Term Variance, as they differed on the legal interpretation of the interim variance, and the Hearing Board proceeded to review the request for a short-term variance; Order Granting Short-Term Variance filed on December 30, 2019; on January 29, 2020, applicant submitted revised excess emissions calculations, and the Clerk asked the Air District's Engineering Division to corroborate the applicant's calculations and generate an invoice, if necessary.

Requested Period of Variance: (Originally) November 14, 2019 to February 12, 2020; (Amended Request at the December 10, 2019 hearing) November 14, 2019 to November 23, 2019.

Estimated Excess Emissions: 0.021 lb. of VOC (gasoline and ethanol) for each of the three tanks after mitigation.

Variance-related fees collected this quarter: \$0.

Location: Napa County; Yountville

Docket: 3721 – Veterans Home of California – Request for Emergency Variance

Regulation(s): Regulation 2, Rule 1, Sections 301 and 302 (Permits, General Requirements, Authority to Construct, and Permit to Operate).

Synopsis: Applicant is the largest veterans' home in the United States, offering residential, recreational, and therapeutic accommodations for 800 veterans. A stationary steam boiler for local heating has been maintained, according to the manufacturer's recommendations over the life of the installation (~30 years). On January 30, 2020, an inspection found irreparable internal damage. Applicant planned to permanently replace the boiler. This project required the installation of a portable, temporary boiler to operate during the interim of the construction phase. The temporary boiler needed to be online before the old boilers were decommissioned. To go without heat would have caused a detriment to the facility's mission to care for the veterans' health. As a result of installing and operating the temporary boiler, the facility could not maintain building heat and complete the existing boiler replacement project without operating in violation of Air District Regulation 2-1.

Status: Application filed on February 5, 2020; Air District Compliance & Enforcement Division's and Hearing Board's responses, both recommending the emergency variance be granted, filed on February 11 and 13, 2020, respectively; Order Granting Emergency Variance filed on February 13, 2020.

Requested Period of Variance: February 6, 2020 to March 6, 2020.

Estimated Excess Emissions: Applicant did not anticipate any excess emissions.

Variance-related fees collected this quarter: \$1,519.00 (application filing fee).

Location: Santa Clara County; Cupertino

Docket: 3722 – Lehigh Southwest Cement Company – Request for Emergency Variance

Regulation(s): Regulation 2, Rule 1, Section 302.3 (Permits, General Requirements, Permit to Operate, Temporary Operation).

Synopsis: Applicant operates a Portland Cement manufacturing facility. On January 30, 2020, a belt conveyor at the facility was unexpectedly taken out of service, due to unexpected structural damage, which halted the facility's cement production capability. Per phone conversations between Lehigh and the Air District, Lehigh submitted an emergency variance Application for relief from Rule 2-1-302.3 while a compliance agreement was drafted to cover operations for three months and a Permit to Operate application was processed for temporary conveyor system (Permit to Operate application submitted February 6, 2020).

Status: Application filed on February 7, 2020; Air District Compliance & Enforcement Division's and Hearing Board's responses, both recommending the emergency variance be granted, filed on February 19 and 24, 2020, respectively; Order Granting Emergency Variance filed on February 25, 2020.

Requested Period of Variance: February 12, 2020 to March 13, 2020.

Estimated Excess Emissions: Applicant did not anticipate any excess emissions.

Variance-related fees collected this quarter: \$1,519.00 (application filing fee).

Location: Alameda County; Dublin

Docket: 3723 – Carl Zeiss Meditec, Inc. – Request for Emergency Variance

Regulation(s): Regulation 2, Rule 1, Section 307 (Permits, General Requirements, Failure to Meet Permit Conditions); Permit Condition #22820 (limits non-emergency use of an emergency backup generator to 20 hours per year)

Synopsis: Applicant develops, designs, manufactures, distributes, and services ophthalmic medical devices. Applicant facility lost power on June 20, 2019, when an electrical busway failed. At that time, a temporary repair was made to restore power to the facility with the intention to make a permanent replacement at a later date. The installation of the new busway was scheduled to take place on February 29, 2020, and was expected to take approximately 30 hours to complete. The project required severing the electrical connection to the facility from PG&E for installation of the new busway. The facility houses computer servers that operate their worldwide network, and to go without power would have caused a detriment to the ongoing operations of the

corporation. As a result of installing the new busway, the facility could not operate their computer servers without operating their emergency backup generator in violation of Air District Regulation 2, Rule 1, Section 307 (Failure to Meet Permit Condition) as permit condition #22820 limits non-emergency use of the generator to 20 hours per year.

Status: Application filed on March 2, 2020; Air District Compliance & Enforcement Division's and Hearing Board's responses, both recommending the emergency variance be granted, filed on March 9 and 10, 2020, respectively; Order Granting Emergency Variance filed on March 11, 2020.

Requested Period of Variance: February 29, 2020 to March 1, 2020.

Estimated Excess Emissions: (see below)

SUMMARY OF TOTAL EXCESS EMISSIONS:

Pollutant	Estimated Emission Variance (total lbs)
Arsenic (all)	3.28767E-06
Benzene	0.003846575
Beryllium (all) Pollutant	2.19178E-06
Cadmium	8.21918E-06
Chromium (hexavalent)	0
Diesel Engine Exhaust articulate	0.036962192
Formaldehyde	0.000318336
Lead All) pollutant	7.12323E-06
Manganese	1.09589E-05
Mercury (all) pollutant	2.19178E-06
Nickel pollutant	0.001353425
Particulate	0.04
Organics	0.18
NOx	2.7
CO	0.58
CO2	116.8789041
CH4	0.004383562
N2O	0.00109589
Total	120.4268981

Variance-related fees collected this quarter: \$1,519.00 (application filing fee).

