



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

**BOARD OF DIRECTORS  
REGULAR MEETING  
November 18, 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](http://www.baaqmd.gov/bodagendas)**

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

**<https://bayareametro.zoom.us/j/82940397090>**

**(669) 900-6833 or (408) 638-0968**

**WEBINAR ID: 829 4039 7090**

- **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**

# BOARD OF DIRECTORS REGULAR MEETING AGENDA

WEDNESDAY  
NOVEMBER 18, 2020  
9:30 A.M.

Chairperson, Rod Sinks

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

**PLEDGE OF ALLEGIANCE**

**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](http://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.*

***Public Comment on Agenda Items** The public may comment on each item on the agenda as the item is taken up. Members of the public who wish to speak on matters on the agenda for the meeting, will have three minutes each to address the Board. No speaker who has already spoken on that item will be entitled to speak to that item again.*

**CLOSED SESSION**

2. **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**

**CONSENT CALENDAR (ITEMS 3-10)**

**Staff/Phone (415) 749-**

3. Minutes of the Board of Directors Meeting of October 7, 2020 and the Board of Directors Special Meeting of October 21, 2020

**Clerk of the Boards/5073**

*The Board of Directors will consider approving the draft minutes of the Board of Directors Meeting of October 7, 2020 and the Board of Directors Special Meeting of October 21, 2020.*

4. Board Communications Received from October 7, 2020 through November 17, 2020

**J. Broadbent/5052**

**[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)**

*A copy of communications directed to the Board of Directors received by the Air District from October 7, 2020 through November 17, 2020, if any, will be distributed to the Board Members by way of email.*

5. Air District Personnel on Out-of-State Business Travel

**J. Broadbent/5052**

**[jbroadbent@baaqmd.gov](mailto: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.*

6. Quarterly Report of California Air Resources Board Representative – Honorable John Gioia

**J. Broadbent/5052**

**[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)**

7. Notices of Violations Issued and Settlements in Excess of \$10,000 in the Month of September 2020

**J. Broadbent/5052**

**[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)**

*In accordance with Resolution 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 September 2020.*

8. Quarterly Report of the Executive Office and Division Activities for the Months of July 2020 – September 2020

**J. Broadbent/5052**

**[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)**

*A summary of Board of Directors, Hearing Board, and Advisory Council meeting activities for the third quarter is provided for information only. Also included is a summary of the Executive Officer and Division Activities for the months of July 2020 – September 2020.*

9. Authorization to Amend a Contract with Kadesh & Associates, LLC

**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Board of Directors will consider authorizing the Executive Officer/APCO to amend a contract with Kadesh & Associates, LLC, in an amount not to exceed \$250,000 for Federal Legislative Advocacy Services.*

10. Authorization to Amend a Contract with Avantpage, Inc.

**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Board of Directors will consider authorizing the Executive Officer/APCO to amend a contract with Avantpage, Inc., in an amount not to exceed \$125,000, for language translation services of the Air District's website.*

### **COMMITTEE REPORTS**

11. Report of the Advisory Council Meeting of October 9, 2020

**BOARD LIAISON: R. Sinks**

**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Council received the following report:*

**A) Deliberate on Particulate Matter (PM) Strategy**

- 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>

12. Report of the Mobile Source Committee Meeting of October 19, 2020

**CHAIR: D. Canepa**

**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Committee received the following reports:*

**A) Projects and Contracts with Proposed Grant Awards Over \$100,000**

- 1) Approve recommended projects with proposed grant awards over \$100,000 as shown in Attachment 1;*
- 2) Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.*

**B) Proposed Updates to the Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending (FYE) 2022**

- 1) *Recommend Board of Directors approve the proposed updates to the Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending (FYE) 2022.*

**C) Proposed Allocation of Mobile Source Incentive Fund for Electric Vehicle Charging Projects**

- 1) *Recommend Board of Directors allocate \$1 million in Mobile Source Incentive Funds (MSIF) for electric vehicle charging projects at multi-dwellings in Assembly Bill (AB) 617 communities.*

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

[www.baaqmd.gov/bodagendas](http://www.baaqmd.gov/bodagendas)

13. Report of the Executive Committee Meeting of October 21, 2020

CHAIR: R. Sinks

J. Broadbent/5052

[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Committee received the following reports:*

**A) Hearing Board Quarterly Report: July 2020 – September 2020**

- 1) *None; receive and file.*

**B) Bay Area Regional Collaborative (BARC) Update**

- 1) *None; receive and file.*

**C) Advisory Council Update**

- 1) *None; receive and file.*

**D) Status Update for the Production System Office**

- 1) *None; receive and file.*

**E) Request to Amend the Fiscal Year Ending (FYE) 2021 Budget to Increase Staffing**

- 1) *Recommend the Board of Directors (Board) amend the FYE 2021 budget to include funds for five (5) of the ten (10) full time regular positions that were previously approved by the Board.*

**F) Wildfire Air Quality Response Program Update**

*1) None; receive and file.*

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

[www.baaqmd.gov/bodagendas](http://www.baaqmd.gov/bodagendas)

14. Report of the Ad Hoc Committee on Equity, Access, and Inclusion Meeting of November 5, 2020                      CHAIR: D. Hurt                      J. Broadbent/5052  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Committee received the following reports:*

**A) Community Perspective**

*1) None; receive and file.*

**B) Discussion on the Development of a Community Advisory Council**

*1) None; receive and file.*

**C) Discussion on the Advisory Council Recruitment**

*1) None; receive and file.*

**D) Discussion on the Development of a Community Benefit Fund**

*1) None; receive and file.*

**E) Update on Assembly Bill (AB) 617 Efforts**

*1) None; receive and file.*

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

*1) None; receive and file.*

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

[www.baaqmd.gov/bodagendas](http://www.baaqmd.gov/bodagendas)

15. Report of the Advisory Council Meeting of November 9, 2020  
BOARD LIAISON: R. Sinks

J. Broadbent/5052  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Council received the following report:*

**A) Deliberation on Particulate Matter (PM) Strategy**

- 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 Legislative Committee Meeting of November 12, 2020  
CHAIR: M. Abe-Koga

J. Broadbent/5052  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Committee received the following report:*

**A) 2021 Legislative Activities**

- 1) *The Legislative Committee (Committee) will receive a report from staff on potential legislative activities in 2021, providing direction as necessary.*

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

[www.baaqmd.gov/bodagendas](http://www.baaqmd.gov/bodagendas)

17. Report of the Nominating Committee Meeting of November 18, 2020  
CHAIR: R. Sinks

J. Broadbent/5052  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Committee will receive the following report:*

**A) Consideration and Nomination of Board Officers for the Term of Office Commencing 2021**

- 1) *Consider recommending Board of Directors' approval of Board Officers for:*

- *Chairperson;*
- *Vice Chairperson; and*
- *Secretary.*

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

[www.baaqmd.gov/bodagendas](http://www.baaqmd.gov/bodagendas)

## **PRESENTATIONS**

18. Summary of 2020 Spare the Air Summer Campaign and Update of 2020-2021 Spare the Air Winter Campaign  
**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Board of Directors will receive a summary on the 2020 Spare the Air Summer Campaign and an update of the 2020-2021 Spare the Air Winter Campaign.*

19. Wildfire Air Quality Response Program Update  
**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Board of Directors will receive a presentation and update on the Wildfire Air Quality Response Program.*

20. Source Test 101  
**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*Staff will provide an overview of source testing of emissions from Bay Area Industrial Facilities.*

21. Update on Bay Area Hyperlocal Air Quality Mapping Project  
**J. Broadbent/5052**  
[jbroadbent@baaqmd.gov](mailto:jbroadbent@baaqmd.gov)

*The Board of Directors will receive a status update from Air District staff and Aclima on the project to measure typical block-by-block annual concentrations of critical air pollutants and greenhouse gases in the Bay Area.*

## **PUBLIC COMMENT ON NON-AGENDA MATTERS**

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

*Members of the public who wish to speak on matters not on the agenda for the meeting, will have three minutes each to address the Board.*

## **BOARD MEMBERS' COMMENTS**

23. *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**

24. Report of the Executive Officer/APCO

25. Chairperson's Report

26. Time and Place of Next Meeting:

*Wednesday, December 2, 2020, at 9:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.*

27. 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](mailto:vjohnson@baaqmd.gov)

**(415) 749-4941**  
**FAX: (415) 928-8560**  
**BAAQMD homepage:**  
[www.baaqmd.gov](http://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](http://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](mailto: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

### NOVEMBER 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Nominating Committee	Wednesday	18	9:00 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Regular Meeting	Wednesday	18	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Mobile Source Committee – CANCELLED AND RESCHEDULED TO THURSDAY, DECEMBER 3, 2020 AT 11:30 A.M.	Thursday	19	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Climate Protection Committee	Thursday	19	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Budget & Finance Committee	Monday	23	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Stationary Source Committee – CANCELLED	Monday	23	11:30 a.m.	Webcast only pursuant to Executive Order N-29-20

### DECEMBER 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting	Wednesday	2	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Legislative Committee	Thursday	3	9:00 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Mobile Source Committee	Thursday	3	11:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Ad Hoc Committee on Equity, Access, and Inclusion	Monday	14	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors & Advisory Council Joint Meeting	Wednesday	16	9:30 a.m.	Webcast only pursuant to Executive Order N-29-20
Board of Directors Stationary Source Committee	Thursday	17	11:30 a.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: November 12, 2020

Re: Minutes of the Board of Directors Meeting of October 7, 2020 and the Board of  
Directors Special Meeting of October 21, 2020

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RECOMMENDED ACTIONS

Approve the attached draft minutes of the Board of Directors Meeting of October 7, 2020 and the Board of Directors Special Meeting of October 21, 2020.

DISCUSSION

Attached for your review and approval are the draft minutes of the Board of Directors Meeting of October 7, 2020 and the Board of Directors Special Meeting of October 21, 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 October 7, 2020  
Attachment 3B: Draft Minutes of the Board of Director Special Meeting of October 21, 2020

## AGENDA 3A – ATTACHMENT

Draft Minutes - Board of Directors Regular Meeting of October 7, 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, October 7, 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](http://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 9:35 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, Scott Haggerty, David Hudson, Davina Hurt, Tyrone Jue, Liz Kniss, Nate Miley, Mark Ross, Jim Spering, Brad Wagenknecht, Shamann Walton, Lori Wilson, and Shirlee Zane.

Absent: Directors Carole Groom and Katie Rice.

### **CONSENT CALENDAR (ITEMS 2-6)**

2. Minutes of the Board of Directors Meeting of September 16, 2020
3. Board Communications Received from September 16, 2020 through October 6, 2020
4. Notices of Violations Issued and Settlements in Excess of \$10,000 in the Month of August 2020
5. Authorization to Execute Contract with Regional Climate Protection Authority of Sonoma County
6. Consider Adopting Proposed Amendments to the Air District's Administrative Code, Division II: Fiscal Policies and Procedures, Section 4: Purchasing Procedures, Section 4.6: Contract, Section 4.6 (d): Bid Award

### **Public Comments**

No requests received.

Board Comments

None.

Board Action

Director Wagenknecht made a motion, seconded by Director Cutter, to **approve** the Consent Calendar Items 2 through 6, inclusive; and the motion **carried** by the following vote of the Board:

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

NOTED PRESENT: Director Walton was noted present at 9:40 a.m.

RESOLUTION

**7. Consider Adopting Resolution No. 2020-10 Reaffirming the Bay Area Air Quality Management District’s (Air District) Commitment to Diversity, Equity, Access, and Inclusion**

NOTED PRESENT: Director Hurt was noted present at 9:55 a.m.; Director Wilson was noted present at 10:40 a.m.

Chair Sinks read the resolution, which reaffirms the Bay Area Air Quality Management District’s commitment to diversity, equity, access, and inclusion, and formally apologizes to Dr. Henry Clark and honors him as a pioneer and advocate in the environmental justice movement. Dr. Clark was asked to give remarks, and he thanked Ladonna Williams, Dr. Raymond Tompkins, and Director Gioia for helping coordinate this document and gesture from the Air District.

Public Comments

Public comments were given by Ladonna Williams, All Positives Possible; and Dr. Raymond Tompkins, Clean Air Health Alliance.

Board Comments

The Board and staff discussed the history of Dr. Clark’s contributions to environmental justice policies; the need to not misunderstand passion for violence; the need to find out whether other individuals have felt wronged by interactions that occurred at Air District meetings; whether the resolution language should have been communicated in a letter directly to Dr. Clark, as opposed to a public resolution; the fact that some Board members may feel unfairly labeled, due to the fact that the resolution does not specify which Board member summoned the San Francisco Police Department; the fact that institutional racism is not a generalization; the importance of remembering that trauma can be a long-term issue; and that Assemblyman Banta’s bill (Assembly Bill [AB] 1550) would pose serious

consequences on 911 callers who are motivated by an individual's race, religion, sex, or any other protected class by designating such reports as a hate crime.

### Board Action

Director Gioia made a motion, seconded by Director Ross, to **adopt** Board Resolution 2020-10, “***Reaffirming the Air District’s Commitment to Diversity, Equity, Access, and Inclusion***”; and the motion **carried** by the following vote of the Board:

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

### COMMITTEE REPORTS

#### 8. **Report of the Community and Public Health Meeting of September 17, 2020**

Community and Public Health Committee Chair, Shirley Zane, read the following committee report:

*The Community and Public Health Committee met on Thursday, September 17, 2020, and approved the minutes of May 20, 2020. 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.*

*The Committee reviewed and discussed the staff presentation Owning Our Air West Oakland Community Action Plan Update. Ms. Margaret Gordon and Brian Beveridge of the West Oakland Environmental Indicators Project gave their perspectives on the progress of West Oakland Community Action Plan implementation as well.*

*The Committee then reviewed and discussed the staff presentation Assembly Bill 617 Community Emissions Reduction Plan Recommendation and Program Next Steps. The Committee recommends the Board:*

- 1) *Approve the Richmond-San Pablo area for a community emission reduction plan under Year 3 of the State’s Community Air Protection Program.*

*The next meeting of the Community and Public Health Committee will be held on Thursday, November 5, 2020, at 9:30 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 Committee’s recommendation. This concludes the Chair Report of the Community and Public Health Committee.*

### Public Comments

Public comments were given by Ladonna Williams, All Positives Possible; Jed Holtzman, 350 Bay Area; and Dr. Raymond Tompkins, Clean Air Health Alliance.

Board Comments

The Board and staff discussed how the communities of Richmond and San Pablo have been waiting to develop an emission reduction plan under AB 617; and acknowledgement of Air District staff who have helped get these communities to this point.

Board Action

Director Zane made a motion, seconded by Director Gioia, to **approve** the Richmond-San Pablo area for a community emission reduction plan under Year 3 of the State’s Community Air Protection Program; and the motion **carried** by the following vote of the Board:

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

**9. Report of the Mobile Source Committee Meeting of September 24, 2020**

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

*The Mobile Source Committee met on Thursday, September 24, 2020, and approved the minutes of June 18, 2020. 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.*

*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 to enter into all necessary agreements with applicants for the recommended projects.*

*The Committee then reviewed and discussed the staff presentation Amendments to Transportation Fund for Clean Air’s Regional Fund and County Program Manager Fund Policies for Fiscal Years Ending 2018, 2019, 2020, and 2021. The Committee recommends the Board:*

- 1) Approve amendments to the Transportation Fund for Clean Air Regional Fund and County Program Manager Policies for Fiscal Years Ending 2018, 2019, 2020, and 2021, to allow up to 24 months for projects to commence and to remove restrictions regarding match funding requirements for the Existing Shuttle/Feeder Bus Service project category.*

*The next meeting of the Mobile Source Committee will be held on Monday, October 19, 2020, at 9:30 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 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 Cutter, 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, Haggerty, Jue, Kniss, Miley, Mitchoff, Ross, Sinks, Spering, Wagenknecht, Walton, Wilson, Zane.
- NOES: None.
- ABSTAIN: None.
- ABSENT: Groom, Hudson, Hurt, Rice.