Respectfully submitted,

Valerie J. Armento, Esq.
Chair, Hearing Board

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Executive Committee

From: Chairperson Valerie J. Armento, Esq., and
Members of the Hearing Board

Date: July 23, 2020

Re: Hearing Board Quarterly Report: April 2020 – June 2020

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

This report covers the second calendar quarter (April - June) of 2020.

- Held no hearings;
- Processed no orders; and
- Collected a total of \$14,577.12 in excess emissions fees.

Below is a detail of Hearing Board activity during the same period:

Location: Contra Costa County; Crockett

Docket: 3716 – Shore Terminals LLC – Request for Emergency Variance

Regulation(s): Regulation 2, Rule 6, Section 307 (Permits, Major Facility Review, Non-Compliance); and Permit Condition #6185, parts 1, 14, 20, and 22.

Synopsis: Applicant operates Selby Terminal, a transportation and storage facility for receiving, storing, and shipping liquid petroleum and biofuel products. On October 15, 2019, a fire unexpectedly occurred at the facility and caused the collapse of two tanks and the loss of vapor controls for several other tanks. The tanks stored liquid petroleum and ethanol products. Because of the fire, the tanks' lines to the facility's Vapor Recovery Units were inoperable. Applicant sought variance relief from the Air District's Permit's requirements that the tanks continuously vent to the Vapor Recovery Units. The Applicant maintains that there were no prior indications of issues that would lead to this type of incident.

Status: Application filed on October 16, 2019; Air District Compliance & Enforcement Division and Hearing Board responses submitted to the Clerk on October 18, 2019, both recommending that the emergency variance be granted; Order Granting Emergency Variance filed on October 25,

2019; on December 13, 2019, applicant submitted revised excess emissions calculations, and the Clerk asked the Air District's Engineering Division to corroborate the applicant's calculations and generate an invoice, if necessary; on April 4, 2020, Air District Engineering Division produced excess emissions fee invoice, which Clerk sent to applicant; on April 28, 2020, applicant sent payment for excess emissions fee.

Requested Period of Variance: October 15, 2019 to November 14, 2019.

Estimated Excess Emissions: Unknown at the time the application was submitted; Applicant submitted the following calculations on December 13, 2019:

VOC: 1,558 lbs (total for entire variance period)
Benzene: 0.4 lbs
Ethyl Benzene: 2 lbs
Toluene: 10 lbs
Xylenes (mixed): 3 lbs

Variance-related fees collected this quarter: \$9,347.50 (excess emissions fee).

Location: Contra Costa County; Crockett

Docket: 3719 – Shore Terminals LLC – *Request for Interim and Short-Term Variances*

Regulation(s): Regulation 2, Rule 6, Section 307 (Permits, Major Facility Review, Non-Compliance); Regulation 8, Rule 5, Section 306 (Organic Compounds, Storage of Organic Liquids, Requirements for Approved Emission Control Systems); and Permit Condition #6185, parts 1, 14, 20, and 22.

Synopsis: Applicant operates Selby Terminal, a transportation and storage facility for receiving, storing, and shipping liquid petroleum and biofuel products. On October 15, 2019, a fire unexpectedly occurred at the facility and caused the collapse of two tanks and the loss of vapor controls for several other tanks. The tanks store liquid petroleum and ethanol products. Because of the fire, the tanks' lines to the facility's Vapor Recovery Units were inoperable. Applicant maintained that there were no prior indications of issues that would lead to this type of incident. Applicant sought, and was granted, emergency variance relief from the Air District's Permit's requirements that the tanks continuously vent to the Vapor Recovery Units (Docket N0. 3716) from October 16, 2019 to November 14, 2019. On November 8, 2019, Applicant called Clerk of the Hearing Board to indicate the Applicant's intent to apply for an interim/short-term variance application, as the Applicant felt they needed to seek relief **beyond** the time period requested (and granted) in their emergency variance application several weeks prior.

Status: Application filed on November 14, 2019; interim variance and short-term variance hearings both originally scheduled for December 3, 2019; on November 26, 2019, Applicant requested to change both hearing dates to December 10, 2019 (which the Hearing Board approved); at the hearing held on December 10, 2019, both parties agreed to accept consideration of *solely* a Short-Term Variance, as they differed on the legal interpretation of the interim variance, and the Hearing Board proceeded to review the request for a short-term variance; Order Granting

Short-Term Variance filed on December 30, 2019; on January 29, 2020, applicant submitted excess emissions calculations, and the Clerk asked the Air District's Engineering Division to corroborate the applicant's calculations and generate an invoice, if necessary; on April 4, 2020, Air District Engineering Division produced excess emissions fee invoice, which Clerk sent to applicant; on April 28, 2020, applicant sent payment for excess emissions fee.

Requested Period of Variance: (Originally) November 14, 2019 to February 12, 2020; (Amended Request at the December 10, 2019 hearing) November 14, 2019 to November 23, 2019.

Estimated Excess Emissions: 0.021 lb. of VOC (gasoline and ethanol) for each of the three tanks after mitigation.

Variance-related fees collected this quarter: \$9.38 (excess emission fee).

Location: Napa County; Yountville

Docket: 3721 – Veterans Home of California – Request for Emergency Variance

Regulation(s): Regulation 2, Rule 1, Sections 301 and 302 (Permits, General Requirements, Authority to Construct, and Permit to Operate).

Synopsis: Applicant is the largest veterans' home in the United States, offering residential, recreational, and therapeutic accommodations for 800 veterans. A stationary steam boiler for local heating has been maintained, according to the manufacturer's recommendations over the life of the installation (~30 years). On January 30, 2020, an inspection found irreparable internal damage. Applicant planned to permanently replace the boiler. This project required the installation of a portable, temporary boiler to operate during the interim of the construction phase. The temporary boiler needed to be online before the old boilers were decommissioned. To go without heat would have caused a detriment to the facility's mission to care for the veterans' health. As a result of installing and operating the temporary boiler, the facility could not maintain building heat and complete the existing boiler replacement project without operating in violation of Air District Regulation 2-1.

Status: Application filed on February 5, 2020; Air District Compliance & Enforcement Division's and Hearing Board's responses, both recommending the emergency variance be granted, filed on February 11 and 13, 2020, respectively; Order Granting Emergency Variance filed on February 13, 2020; on April 3, 2020, Air District Engineering Division produced excess emissions fee invoice, which Clerk sent to applicant; on June 3, 2020, applicant sent payment for excess emissions fee.

Requested Period of Variance: February 6, 2020 to March 6, 2020.

Estimated Excess Emissions: Applicant did not anticipate any excess emissions, but the Air District calculated a total of 674.40 lbs of Criteria Air Pollutants (NO_x, CO, POC, PM, SO₂) and 1.51 lbs of Toxic Air Contaminants (benzene and formaldehyde).

Variance-related fees collected this quarter: \$3,976.00 (excess emissions fee).

Location: Santa Clara County; Cupertino

Docket: 3722 – Lehigh Southwest Cement Company – Request for Emergency Variance

Regulation(s): Regulation 2, Rule 1, Section 302.3 (Permits, General Requirements, Permit to Operate, Temporary Operation).

Synopsis: Applicant operates a Portland Cement manufacturing facility. On January 30, 2020, a belt conveyor at the facility was taken out of service, due to unexpected structural damage, which halted the facility's cement production capability. Per phone conversations between Lehigh and the Air District, Lehigh submitted an emergency variance application for relief from Rule 2-1-302.3 while a compliance agreement was drafted to cover operations for three months *and* a Permit to Operate application was processed for temporary conveyor system (Permit to Operate application submitted February 6, 2020).

Status: Application filed on February 7, 2020; Air District Compliance & Enforcement Division's and Hearing Board's responses, both recommending the emergency variance be granted, filed on February 19 and 24 respectively; Order Granting Emergency Variance filed on February 25, 2020; Temporary Permit to Operate for the temporary conveyor system issued on April 13, 2020.

Requested Period of Variance: February 12, 2020 to March 13, 2020.

Estimated Excess Emissions: None, emissions occurring from the variance were estimated and accounted for as part of Application 30343.

Variance-related fees collected this quarter: None; fees for emissions occurring from the variance were collected as part of Application 30343 as well as part of a penalty collected for a Notice of Violation.

Location: Alameda County; Dublin

Docket: 3723 – Carl Zeiss Meditec, Inc. – Request for Emergency Variance

Regulation(s): Regulation 2, Rule 1, Section 307 (Permits, General Requirements, Failure to Meet Permit Conditions); Permit Condition #22820 (limits non-emergency use of an emergency backup generator to 20 hours per year)

Synopsis: Applicant develops, designs, manufactures, distributes, and services ophthalmic medical devices. Applicant facility lost power on June 20, 2019, when an electrical busway failed. At that time, a temporary repair was made to restore power to the facility with the intention to make a permanent replacement at a later date. The installation of the new busway was scheduled to take place on February 29, 2020, and was expected to take approximately 30 hours to complete. The project required severing the electrical connection to the facility from PG&E for installation of the new busway. The facility houses computer servers that operate their worldwide network, and to go without power would have caused a detriment to the ongoing operations of the corporation. As a result of installing the new busway, the facility could not operate their computer

servers without operating their emergency backup generator in violation of Air District Regulation 2, Rule 1, Section 307 (Failure to Meet Permit Condition) as permit condition #22820 limits non-emergency use of the generator to 20 hours per year.

Status: Application filed on March 2, 2020; Air District Compliance & Enforcement Division's and Hearing Board's responses, both recommending the emergency variance be granted, filed on March 9 and 10, 2020, respectively; Order Granting Emergency Variance filed on March 11, 2020; on April 9, 2020, Air District Engineering Division produced excess emissions fee invoice, which Clerk sent to applicant; on April 13, 2020, applicant sent payment for excess emissions fee.

Requested Period of Variance: February 29, 2020 to March 1, 2020.