**10. Report of the Climate Protection Committee Meeting of September 30, 2020**

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

*The Climate Protection Committee met on Wednesday, September 30, 2020, and approved the minutes of June 28, 2020. 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.*

*The Committee received and discussed the staff presentation Clean Building Compass, which featured a video demonstrating how to utilize this centralized clearinghouse of policy tools on building decarbonization for local governments.*

*The Committee then received and discussed the staff presentation Outreach on Climate and Food.*

*The next meeting of the Climate Protection Committee will be held on Thursday, November 19, 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 report of the Climate Protection Committee.*

Public Comments

No requests received.

Board Comments

The Board and staff discussed the wealth of information within the Clean Building Compass platform.

Board Action

None; receive and file.

11. **Report of the Legislative Committee Meeting of September 30, 2020**

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

*The Committee met on Wednesday, September 30, 2020, and approved the minutes of June 25, 2020. 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.*

*The Committee reviewed and discussed the staff presentation Recap of 2020 Legislative Year, capturing two Air District-sponsored bills that were not passed by the State, and the status of Assembly Bill 617 funding.*

*The Committee then reviewed and discussed the staff presentation Federal Legislative Update, which included four federal bills that the Air District is monitoring regarding alternative fueling infrastructure, wildfire smoke, funding for special districts, and clean energy microgrids.*

*The Committee then reviewed and discussed the staff presentation Consideration of Proposition 16, a constitutional amendment to repeal Proposition 209 (1996), which prohibits the state from discriminating against, or granting preferential treatment to, any individual or group on the basis of race, sex, color, ethnicity, or national origin in the operation of public employment, public education, or public contracting. Proposition 16 is the result of the passage of Assembly Constitutional Amendment 5. The Committee recommends the Board:*

- 1) Adopt a **SUPPORT** position on Proposition 16 (2020) to repeal Section 31 of Article I of the California Constitution.

*The Committee then reviewed and discussed the staff presentation Potential 2021 Legislative Activities, regarding topics such as indirect source authority, meeting compensation for Air District Board members, intellectual property authority, amending Assembly Bill 617 or the Community Air Protection program, composition of the Air District Board, and the reauthorization of existing air pollution funding sources whose fund are to expire in 2023.*

*Finally, the Committee reviewed and discussed the staff presentation Overview of Governor's Executive Order N-79-20, focusing on vehicular emission reduction targets to address climate change.*

*The next meeting of this Committee will be Thursday, November 12, 2020 at 9:30 a.m. I move that the Board approve the Committee's recommendation. This concludes the Chair's Report of the Legislative Committee.*

Public Comments

No requests received.

Board Comments

None.

Board Action

Director Abe-Koga made a motion, seconded by Director Bauters, to **adopt a SUPPORT** position on Proposition 16 (2020) to repeal Section 31 of Article I of the California Constitution; and the motion **carried** by the following vote of the Board:

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

12. **Report of the Budget and Finance Committee Meeting of September 30, 2020**

Budget and Finance Committee Vice Chair, John Bauters, read the following committee report:

*The Budget and Finance Committee met on Wednesday, September 30, 2020, and approved the minutes of May 20, 2020. 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.*

*The Committee reviewed and discussed the staff presentation Update on Economic Impact of COVID-19.*

*The Committee then reviewed and discussed the staff presentation Review Fiscal Year Ending 2021 Budget.*

*The next meeting of the Budget and Finance Committee will be held on Monday, November 23, 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 Budget and Finance Committee.*

Public Comments

No requests received.

Board Comments

None.

Board Action

None; receive and file.

**13. Report of the Stationary Source Committee Meeting of October 1, 2020**

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

*The Stationary Source Committee met on Thursday, October 1, 2020, and approved the minutes of July 29, 2020. 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.*

*The Committee reviewed and discussed the staff presentations Update on the Development of Amendments to Rule 6-5 and Fine Particulate Matter 2.5 Impacts from Two Bay Area Petroleum Refineries.*

*The next meeting of the Stationary Source Committee will be held at the Call of the Chair. This concludes the Chair report of the Stationary Source Committee.*

Public Comments

No requests received.

Board Comments

None.

Board Action

None; receive and file.

**14. Report of the Personnel Committee Meeting of October 5, 2020**

Personnel Committee Chair, Jim Sperring, read the following committee report:

*The Personnel Committee met on Monday, October 5, 2020, and approved the minutes of May 27, 2020. 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.*

*The Committee reviewed and discussed twelve candidates to fill five vacancies on the Air District's Hearing Board: Two Principal members in the Public category, two Alternate members in the Public category, and one Alternate member in the Medical category. The Committee and staff discussed the recruitment process and then interviewed each candidate, via the Zoom application. The Committee recommends the Board approve:*

- 1) The appointment of Danny Cullenward as Public category Principal;*
- 2) The appointment of Barbara Toole O'Neil as Public category Principal;*
- 3) The appointment of Amelia Timber as Public category Alternate;*
- 4) The appointment of Qian Tan as Public category Alternate; and*
- 5) The appointment of David Conrad as Medical Alternate.*

*The next meeting of the Committee is at the Call of the Chair. I move that the Board approve the Personnel Committee recommendations. This concludes the Chair Report of the Personnel Committee.*

Public Comments

No requests received.

Board Comments

The Board and staff discussed the diversity of the candidates; and the appreciation for a well-run, efficient meeting.

Board Action

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

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

**PRESENTATIONS**

**15. Cut the Commute Pledge**

Vice Chair Chavez, who first championed this initiative in Santa Clara County, thanked the Air District and Board members who support the concept and signed the pledge. Lisa Fasano, External Affairs Officer, gave the staff presentation *Cut the Commute Program*, including: Cut the Commute program; Bay Area Commuter Benefits program; employers' views on remote work; Commuter Benefit program compliance; equity in commuter benefits; and next steps

Public Comments

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

Board Comments

The Board and staff discussed the possibility of renaming the program to focus on the objective of reducing single-occupancy vehicle trips; the need to flesh out reduced costs to employers and individuals as a result of implementation of this program; compliance rate by employer size; when data from employers should be collected, as the COVID-19 pandemic has not yet ended; the need to incentivize methods of active transportation (walking or biking) and not only transit; the need for Bay Area counties to sign the pledge; the concern regarding equity for those who cannot telecommute to

work; and the opportunity to demonstrate to those that are resistant to change that change can be beneficial.

Board Action

None; receive and file.

16. **Overview of Governor's Executive Order N-79-20**

The Board of Directors was to receive an overview of Governor Newsom's September 23, 2020, Executive Order N-79-20 related to climate change. **In the interest of time, this item will be continued until October 21, 2020.**

**CLOSED SESSION** (12:22 p.m.)

17. **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:*

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

**REPORTABLE ACTION:** Chair Sinks had nothing to report.

**OPEN SESSION** (12:35 p.m.)

**PUBLIC COMMENT ON NON-AGENDA MATTERS**

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

Public comments were made by Tony Fisher, Coalition for Clean Air.

**BOARD MEMBERS' COMMENTS**

19. **Board Members' Comments**

Director Bauters promoted National Coming Out Day, an annual LGBT awareness day observed on October 11, 2020. He shared his personal story and encouraged jurisdictions to make their spaces more accommodating for those who need to come out.