Estimated Excess Emissions: (see below)

SUMMARY OF TOTAL EXCESS EMISSIONS:

Pollutant	Estimated Emission Variance (total lbs)
Arsenic (all)	3.28767E-06
Benzene	0.003846575
Beryllium (all) Pollutant	2.19178E-06
Cadmium	8.21918E-06
Chromium (hexavalent)	0
Diesel Engine Exhaust articulate	0.036962193
Formaldehyde	0.000318356
Lead All) pollutant	7.12329E-06
Manganese	1.09589E-05
Mercury (all) pollutant	2.19178E-06
Nickel pollutant	0.001353425
Particulate	0.04
Organics	0.18
NOx	2.7
CO	0.58
CO2	116.8789041
GHG	0.004383562
H2O	0.00109589
Total	120.4268981

Variance-related fees collected this quarter: \$1,244.24 (excess emissions fee).

Respectfully submitted,

Valerie J. Armento, Esq.
Chair, Hearing Board

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: July 23, 2020

Re: Bay Area Regional Collaborative (BARC) Update

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Bay Area Regional Collaborative (BARC) consists of Board/Commission representatives of the four regional agencies and provides a forum for discussing issues of regional importance.

DISCUSSION

At the upcoming Executive Committee meeting, the BARC Program Coordinator, Lucian Go, will provide an update on the activities of the BARC.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Justine Buenaflo

Reviewed by: Vanessa Johnson

Attachment 5A: BARC Climate Resilience Legislative Recommendations

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: July 23, 2020

Re: Air District Efforts to Encourage Remote Work Update

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Local and state officials issued shelter-in-place orders in March 2020, to protect the public from the spread of COVID-19. The orders necessitated a major shift in how Bay Area employers do business and many employees quickly made the adjustment to implement remote work. The Air District is taking this opportunity to continue air quality gains by encouraging employers to incorporate remote work for their organizations moving forward. Remote work will not only help improve air quality and reduce climate impacts, it will enable employers to continue social distancing, save money, and ease the commute burdens and costs for employees moving forward.

On July 13, 2020, the Air District launched the Cut the Commute Pledge, asking Bay Area employers to commit to extend remote work options for their employees and maintain our air quality progress even after shelter-in-place orders are eased. By signing the pledge, employers vow to extend remote work options by at least 25 percent, for employees whose work requirements allow for that flexibility, and to promote alternative commutes for those who can't work remotely. Employers subject to the Commuter Benefits Program may also be able to comply with the rule by offering remote work to their employees.

DISCUSSION

As part of the Air District's efforts to encourage remote work around the Bay Area, staff will provide an update on the Spare the Air advertising and outreach campaign, Employer Program developments, online remote work clearinghouse, and proposed updates to the Commuter Benefits Program.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding is included in the Fiscal Year Ending 2021 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Kristina Chu
Reviewed by: Kristine Roselius

EXECUTIVE COMMITTEE MEETING
OF 07/29/2020

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: July 23, 2020

Re: Wildfire Program Update

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Wildfires continue to threaten air quality across the Bay Area region, the state and globally. Over the last few years, the Air District has taken extensive steps to prepare for, prevent and respond to future wildfires and smoke impacts in the Bay Area through the Wildfire Air Quality Response Program (WAQRP). The program continues to strengthen and evolve as Air District staff work together with local and state partners to create clean air centers to provide improved air filtration systems to those most vulnerable, explore and develop strategies for new regulatory actions, direct funding to implement a new Wildfire Prevention Chipping Pilot Program and continue to advance a robust public messaging plan to raise awareness on the health impacts of wildfire smoke and how to prepare for wildfire smoke impacts during a pandemic.

DISCUSSION

As part of this presentation, staff will provide an update to the ongoing wildfire program efforts and strategies this year.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Tracy Lee
Reviewed by: Wayne Kino

EXECUTIVE COMMITTEE MEETING
OF 07/29/2020

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: July 23, 2020

Re: Climate Tech Finance Program Update

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Climate Tech Finance program is the Air District's first incentive program to reduce greenhouse gas emissions at industrial facilities. The program offers two financing vehicles: loan guarantees to improve access to credit for climate technology developers, and direct loans to improve local government access to capital when buying greenhouse gas-lowering technologies. These financial products are offered through a partnership with the California Infrastructure and Economic Development Bank (IBank). The Air District has committed an initial amount of \$4 million for this revolving loan program.

Prior to program launch, the Air District published the Climate Technology Review, an assessment of nearly 200 climate technologies. The evaluation focused on technologies in the early commercialization stage that have demonstrated technical merit, high potential to reduce greenhouse gases, and strong cost effectiveness and return on investment. The report identified specific technologies and sectors that would benefit from accelerated project development if offered appropriate financial incentives.

Based on this assessment, staff conducted targeted outreach to technology developers and potential technology adopters to identify prospective borrowers and climate projects for Climate Tech Finance. For promising climate projects, the Air District provides an engineering evaluation to certify the technical merit of projects and characterize their greenhouse gas impacts. The program also provides technical assistance to borrowers to guide them through the lending process and facilitate discussions with banking partners and potential customers.

DISCUSSION

Through targeted outreach for Climate Tech Finance, staff developed a loan customer database of over 450 Bay Area organizations with potential climate projects. In June 2020, the program executed its first loan guarantee for SW/TCH Maritime, a San Francisco-based company developing a first-of-its-kind, zero-emission fuel cell ferry that will service passengers between San Francisco and Oakland later this year. The Air District has allocated \$250,000 to fund this guarantee, which is supporting a 5-year loan of \$5 million—leveraging the Air District contribution 20 times. The project is estimated to create 63 jobs and reduce 1,190 metric tons of CO₂ equivalent per year once the ferry is fully operational.