**OTHER BUSINESS**

**20. Report of the Executive Officer/Air Pollution Control Officer**

Jack P. Broadbent, Executive Officer/Air Pollution Control Officer, announced the following:

- Four (4) million acres burned in California thus far in 2020, and wildfire season is not over yet; the Air District called 46 Spare the Air alerts during the summer season thus far.
- On October 21, 2020, the Executive Committee will receive a staff presentation on the Air District's Wildfire Response Program.
- Air quality forecast videos, presented by the Air District's Meteorologists, have gained popularity during the summer into fall, and have even been incorporated into local news stations' broadcasts.
- This warming and fire trend is the new normal and will most likely intensify over time.

**21. Chairperson's Report**

Chair Sinks announced the following:

- The Air District is hosting Climate Tech Marketplace 2020 on October 22, 2020, from 10:00 a.m. to 1:00 p.m. This free online event will showcase emerging technologies that reduce greenhouse gases, bringing together technology developers, local governments, investors, and potential technology customers. The event will also feature panel discussions on climate resilience, equity, and government innovation, as well as a live technology exhibitor showcase. Registration can be found on the Air District's website.
- Nominations for 2021 Board officers are being accepted by Chair Sinks until close of business on November 6, 2020. Board members who are interested in serving as committee chairs should submit their interest to Vanessa Johnson, Manager of Executive Operations, by December 4, 2020.
- Air District staff will poll for an Executive Committee meeting on October 21, 2020.
- Nominating and Board meetings that were scheduled for November 4, 2020 will be cancelled and moved to another date (to be determined.)

**22. Time and Place of Next Meeting**

Wednesday, October 21, 2020, at 9:30 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

**23. Adjournment**

The meeting adjourned at 12:48 p.m. in honor of National Coming Out Day.

Marcy Hiratzka  
Clerk of the Boards

## AGENDA 3B - ATTACHMENT

Draft Minutes - Board of Directors Special Meeting of October 21, 2020

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

Board of Directors Special Meeting  
Wednesday, October 21, 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](http://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 11:09 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, Jim Spering, Brad Wagenknecht, Shamann Walton, Lori Wilson, and Shirlee Zane.

Absent: None.

### **CONSENT CALENDAR**

2. **Authorization to Amend Contract for Odor Attribution Study in the South Bay**

#### **Public Comments**

No requests received.

#### **Board Comments**

None.

NOTED PRESENT: Director Zane was noted present at 11:15 a.m.



Board Action

Director Wagenknecht made a motion, seconded by Director Kniss, to **authorize** the Executive Officer/Air Pollution Control Officer (APCO) to amend a contract with Jacobs Engineering Group, to increase the contract amount by \$6,000 to account for increased costs due to delays from wildfires, for an amended contract amount of \$506,000.; and the motion **carried** by the following vote of the Board:

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

PRESENTATION

**3. Overview of Governor’s Executive Order N-79-20**

Damian Breen, Deputy APCO of Technology, gave the staff presentation *Overview of Governor’s Executive Order*, including: overview; highlights; other commitments worldwide; intersection with Air District programs; climate strategy – Bay Area greenhouse gas emissions; equity and Assembly Bill (AB) 617; grants and incentives; Technology Implementation Office; Permitting and Enforcement; strategic partnerships; market and technology status – regulations, battery costs, light-duty vehicles, trucks and buses, and off-road vehicles and equipment; results from 2011-2019; and challenges and opportunities.

Public Comments

Public comments were given by Jed Holtzman, 350 Bay Area; Tony Fisher, Clean Air Coalition; Bill Whitney, Contra Costa Building and Construction Trades Council; Che Timmons, Plumbers and Steamfitters Local Union 342; Greg Feere; Kevin Wright, International Union of Elevator Constructors Local Union 8; Mike Miller, United Steelworkers Local Union 326; Ted Wickers, United Steelworkers Local Union 326; Tom Hansen, International Brotherhood of Electrical Workers Local Union 302; Treston Shull, Laborers’ Local Union 324; Tyson Bagley, United Steelworkers Local Union 326; James Poetzscher; and Constance Beutel, Air Watch: Bay Area.

NOTED PRESENT: Director Cutter was noted present at 11:40 a.m.; Director Miley was noted present at 11:45 a.m.; Director Walton was noted present at 11:50 a.m.; and Director Ross was noted present at 11:55 a.m.

Board Comments

The Board and staff discussed the types of sales (new or used) and vehicles that are specified in the Order; why electric vehicle (EV) sales increased in the Bay Area recently; how the Air District identifies which emerging technologies to pursue, and the businesses that will be featured in the Air District’s upcoming Climate Tech Marketplace 2020 event; the suggestion of asking jurisdictions what their needs are regarding improvements to mobility; how soon electric vehicles and heavy-duty trucks will have 600 + mile range capability; how soon charging stations that charge up to 200 miles in 10 minutes will be available in California; how the renewable diesel fuel that will be manufactured by Phillips 66

will affect the Air District's Diesel Free by '33 initiative, how that initiative compares with the State's objectives within the Order, and whether the Air District's goals will be met by 2033; whether all makes and models of passenger vehicles will have to convert to electric; the concern that EVs are not prevalent in Community Air Risk Evaluation program areas of the Bay Area; the public's concern about EV range anxiety; how quickly California's authority to set more stringent vehicle emission rules could be restored if the Trump Administration is no longer in power; whether Governor Newsom has indicated how the elements of the Order will be funded, and whether the Air District's authority would be increased to achieve the Order's objectives; whether interim goals or targets were stated in the Order, prior to 2035 and 2045; battery storage decommissioning; the request for more information on hydrogen storage; difficulties presented by the fact that some jurisdictions do not make much progress quickly, nor plan more than ten years out; projections of energy demand by 2035 and how much will be produced in California: whether vehicle manufacturers will allow EV owners to supply their homes with energy from their EV battery (car to home interface) during power shutoffs; the desire for the Air District to be focused on the right things and not be blindsided by false promises from the State; the suggestion of forming a regional working group that focuses on energy, and which regional agency should oversee it; the suggestion for a carbon tax; and whether people care more about how much something costs or having to change their behavior.

#### Board Action

None; receive and file.

#### **PUBLIC COMMENT ON NON-AGENDA MATTERS**

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

No requests received.

#### **BOARD MEMBERS' COMMENTS**

##### **5. Board Members' Comments**

Director Sperring expressed concern over the Air District's current practice of accepting written public comments and having staff read them aloud.

#### **OTHER BUSINESS**

##### **6. Report of the Executive Officer/APCO**

Jack P. Broadbent, Executive Officer/APCO, had nothing to report.

##### **7. Chairperson's Report**

Chair Sinks announced the following:

- Director Cutter was reappointed to the Board by the Alameda County Mayors' Conference for another 2-year appointment, expiring in November 2022.

- The Air District is hosting Climate Tech Marketplace 2020 on October 22, 2020, from 10:00 a.m. to 1:00 p.m. This free online event will showcase emerging technologies that reduce greenhouse gases, bringing together technology developers, local governments, investors, and potential technology customers. The event will also feature panel discussions on climate resilience, equity, and government innovation, as well as a live technology exhibitor showcase. Registration can be found on the Air District's website.
- Nominations for 2021 Board officers are being accepted by Chair Sinks until close of business on November 6, 2020.

**8. Time and Place of Next Meeting**

Wednesday, November 18, 2020, at 10:00 a.m., via webcast, pursuant to procedures authorized by Executive Order N-29-20 issued by Governor Gavin Newsom.

**9. Adjournment**

The meeting adjourned at 1:05 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: November 12, 2020

Re: Board Communications Received from October 7, 2020 through November 17, 2020

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Copies of communications directed to the Board of Directors received by the Air District from October 7, 2020 through November 17, 2020, if any, will be distributed to the Board Members by way of email.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Aloha de Guzman

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: November 12, 2020

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

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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 September 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 September 2020.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Stephanie Osaze  
Reviewed by: Jeff McKay

TO: Members of the Board of Directors

FROM: Supervisor John Gioia  
Board Member

DATE: October 5, 2020

SUBJECT: **QUARTERLY REPORT OF MY ACTIVITIES AS AN AIR RESOURCES BOARD MEMBER**

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The list below summarizes my activities as a California Air Resources Board member from April 1, 2020, through June 30, 2020:

**April Activities**

6<sup>th</sup> Meeting with Building Decarbonization Coalition re: Scoping Plan  
21<sup>st</sup> April Staff Briefing  
23<sup>rd</sup> April Board Meeting

**May Activities**

7<sup>th</sup> Meeting with WSPA re: At Berth  
18<sup>th</sup> May Staff Briefing  
28<sup>th</sup> May Board Meeting  
28<sup>th</sup> Sub-Quorum meeting re: At Berth

**June Activities**

1<sup>st</sup> Meeting with CARB Staff re: HD Trucks  
4<sup>th</sup> Meeting with Amer. Lung Assoc. re: At Berth  
11<sup>th</sup> Meeting with Tesla re: HD Low Nox  
15<sup>th</sup> Meeting with CVAQ re: SJV ERC  
22<sup>nd</sup> Meeting with GM re: HD Low Nox  
25<sup>th</sup> June Board Meeting (day 1)  
26<sup>th</sup> June Board Meeting (day 2)


Attachments: Public Agendas

# April 23, 2020, Board Meeting Agenda - Remote Meeting

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In accordance with Governor Newsom's Executive Orders N-29-20 and N-33-20 as well as recommendations from the California Department of Public Health, the April 23, 2020, Board Meeting will not have a physical location. This will be a remote-only meeting.

The Board Meeting will be conducted remotely via a web-based videoconferencing service called Zoom. Members of the public **who wish to comment verbally** can register for the webinar to comment.

**Register for the Webinar** - for those that plan to comment at a hearing 

Alternatively, on the morning of the Board Meeting, members of the public can offer verbal comments by telephone. Members of the public do not have to register beforehand if they call in using the number below.

Phone Number: (669) 900-6833

Webinar ID: 437 930 965

To watch the webinar only and not provide verbal comments, please view the webcast. The webcast is the same video stream offered by CARB during normal Board Meetings. If you do not wish to provide verbal comments, we strongly recommend watching the webcast as this will free up space on the webinar for those who are providing verbal comments.

**Webcast** - for those that only plan to observe the hearing

How to Participate in the Remote Board Meeting (Revised 4/20/2020)

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Thursday, April 23, 2020 @ 9:00 a.m.

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## Discussion Items

The following agenda items may be heard in a different order at the Board meeting.

### 20-4-1: Public Meeting to Consider Health Evaluation of Air Quality and Climate Regulations and Programs

The California Air Resources Board (CARB or Board) will hear a summary of current methodologies used to evaluate health impacts of air quality and climate regulations and programs as well as concepts for expanded consideration of health impacts.

[More Information](#)

[Staff Presentation](#)

[Board Materials](#)

[Written Submissions](#)



### 20-4-4: Public Hearing to Consider the Proposed Amendments to the Regulation on the Commercialization of Alternative Diesel Fuels

The Board will consider proposed amendments to the Regulation on the Commercialization of Alternative Diesel Fuels (ADF). Staff is proposing to amend the ADF Regulation to reinforce the emissions certification testing requirements and require biodiesel additives and ADF formulations to be certified according to new certification procedures. The proposed amendments reinforce the originally intended efficacy of additives or alternative diesel formulations certified to mitigate potential oxides of nitrogen (NO<sub>x</sub>) emissions increases from the use of biodiesel. The Board will also consider adopting an addendum to a previously certified Environmental Analysis in compliance with the California Environmental Quality Act.

[More Information](#)

[Staff Presentation](#)

[Board Materials](#)

[Written Submissions](#)



## 20-4-2: Public Meeting to Provide Update on the Implementation of the 2017 Scoping Plan

The Board will hear an update on the implementation of the 2017 Scoping Plan Update and ongoing efforts to continue progress toward achieving the 2030 greenhouse gas reduction target.

[More Information](#)

[Staff Presentation](#)

[Board Materials](#)

[Written Submissions](#)

## 20-4-3: Public Meeting to Hear an Informational Update on the 2020 Mobile Source Strategy

The Board will hear an informational update on the development of the 2020 Mobile Source Strategy.

[More Information](#)

[Staff Presentation](#)

[Board Materials](#)

[Written Submissions](#)



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## Closed Session

The Board may hold a closed session, as authorized by Government Code section 11126(e), to confer with, and receive advice from, its legal counsel regarding the following pending or potential litigation:

*Alliance for California Business v. California State Transportation Agency, et al.*,  
Sacramento County Superior Court, Case No. 34-2016-80002491.

*American Coatings Association, Inc. v. State of California and California Air Resources Board*, Sacramento County Superior Court, Case No. 04CS01707.

*American Lung Association, et al. v. United States Environmental Protection Agency, et al.*,  
United States Court of Appeals, District of Columbia Circuit, Case No. 19-1140.

*California v. Stout, et al.*, United States District Court, Central District of California, Case No. 2:20-cv-00371.

*California v. Wheeler, et al.*, United States Court of Appeals, District of Columbia Circuit, Case No. 19-1239.

*California Air Resources Board v. Key Disposal, Inc. and John Katangian*, Los Angeles Superior Court, Case No. BC650014.

*California Air Resources Board v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 18-1085.

*California Air Resources Board v. United States Environmental Protection Agency and National Highway Traffic and Safety Administration*, United States District Court, District of Columbia Case No. 1:19-cv-00965-CKK.

*Dalton Trucking, Inc. v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 13-1283 (dismissed), U.S. Court of Appeals, Ninth Circuit, Case No. 13-74019.

*Friends of Oceano Dunes, Inc. v. California Coastal Commission, et al.*, San Luis Obispo County Superior Court, Case No. 17CV-0576; U.S. District Court for the Central District of California, Case No. 2:17-cv-8733.

*In re Pacific Gas and Electric Company*, U.S. Bankruptcy Court, Northern District of California, Case No. 19-30089.



*John Mahan v. California Air Resources Board*, Sacramento County Superior Court, Case No. 34-2016-80002416.

*John R. Lawson Rock & Oil, Inc. et al. v. California Air Resources Board et al.*, Fresno County Superior Court, Case No. 14-CECG01494; ARB's appeal, Court of Appeal, Fifth District, Case No. F074003.

*Sowinski v. California Air Resources Board, et al.*, United States District Court, Northern District of California, No. 3:18-cv-03979-LHK.

*State of California v. United States Environmental Protection Agency*, United States Court of Appeals, District of Columbia Circuit, Case No. 18-1096.

*State of California, et al. v. David Bernhardt, et al.*, United States District Court, Northern District of California, Case No. 3:18-cv-5712-DMR.

*State of California, et al. v. United States Environmental Protection Agency*, United States Court of Appeals, District Court of Columbia Circuit, Case No. 19-1227.

*State of California, et al., v. United States Environmental Protection Agency*, United States District Court, Northern District of California, Case No. 4:18-cv-03237.

*State of New York, et al. v. Andrew Wheeler and the United States Environmental Protection Agency*, U.S. District Court, District of Columbia, Case No. 1:18-cv-00773.

*State of North Dakota v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1381

*State of North Dakota, et al. v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1242.

*State of Wyoming, et al. v. United States Department of the Interior, et al.*, U.S. District Court, District of Wyoming, Case No. 16-CV-285-SWS.