In addition, the Climate Tech Finance program has completed engineering evaluations for six more projects and approved them for loan guarantees:

- A company scaling up production of integrated residential battery systems
- An in-road energy recovery system at toll gates
- A company scaling up deployment of battery-boosted electric vehicle chargers
- A project to produce concrete from low-carbon aggregate
- A company scaling up deployment of solar microgrids
- An energy-efficient cooling technology for data centers

These projects are pending final approval from the respective banks originating the loans. If the banks approve the above projects, the total Air District commitment to guarantee the six loans would be approximately \$1 million. By leveraging additional assets through its partnership with IBank, the Air District's \$1 million commitment would be supporting an additional \$17 million in total loan value.

Staff have also had discussions on 35 more specific climate projects in the Bay Area actively seeking financing. In total, the program has identified over \$400 million in demand for climate loans in the Bay Area.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Derrick Tang
Reviewed by: Anthony Fournier

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Report of the Advisory Council Meeting of July 31, 2020

RECOMMENDED ACTION

The Advisory Council received only informational items and have no recommendations of approval by the Board of Directors (Board).

BACKGROUND

The Committee met on Friday, July 31, 2020, and received the following reports:

- A) Regulated Industry Perspectives Regarding Particulate Matter (PM) Measures;
- B) Bay Area Particulate Matter (PM) Modeling-Based Assessments and Next Steps; and
- C) Deliberation on Particulate Matter (PM) Strategy and Next Steps.

Board Liaison Rod Sinks will provide an oral report of the Council meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None;
- B) None; and
- C) None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Amanda Balneg
Reviewed by: Vanessa Johnson

Attachment 15A: 07/31/2020 – Advisory Council Meeting Agenda #4
Attachment 15B: 07/31/2020 – Advisory Council Meeting Agenda #5
Attachment 15C: 07/31/2020 – Advisory Council Meeting Agenda #6

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Stan Hayes and Members
of the Advisory Council

From: Jack P. Broadbent
Executive Officer/APCO

Date: July 23, 2020

Re: Regulated Industry Perspectives Regarding Particulate Matter (PM) Measures

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Representatives will share industry perspectives for consideration as the Advisory Council (Council) evaluates potential strategies to reduce fine particulate matter in the future. Industry presentations, together with community presentations provided at the May 12, 2020, Council meeting, will help further inform deliberations.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sonam Shah-Paul

Reviewed by: Jeffrey McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Stan Hayes and Members
of the Advisory Council

From: Jack P. Broadbent
Executive Officer/APCO

Date: July 23, 2020

Re: Bay Area Particulate Matter (PM) Modeling-Based Assessments and Next Steps

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Staff will provide a presentation on recent and in-progress work on modeling-based assessments of fine particulate matter (PM_{2.5}) for the Bay Area region, for sources within an impacted community, and for sources within a major industrial facility. Topics to be discussed will include:

- Regional- and community-scale PM_{2.5} modeling to support Assembly Bill (AB) 617 Community Action Plans;
- Modeling directly emitted (primary) PM_{2.5} from a Bay Area petroleum refinery; and
- Next steps, including plans for estimating reductions in adult mortality risk from reductions in PM_{2.5}.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sonam Shah-Paul
Reviewed by: Phil Martien and Gregory Nudd

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Stan Hayes and Members
of the Advisory Council

From: Jack P. Broadbent
Executive Officer/APCO

Date: July 23, 2020

Re: Deliberation on Particulate Matter (PM) Strategy and Next Steps

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Beginning in late 2019, the Advisory Council (Council) received presentations from nationally recognized scientists, community leaders, regulated industry, and Air District staff to inform discussion on fine particulate matter and potential measures to further protect public health. The Council will continue discussions on reducing fine particulate matter in the Bay Area region.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sonam Shah-Paul

Reviewed by: Jeff McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Report of the Ad Hoc Committee on Equity, Access, and Inclusion Meeting of
September 10, 2020

RECOMMENDED ACTION

The Ad Hoc Committee on Equity, Access, and Inclusion (Committee) recommends Board of Directors (Board) approval of the following items:

- A) Resolution Reaffirming the Bay Area Air Quality Management District's (Air District) Commitment to Diversity, Equity, Access, and Inclusion;
 - 1) The Ad Hoc Committee on Equity, Access, and Inclusion will consider recommending that the Board of Directors adopt the resolution reaffirming the Air District's commitment to Diversity, Equity, Access, and Inclusion.
- B) Review of the Advisory Council Recruitment Process;
 - 1) None; receive and file.
- C) Update on Assembly Bill (AB) 617 Richmond/San Pablo Path to Clean Air;
 - 1) None; receive and file.
- D) Community Storytelling; and
 - 1) None; receive and file.
- E) Update on Office of Diversity, Equity & Inclusion | Internal and External Efforts to Advance Equity.
 - 1) None; receive and file.

BACKGROUND

The Committee met on Thursday, September 10, 2020, and received the following reports:

- A) Resolution Reaffirming the Bay Area Air Quality Management District's (Air District) Commitment to Diversity, Equity, Access, and Inclusion;
- B) Review of the Advisory Council Recruitment Process;
- C) Update on Assembly Bill (AB) 617 Richmond/San Pablo Path to Clean Air;
- D) Community Storytelling; and
- E) Update on Office of Diversity, Equity & Inclusion | Internal and External Efforts to Advance Equity.