*Truck Trailer Manufacturers Association, Inc. v. United States Environmental Protection Agency, et al.*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1430.

*Valero Refining Co. California v. Hearing Board of the Bay Area Air Quality Management District et al.*, Court of Appeal, First Appellate District, Case No. A151004.

*People v. Southern California Gas Company*, Los Angeles Superior Court, Case No. BC 602973.



*The Two Hundred, et al. v. California Air Resources Board, et al.*, Fresno County Superior Court, Case No. 18CECG01494.

*United States v. California*, United States District Court, Eastern District of California, Case No. 2:19-cv-02142-WBS-EFB.

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## Opportunity for Members of the Board to Comment on Matters of Interest

Board members may identify matters they would like to have noticed for consideration at future meetings and comment on topics of interest; no formal action on these topics will be taken without further notice.

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## Open Session to Provide an Opportunity for Members of the Public to Address the Board on Subject Matters within the Jurisdiction of

# the Board

Although no formal Board action may be taken, the Board is allowing an opportunity to interested members of the public to address the Board on items of interest that are within the Board's jurisdiction, but that do not specifically appear on the agenda. Each person will be allowed a maximum of three minutes to ensure that everyone has a chance to speak. The public will also have an opportunity to submit written comments for open session the morning of the Board Meeting.

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## Other Information

[Submit Comments Electronically Day of Board Meeting](#)

[View Submitted Comments](#)



If you have any questions, contact the Clerks' Office at (916) 322-5594.  
1001 I Street, 23<sup>rd</sup> Floor, Sacramento, California 95814

If you experience technical difficulties on the day of the Board Meeting, please call our helpline at (805) 801-3676.

## Special Accommodation Request

Consistent with California Government Code Section 7296.2, special accommodation or language needs may be provided for any of the following:

- An interpreter to be available at the hearing;
- Documents made available in an alternate format or another language;
- A disability-related reasonable accommodation.

To request these special accommodations or language needs, please contact the Clerks' Office at (916) 322-5594 as soon as possible, but no later than 7 business days before the scheduled Board hearing. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

## Acomodación Especial

Consecuente con la sección 7296.2 del Código de Gobierno de California, una acomodación especial o necesidades lingüísticas pueden ser suministradas para cualquiera de los siguientes:

- Un intérprete que esté disponible en la audiencia
- Documentos disponibles en un formato alterno u otro idioma
- Una acomodación razonable relacionados con una incapacidad

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor llame a la oficina del Consejo al (916) 322-5594 lo más pronto posible, pero no menos de 7 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.



(800) 242-4450 | [helpline@arb.ca.gov](mailto:helpline@arb.ca.gov)  
1001 I Street, Sacramento, CA 95814  
P.O. Box 2815, Sacramento, CA 95812





## **PUBLIC MEETING AGENDA**

**Thursday,  
May 28, 2020**

In accordance with Governor Newsom's Executive Orders [N-29-20](#) and [N-33-20](#) as well as recommendations from the California Department of Public Health, the May 28, 2020, Board Meeting will not have a physical location to attend in person. This will be a remote-only meeting.

The Board Meeting will be conducted remotely via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

[Register for the Webinar](#) – for those that plan to comment at the hearing.

Alternatively, on the morning of the Board Meeting, members of the public can offer verbal comments by calling in via telephone. Members of the public do not have to register beforehand if they call in using the number below.

Phone Number: (669) 900-6833

Webinar ID: 849 9559 4639

To watch the webinar only and not provide verbal comments, please view the webcast. The webcast is the same video stream offered by CARB during normal Board Meetings. If you do not wish to provide verbal comments, we strongly recommend watching the webcast as this will free up space on the webinar for those who are providing verbal comments.

[Webcast](#) – for those that only plan to observe the hearing.

[How to Participate in the Remote Board Meeting](#)

**Thursday  
May 28, 2020  
9:00 a.m.**

### **CONSENT CALENDAR:**

The following item on the consent calendar will be presented to the Board immediately after the start of the public meeting, unless removed from the consent calendar either upon a Board member's request or if someone in the audience wishes to speak.

#### **Consent Item #**

**20-5-1: Public Meeting to Consider a Technical Revision to the San Joaquin Valley PM2.5 State Implementation Plan**

*The California Air Resources Board (CARB or Board) will consider a technical revision to an emissions reduction commitment contained in the 2012 PM2.5 Plan in response to a request*

from the United States Environmental Protection Agency (U.S. EPA). The revision is a translation of a reduction commitment from the inventory used in the 2012 PM2.5 Plan to the most current inventory. If approved, CARB will submit this revision to U.S. EPA as a revision to the California State Implementation Plan.

[More Information](#)   [Proposed Resolution](#)   [Board Item Materials](#)   [Written Comments](#)

### **DISCUSSION ITEMS:**

**Note:** The following agenda items may be heard in a different order at the Board meeting.

#### **Agenda Item #**

**20-5-2:    Public Meeting to Consider Proposed Updates to the 2019 Architectural Coatings Suggested Control Measure**

*The Board will consider updating the 2019 Architectural Coatings Suggested Control Measure to add a new coating category for Photovoltaic Coatings and establish a limit on the volatile organic content of the coatings. The Board will also consider adopting an addendum to a previously certified Program Environmental Impact Report in compliance with the California Environmental Quality Act.*

[More Information](#)    [Staff Presentation](#)    [Board Item Materials](#)    [Written Comments](#)

**20-5-3:    Public Meeting to Hear an Informational Update on the Advanced Clean Cars II Regulation**

*The Board will hear an informational update on the development of new regulations for light- and medium-duty vehicles, including changes to criteria and greenhouse gas emission standards and new in-use requirements for zero-emission vehicles.*

[More Information](#)    [Staff Presentation](#)    [Board Item Materials](#)    [Written Comments](#)

### **CLOSED SESSION**

The Board may hold a closed session, as authorized by Government Code section 11126(e), to confer with, and receive advice from, its legal counsel regarding the following pending or potential litigation:

*Alliance for California Business v. California State Transportation Agency, et al., Sacramento County Superior Court, Case No. 34-2016-80002491.*

*American Coatings Association, Inc. v. State of California and California Air Resources Board, Sacramento County Superior Court, Case No. 04CS01707.*

*American Lung Association, et al. v. United States Environmental Protection Agency, et al., United States Court of Appeals, District of Columbia Circuit, Case No. 19-1140.*

*California v. Stout, et al., United States District Court, Central District of California, Case No. 2:20-cv-00371.*

*California v. Wheeler, et al.*, United States Court of Appeals, District of Columbia Circuit, Case No. 19-1239.

*California Air Resources Board v. Key Disposal, Inc. and John Katangian*, Los Angeles Superior Court, Case No. BC650014.

*California Air Resources Board v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 18-1085.

*California Air Resources Board v. United States Environmental Protection Agency and National Highway Traffic and Safety Administration*, United States District Court, District of Columbia Case No. 1:19-cv-00965-CKK.

*Dalton Trucking, Inc. v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 13-1283 (dismissed), U.S. Court of Appeals, Ninth Circuit, Case No. 13-74019.

*Friends of Oceano Dunes, Inc. v. California Coastal Commission, et al.*, San Luis Obispo County Superior Court, Case No. 17CV-0576; U.S. District Court for the Central District of California, Case No. 2:17-cv-8733.

*In re Pacific Gas and Electric Company*, U.S. Bankruptcy Court, Northern District of California, Case No. 19-30089.

*John Mahan v. California Air Resources Board*, Sacramento County Superior Court, Case No. 34-2016-80002416.

*John R. Lawson Rock & Oil, Inc. et al. v. California Air Resources Board et al.*, Fresno County Superior Court, Case No. 14-CECG01494; ARB's appeal, Court of Appeal, Fifth District, Case No. F074003.

*Sowinski v. California Air Resources Board, et al.*, United States District Court, Northern District of California, No. 3:18-cv-03979-LHK.

*State of California v. United States Environmental Protection Agency*, United States Court of Appeals, District of Columbia Circuit, Case No. 18-1096.

*State of California, et al. v. David Bernhardt, et al.*, United States District Court, Northern District of California, Case No. 3:18-cv-5712-DMR.

*State of California, et al. v. United States Environmental Protection Agency*, United States Court of Appeals, District Court of Columbia Circuit, Case No. 19-1227.

*State of California, et al., v. United States Environmental Protection Agency*, United States District Court, Northern District of California, Case No. 4:18-cv-03237.

*State of New York, et al. v. Andrew Wheeler and the United States Environmental Protection Agency*, U.S. District Court, District of Columbia, Case No. 1:18-cv-00773.

*State of North Dakota v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1381.

*State of North Dakota, et al. v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1242.



*State of Wyoming, et al. v. United States Department of the Interior, et al.*, U.S. District Court, District of Wyoming, Case No. 16-CV-285-SWS.  
*Truck Trailer Manufacturers Association, Inc. v. United States Environmental Protection Agency, et al.*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1430.

*Valero Refining Co. California v. Hearing Board of the Bay Area Air Quality Management District et al.*, Court of Appeal, First Appellate District, Case No. A151004.

*People v. Southern California Gas Company*, Los Angeles Superior Court, Case No. BC 602973.

*The Two Hundred, et al. v. California Air Resources Board, et al.*, Fresno County Superior Court, Case No. 18CECG01494.

*United States v. California*, United States District Court, Eastern District of California, Case No. 2:19-cv-02142-WBS-EFB.

#### **OPPORTUNITY FOR MEMBERS OF THE BOARD TO COMMENT ON MATTERS OF INTEREST**

*Board members may identify matters they would like to have noticed for consideration at future meetings and comment on topics of interest; no formal action on these topics will be taken without further notice.*

#### **OPEN SESSION TO PROVIDE AN OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE BOARD ON SUBJECT MATTERS WITHIN THE JURISDICTION OF THE BOARD**

*Although no formal Board action may be taken, the Board is allowing an opportunity to interested members of the public to address the Board on items of interest that are within the Board's jurisdiction, but that do not specifically appear on the agenda. Each person will be allowed a maximum of three minutes to ensure that everyone has a chance to speak. The public will also have an opportunity to [submit written comments](#) for open session the morning of the Board Meeting.*

[Submit Comments Electronically on the Day of the Board Meeting](#)

[View Submitted Comments](#)

**PLEASE NOTE:** PowerPoint presentations to be displayed during public comment at the Board meeting must be electronically submitted via email to the Clerks' Office at [cotb@arb.ca.gov](mailto:cotb@arb.ca.gov) no later than noon on the business day prior to the scheduled Board meeting.

#### **IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT THE CLERKS' OFFICE:**

1001 I Street, 23<sup>rd</sup> Floor, Sacramento, California 95814

[cotb@arb.ca.gov](mailto:cotb@arb.ca.gov) or (916) 322-5594

CARB Homepage: [www.arb.ca.gov](http://www.arb.ca.gov)

#### **SPECIAL ACCOMMODATION REQUEST**

Consistent with California Government Code section 7296.2, special accommodation or language needs may be provided for any of the following:

- An interpreter to be available at the hearing;
- Documents made available in an alternate format or another language;
- A disability-related reasonable accommodation.

To request these special accommodations or language needs, please contact the Clerks' Office at [cotb@arb.ca.gov](mailto:cotb@arb.ca.gov) or at (916) 322-5594 as soon as possible, but no later than 7 business days before the

scheduled Board hearing. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Consecuente con la sección 7296.2 del Código de Gobierno de California, una acomodación especial o necesidades lingüísticas pueden ser suministradas para cualquiera de los siguientes:

- Un intérprete que esté disponible en la audiencia
- Documentos disponibles en un formato alternativo u otro idioma
- Una acomodación razonable relacionados con una incapacidad

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor llame a la oficina del Consejo al (916) 322-5594 lo más pronto posible, pero no menos de 7 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.



**ADVANCE COPY**

## **PUBLIC MEETING AGENDA**

**Thursday, June 25, 2020  
and  
Friday, June 26, 2020**

In accordance with Governor Newsom's Executive Orders [N-29-20](#) and [N-33-20](#) as well as recommendations from the California Department of Public Health, the June 25-26, 2020, Board Meeting will not have a physical location to attend in person. This will be a remote-only meeting.

The Board Meeting will be conducted remotely via a web-based videoconferencing service called Zoom. Members of the public who wish to comment verbally can register for the webinar.

[Register for the Webinar](#) – for those that plan to comment at the hearing.

Alternatively, on each morning of the Board Meeting, members of the public can offer verbal comments by calling in via telephone. Members of the public do not have to register beforehand if they call in using the number below.

Phone Number: (669) 900-6833  
Webinar ID: 839 8449 4252

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[Webcast](#) – for those that only plan to observe the hearing.

[How to Participate in the Remote Board Meeting](#)  
[How to Participate in the Remote Board Meeting \(Spanish\)](#)

**Thursday  
June 25, 2020  
9:00 a.m.**

### **CONSENT CALENDAR:**

The following items on the consent calendar will be presented to the Board immediately after the start of the public meeting, unless removed from the consent calendar either upon a Board member's request or if someone in the audience wishes to speak.

**Note:** The following agenda items may be heard in a different order at the Board meeting.

**Consent Item #**

**20-6-1: Public Meeting to Consider Proposed 70 Parts Per Billion Ozone State Implementation Plan Submittal**

*The California Air Resources Board (CARB or Board) will consider adopting the proposed baseline emissions inventories and vehicle miles traveled offsets for the 2015 70 parts per billion ozone National Ambient Air Quality Standard for 18 nonattainment areas in California. If adopted, the inventories and offsets will be submitted to the United States Environmental Protection Agency for adoption as a revision to the California State Implementation Plan.*

[More Information](#)   [Proposed Resolution](#)   [Board Item Materials](#)   [Written Comments](#)

**20-6-2: Public Meeting to Consider Indian Wells Valley Second 10-Year PM10 Maintenance Plan**

*The Board will consider adopting the proposed Indian Wells Valley Second 10-Year PM10 Maintenance Plan developed by the Eastern Kern Air Pollution Control District. If adopted, the Plan will be submitted to United States Environmental Protection Agency for adoption as a revision to the California State Implementation Plan.*

[More Information](#)   [Proposed Resolution](#)   [Board Item Materials](#)   [Written Comments](#)

**DISCUSSION ITEMS:**

**Note:** The following agenda items may be heard in a different order at the Board meeting.

Spanish translation will be provided at the June 25 and 26 Board Meeting.