Chairperson Davina Hurt will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None;
- B) None;
- C) Resources to implement AB 617 in the Richmond/San Pablo area are included in the Fiscal Year Ending 2021 budget;
- D) None; and
- E) None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Amanda Balneg
Reviewed by: Vanessa Johnson

Attachment 16A: 09/10/2020 – Ad Hoc Committee Meeting Agenda #3
Attachment 16B: 09/10/2020 – Ad Hoc Committee Meeting Agenda #4
Attachment 16C: 09/10/2020 – Ad Hoc Committee Meeting Agenda #5
Attachment 16D: 09/10/2020 – Ad Hoc Committee Meeting Agenda #6
Attachment 16E: 09/10/2020 – Ad Hoc Committee Meeting Agenda #7

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Ad Hoc Committee on Equity, Access, and Inclusion

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 1, 2020

Re: Resolution Reaffirming the Bay Area Air Quality Management District's (Air District)
Commitment to Diversity, Equity, Access, and Inclusion

RECOMMENDED ACTION

The Ad Hoc Committee on Equity, Access, and Inclusion will consider recommending that the Board of Directors adopt the resolution reaffirming the Air District's commitment to Diversity, Equity, Access, and Inclusion.

BACKGROUND

On June 17, 2020, the Board of Directors adopted Resolution No. 2020-08 Condemning Racism and Injustice and Affirming Commitment to Diversity, Equity, Access, and Inclusion.

The attached draft Resolution reaffirms the Air District's commitment to Diversity, Equity, Access, and Inclusion and seeks to redress a matter that has come to the Air District's attention.

DISCUSSION

The Air District would like to express its deepest gratitude to Dr. Henry Clark for his stalwart leadership, and advocacy for communities in North Richmond, California. Some years ago, Dr. Clark was subjected to disrespectful and unacceptable treatment during a board meeting, where security guards were asked to intervene during Dr. Clark's public testimony.

This Resolution is a formal apology to Dr. Henry Clark, recognizing and honoring Dr. Clark as a pioneer in the environmental justice movement with his advocacy for vulnerable communities experiencing disproportionate health disparities from air pollution, as well as socioeconomic impacts of systemic racism.

The Air District firmly believes in respect for the inherent dignity of all individuals, and that marginalization of community members must not just be condemned, but eradicated. Every person's constitutional rights must be protected. We must be empathetic and seek to understand those who have endured intolerance, as they share their expertise and experiences.

The Ad Hoc Committee on Equity, Access, and Inclusion will consider the draft resolution at its September 10, 2020 meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Mary Ann Okpalaugo
Reviewed by: Veronica Eady

Attachment 3A: Draft Resolution Reaffirming Commitment to Diversity, Equity, Access, and Inclusion

AD HOC COMMITTEE ON EQUITY,
ACCESS, AND INCLUSION MEETING
OF 09/10/2020

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

RESOLUTION No. 2020 - 10

Resolution Reaffirming Commitment to Diversity, Equity, Access, and Inclusion

WHEREAS, it has come to the attention of the Bay Area Air Quality Management District that Dr. Henry Clark was subjected to egregious, disrespectful, and unacceptable treatment some years ago when security guards were asked to intervene while Dr. Clark was exercising his right to provide public testimony at a board meeting.

WHEREAS, the Bay Area Air Quality Management District Board recently adopted Resolution 2020-08 Condemning Racism and Injustice and Affirming Commitment to Diversity, Equity, Access, and Inclusion. We are committed to building a culture of belonging for all people who partner with the Air District – this includes people of all races, colors, gender identities, ages, abilities, sexual orientations, and religions.

WHEREAS, the Bay Area Air Quality Management District strives to ensure all public meetings are conducted in a fair and inclusive manner.

WHEREAS, we firmly believe in respect for the inherent dignity of all individuals, and that marginalization of community members must not just be condemned, but eradicated.

WHEREAS, we commit to listen to, and work alongside, our employees and community to ensure they are equipped with the tools and support needed to dismantle racism in any form that has enabled systemic inequities.

WHEREAS, we will review our policies and practices and commence dismantling institutionalized racism in our own institution by uplifting BIPOC (Black, Indigenous, People of Color) voices in our communities. We will lead conversations centered around racial justice in the context of air pollution measures to reduce disparities in overburdened communities throughout the Bay Area.

WHEREAS, the Board of Directors, executive leadership, and employees of the Air District will engage in ongoing training on racial bias and institutionalized racism and will find ways to share our growth with the communities we serve.

NOW THEREFORE BE IT RESOLVED, the Bay Area Air Quality Management District Board of Directors extends a formal apology to Dr. Henry Clark and once again unequivocally condemns racism, discrimination, and police brutality, in all their destructive manifestations.

WE FURTHERMORE, acknowledge and honor Dr. Henry Clark's expertise and authentic lived experience. We express our deep gratitude for Dr. Clark's legacy, leadership, and advocacy for communities in North Richmond, California, that experience disproportionate health impacts from air pollution and other environmental stressors.

The foregoing resolution was duly and regularly introduced, passed and adopted at a meeting of the Board of Directors of the Bay Area air Quality Management District on the Motion of _____, seconded by _____, on the 16th day of September, 2020, by the following vote of the Board:

AYES:

NOES:

ABSENT:

ABSTAIN:

Rod Sinks
Chairperson of the Board of Directors

ATTEST:

Karen Mitchoff
Secretary of the Board of Directors

AD HOC COMMITTEE ON EQUITY,
ACCESS, AND INCLUSION MEETING
OF 09/10/2020

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Ad Hoc Committee on Equity, Access, and Inclusion

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 1, 2020

Re: Review of the Advisory Council Recruitment Process

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Pursuant to Section 40261 of the California Health and Safety Code, the Air District is required to maintain an Advisory Council consisting of seven members. Further, section 40262 requires that the member be “skilled and experienced in the fields of air pollution, climate change, or the health impacts of air pollution.” Advisory Council members serve a term of two years and may be reappointed up to six terms. In addition, the Chair of the Board of Directors is an ex-officio member.

One of the members is unable to continue with their service, while five other members have completed two years of service.

DISCUSSION

The Board has expressed the desire to have the Ad Hoc Committee on Equity, Access, and Inclusion provide input on the recruitment process. Staff will provide a set of possible guiding principles based on previous discussions by the Board.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jeff McKay

AD HOC COMMITTEE ON EQUITY,
ACCESS, AND INCLUSION MEETING
OF 09/10/2020

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Ad Hoc Committee on Equity, Access, and Inclusion

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 1, 2020

Re: Update on Assembly Bill (AB) 617 Richmond/San Pablo Path to Clean Air

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Assembly Bill (AB) 617 was passed in 2017 to improve local air quality and health in disproportionately impacted communities. The law requires the California Air Resources Board (CARB) work with community groups, air districts, and others to select locations from around the state where communities will work with local air districts to measure and reduce air pollution. In September 2018, CARB approved the Bay Area Air Quality Management District's (Air District) recommendation to develop and implement a Community Air Monitoring Plan (Plan) for the Richmond/San Pablo area. Following extensive engagement with the Richmond/San Pablo Monitoring Plan Steering Committee, a Plan was developed and was just finalized. The Plan is now being implemented and several air quality monitoring projects are underway across the area. The development and implementation of the Monitoring Plan are part of AB 617 efforts collectively known as the Richmond/San Pablo Path to Clean Air.

State selection of priority communities is based on local air district community recommendations. The Air District is required to submit Year 3 community recommendations to the CARB Board by October 16, 2020. For Year 3 of the Community Air Protection Program, the Air District recommends that the Richmond/San Pablo area be nominated for a Community Emissions Reduction Program.

DISCUSSION

In 2018, Richmond/San Pablo was recommended by the Air District, and selected by CARB, to participate in the development of a Community Air Monitoring Plan. A 35-member Richmond/San Pablo Monitoring Plan Steering Committee was formed in April 2019. Monthly meetings provided members with opportunities to learn about regional air quality, the health effects of exposure to air pollution, and air monitoring methods. Together, Steering Committee members spent significant time and effort discussing and identifying air quality concerns in the community and actions they wanted additional data to support. The concerns identified were wide-ranging and highlighted the need for a comprehensive approach to air monitoring.

In June 2019, the Steering Committee selected three initial air monitoring projects to collect data, conducted by the following groups: Aclima, Groundwork Richmond, and Physicians, Scientists, and Engineers for Healthy Energy in partnership with the Asian Pacific Environmental Network. In February 2020, the Steering Committee voted to move forward with an air toxic monitoring project led by the Air District, focused on measurements of volatile organic compounds. This project is expected to begin in the coming months pending restrictions due to COVID-19. Collectively, data from these air monitoring projects are expected to help better understand air pollution levels near sources of concern, identify areas with elevated levels of air pollution, evaluate differences among neighborhoods, and inform the development of emission and exposure reduction efforts in the Richmond/San Pablo area.

The Steering Committee held its final meeting in July 2020, with the completion of the Plan. The Steering Committee voted to approve a five-person Monitoring Outreach Team, comprised of members of the Steering Committee, who will collaborate with the Air District to review and revise updates on monitoring projects, present updates at public meetings, and conduct outreach to engage with the community. Updates on project status, data, and findings will be shared regularly with stakeholders and the public.

The Air District plans to submit a letter to CARB this fall recommending that Richmond/San Pablo be nominated for a Community Emissions Reduction Program. A Community Design Team composed of community members connected to the Richmond/San Pablo area will assist concurrently with the formation of a Richmond/San Pablo Community Emissions Reduction Program Steering Committee.

The Air District will continue to update the Ad Hoc Committee on Equity, Access, and Inclusion on the Richmond/San Pablo Clean Air Plan, as well as the Monitoring Plan implementation and results.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Resources to implement AB 617 in the Richmond/San Pablo area are included in the Fiscal Year Ending 2021 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Elinor Mattern
Reviewed by: Elizabeth Yura

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Ad Hoc Committee on Equity, Access, and Inclusion

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 1, 2020

Re: Community Storytelling

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

California Assembly Bill (AB) 617 was passed in 2017 to improve local air quality and health in disproportionately impacted communities. In 2018, Richmond/San Pablo was recommended by the Bay Area Air Quality Management District (Air District), and selected by the California Air Resources Board, to participate in the development of a Community Air Monitoring Plan. A 35-member Richmond/San Pablo Monitoring Plan Steering Committee was formed in April 2019. Monthly meetings provided members with opportunities to learn about regional air quality, the health effects of exposure to air pollution, and air monitoring methods. Several air quality monitoring projects are now underway across the area as part of AB 617 implementation efforts collectively known as the Richmond/San Pablo Path to Clean Air. The final Steering Committee meeting for this phase of the effort was held on July 29, 2020.

DISCUSSION

The Richmond/San Pablo Monitoring Plan Steering Committee was supported by a Co-Lead Team (co-leads) comprised of five community leaders and the Air District. Nominated by a Community Design Team and elected by the full Steering Committee, the community co-leads provided infrastructure support to the Steering Committee and the air monitoring plan development. The community co-leads were local to the Richmond/San Pablo area and were responsible for providing necessary background materials for Steering Committee members, developing meeting agendas, coordinating with the facilitation team, and leading Steering Committee activities. The co-leads also provided community engagement and technical support to the Steering Committee.

A subset of the Co-Lead Team will share reflections on their experiences co-leading AB 617 efforts in the Richmond/San Pablo area.

AB 617 Richmond/San Pablo Monitoring Plan Co-Lead Team Membership

Co-Lead Member	Affiliation
Dr. Kate Hoag	Bay Area Air Quality Management District
Randy Joseph	Community member with deep connections to youth
Dr. Naama Raz-Yaseef	Richmond Heights Neighborhood
Willie Robinson	National Association for the Advancement of Colored People: Richmond Branch
Nain Villanueva de Lopez	First 5 Contra Costa County
Linda Whitmore	Santa Fe Neighborhood

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Elinor Mattem
Reviewed by: Elizabeth Yura

AD HOC COMMITTEE ON EQUITY,
ACCESS, AND INCLUSION MEETING
OF 09/10/2020

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Davina Hurt and Members
of the Ad Hoc Committee on Equity, Access, and Inclusion

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 1, 2020

Re: Update on Office of Diversity, Equity & Inclusion

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

The Office of Diversity, Equity & Inclusion (DE&I) works with staff to strengthen internal programs, processes, and practices in support of diversity, equity, and inclusion initiatives and in accomplishing agency-wide goals and objectives to further the Air District's mission.

The Office of DE&I will update the Ad Hoc Committee on Equity, Access, and Inclusion on an initial assessment conducted by a third-party contractor examining teamwide engagement to ascertain perceptions around racial equity, diversity, and inclusion at the executive, management, and staff level for the Office of DE&I. The findings and recommendations will be presented.

Ultimately, the findings and recommendations from consultants performing assessments, along with employee recommendations, will assist with the development of a district-wide equity and employee engagement plan. The equity and employee engagement plans will serve to strengthen the culture and improve organizational performance, and seek to embed equity strategies in all policies, practices and procedures at the agency.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Mary Ann Okpalaugo
Reviewed by: Veronica Eady

AD HOC COMMITTEE ON EQUITY,
ACCESS, AND INCLUSION MEETING
OF 09/10/2020

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Update on Wildfires and Air Quality

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

California experienced some of the deadliest and most destructive wildfires in its history over the last several years. Wildfire events are becoming the new normal and new wildfire prevention initiatives and actions are needed. Studies show that climate change is not only causing higher temperatures and longer dry periods, but also lengthening the fire season and increasing the risk of wildfires throughout the state. Wildfires have the potential to destroy entire communities and burn everything in their path, producing a mixture of fine particulate matter and hazardous chemicals and compounds in the air we breathe.

Wildfire smoke presents immediate impacts to local air quality and public health, and atmospheric conditions can quickly transport smoke to affect the air quality of an entire region and that of nearby states.

In mid-August 2020, multiple wildfires developed around the Bay Area due to lightning strikes. Heavy smoke from these wildfires, as well as fires in other parts of the state, caused unhealthy air quality throughout the region. Governor Newsom declared a State of Emergency and requested federal aid to contain the fires.

DISCUSSION

As part of the Air District's Wildfire Air Quality Response Program, staff worked closely with state and local agencies, as well as the Association of Bay Area Health Officers, to ensure messaging was coordinated and consistent to the public. Staff will provide an update about the status of the wildfires, as well as an overview of the air quality impacts, the Air District's response, and outreach to the public.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Kristina Chu
Reviewed by: Kristine Roselius

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2020

Re: Overview of Petroleum Refining Market in California

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

On March 16, 2020, shelter-in-place orders due to the COVID-19 pandemic triggered changes in human activity, including commuting patterns, work-at-home policies, travel restrictions, and the shutdown of businesses. As the Covid-19 pandemic continued, the changes in human activity has caused major changes in the Bay Area petroleum refining industry.

DISCUSSION

Mr. Gordon Schrepf is the Senior Fuels Specialist, who has been working at the California Energy Commission since 1991. He advises the Commissioners, Executive Officer, Governor's Office, Legislature, state agencies, and various local government officials on policy and technical matters associated with the supply and price of transportation fuels in California and the United States. His activities also include monitoring of crude oil markets, transportation energy infrastructure assessment, renewable fuel availability developments, agricultural commodity activities, and contingency planning preparedness for liquid transportation fuels. Mr. Schrepf will be providing an overview of refining in California with an emphasis on San Francisco Bay Area operations. In addition to Mr. Schrepf's presentation, Marathon Petroleum in Martinez and Phillips 66 Rodeo Refinery, will give a brief update on their future operations.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Wayne Kino