**Agenda Item #****20-6-3: Public Hearing to Consider the Proposed Advanced Clean Trucks Regulation**

*The Board will consider proposed requirements for truck manufacturers to sell zero-emission trucks in California and a one time requirement for large entities to report about their facilities, types of truck services used, and fleet of vehicles. This is the second of two Board hearings on this item; the Board will consider certifying the Final Environmental Analysis, approving the written response to comments received on the Draft Environmental Analysis, and adopting the regulatory amendments at this meeting.*

[More Information](#)   [Staff Presentation](#)   [Board Item Materials](#)   [Written Comments](#)

**20-6-4: Public Meeting to Hear an Informational Update on Control Measure for Ocean-Going Vessels At Berth**

*The Board will hear an update on the status of the Proposed Control Measure for Ocean-Going Vessels At Berth. The Proposed Regulation is designed to achieve further emissions from vessels at berth to reduce adverse health impacts to communities surrounding ports and terminals throughout California. These benefits would be achieved by tightening requirements for existing vessel categories, and including new vessel categories (such as vehicle carriers and tanker vessels), new ports, and independent marine terminals.*

[More Information](#)   [Staff Presentation](#)   [Board Item Materials](#)   [Written Comments](#)

**20-6-5: Public Meeting to Hear the 2019 Annual Enforcement Report**

*The Board will hear a summary of the Enforcement Division's 2019 Annual Report. The presentation will highlight updates and achievements within various enforcement programs*

*pertaining to diesel technology, ocean-going vessels, and product certification requirements. The presentation will touch on our ongoing commitment to transparency and program development. Staff will assess compliance in key programs and describe our enforcement focus in environmental justice communities, notable supplemental environmental projects, and expansion of stationary source enforcement.*

[More Information](#)   [Staff Presentation](#)   [Board Item Materials](#)   [Written Comments](#)

**Friday**  
**June 26, 2020**  
**8:30 a.m.**

**20-6-6: Public Meeting to Consider the California Air Resources Board Review of the San Joaquin Valley Air Pollution Control District Emission Reduction Credit Program**

*The Board will hear a summary of the CARB staff review of the San Joaquin Valley Air Pollution Control District emission reduction credit program. In January of 2019, the Board directed staff to conduct a review of the San Joaquin Valley Air Pollution Control District emission reduction credit program. Staff will be presenting findings from a review of individual banking actions, banking rule provisions, and the federal offset equivalency demonstration.*

[More Information](#)   [Staff Presentation](#)   [Board Item Materials](#)   [Written Comments](#)

**CLOSED SESSION**

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*State of North Dakota v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1381.

*State of North Dakota, et al. v. United States Environmental Protection Agency*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1242.

*State of Wyoming, et al. v. United States Department of the Interior, et al.*, U.S. District Court, District of Wyoming, Case No. 16-CV-285-SWS.

*Truck Trailer Manufacturers Association, Inc. v. United States Environmental Protection Agency, et al.*, U.S. Court of Appeals, District of Columbia Circuit, Case No. 16-1430.

*Valero Refining Co. California v. Hearing Board of the Bay Area Air Quality Management District et al.*, Court of Appeal, First Appellate District, Case No. A151004.

*People v. Southern California Gas Company*, Los Angeles Superior Court, Case No. BC 602973.

*The Two Hundred, et al. v. California Air Resources Board, et al.*, Fresno County Superior Court, Case No. 18CECG01494.

*United States v. California*, United States District Court, Eastern District of California, Case No. 2:19-cv-02142-WBS-EFB.

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[Submit Comments Electronically the Day of the Board Meeting](#)

[View Submitted Comments](#)

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CARB Homepage: [www.arb.ca.gov](http://www.arb.ca.gov)

### **SPECIAL ACCOMMODATION REQUEST**

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- Documents made available in an alternate format or another language;
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- Un intérprete que esté disponible en la audiencia
- Documentos disponibles en un formato alterno u otro idioma
- Una acomodación razonable relacionados con una incapacidad

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor llame a la oficina del Consejo al (916) 322-5594 lo más pronto posible, pero no menos de 7 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.



**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: November 12, 2020

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

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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 7A: Notices of Violations for the Month of September 2020

**NOTICES OF VIOLATIONS ISSUED**

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

<b>Alameda</b>						
<b>Site Name</b>	<b>Site #</b>	<b>City</b>	<b>NOV #</b>	<b>Issuance Date</b>	<b>Regulation</b>	<b>Comment</b>
Advanced IPM	E4737	Oakland	A59811A	9/29/2020	2-1-301	Fumigation operation exceeding limits in Regulation 2, Rule 5
Advanced IPM	E4737	Oakland	A59811B	9/29/2020	2-1-302	Fumigation operation exceeding limits in Regulation 2, Rule 5
American Fumigation Corp.	E4733	Oakland	A59812A	9/29/2020	2-1-301	Fumigation operation exceeding limits in Regulation 2, Rule 5
American Fumigation Corp.	E4733	Oakland	A59812B	9/29/2020	2-1-302	Fumigation operation exceeding limits in Regulation 2, Rule 5
American Tech	Z5878	Hayward	A59142A	9/29/2020	11-2-401.3	Inaccurate start date; Failure to revise
Nick Stoughton	Z8020	Oakland	A59172A	9/21/2020	11-2-401.3	ASB116158 / APP629657 Late Notification
Recipient	Z7959	Berkeley	A59279A	9/16/2020	6-3-301	Burning of solid fuel during a Spare the Air Alert-Mandatory Burn Ban
Recipient	Z7943	Union City	A59278A	9/15/2020	6-3-301	Burning of solid fuel during a Spare the Air Alert-Mandatory Burn Ban
Restoration Management Company	Z7864	Hayward	A59141A	9/10/2020	11-2-401.5	J# ASB115743 Inaccurate start date
Way 92 (76 Station)	Z8024	Hayward	A59394A	9/8/2020	8-7-301.2	Missing 91 Grade fill cap

<b>Contra Costa</b>						
<b>Site Name</b>	<b>Site #</b>	<b>City</b>	<b>NOV #</b>	<b>Issuance Date</b>	<b>Regulation</b>	<b>Comment</b>
MSE Environmental	U7269	Martinez	A59485A	9/23/2020	11-2-401.3	Failure to wait 10 days
ST Shore Terminals, LLC	A0581	Crockett	A59241A	9/16/2020	8-33-309.8	Weekly LDAR was not completed

<b>Marin</b>						
<b>Site Name</b>	<b>Site #</b>	<b>City</b>	<b>NOV #</b>	<b>Issuance Date</b>	<b>Regulation</b>	<b>Comment</b>
Jakela, Inc.	K3771	Novato	A55951A	9/15/2020	11-2-401.5	Failure to update start date on J115866, J115863 & J113419

<b>San Mateo</b>						
<b>Site Name</b>	<b>Site #</b>	<b>City</b>	<b>NOV #</b>	<b>Issuance Date</b>	<b>Regulation</b>	<b>Comment</b>
Camino Petroleum	Z8021	South San Francisco	A59324A	9/4/2020	8-7-301.1	Uncertified 91g fill adaptor
Cypress Amloc Land Co, Inc.	A1364	Colma	A59178A	9/23/2020	8-34-301.1	Non-continuously use of A2 (flare) - Title 17 95464 (b)(1)(A)
Skyline Auto Service	Z8023	Daly City	A59326A	9/23/2020	2-1-307	12-month Throughput exceeded limit of 975,000 GPY
Westborough Kwik Service	Z8022	South San Francisco	A59325A	9/8/2020	8-7-301.3	Submerged fill pipe @ 11" from bottom of tank (87g)

<b>Santa Clara</b>						
<b>Site Name</b>	<b>Site #</b>	<b>City</b>	<b>NOV #</b>	<b>Issuance Date</b>	<b>Regulation</b>	<b>Comment</b>
Alliance Environmental, Inc.	Z3847	San Jose	A59140A	9/2/2020	11-2-405	Non-payment operations fees

<b>Santa Clara (Cont'd)</b>						
Alliance Environmental, Inc.	Z3847	San Jose	A59140B	9/2/2020	3-317	Non-payment operations fees
Milpitas Materials Company	Z8036	Milpitas	A58091A	9/30/2020	2-1-301	Operating concrete batch plant, standby diesel generator and portable ICE
Milpitas Material Company	Z8036	Milpitas	A58091B	9/30/2020	2-1-302	Operating concrete batch plant, standby diesel generator and portable ICE

<b>Solano</b>						
<b>Site Name</b>	<b>Site #</b>	<b>City</b>	<b>NOV #</b>	<b>Issuance Date</b>	<b>Regulation</b>	<b>Comment</b>
Cal Inc.	S6066	Vacaville	A59487A	9/30/2020	11-2-405	Failure to pay asbestos fee
Cal Inc.	S6066	Vacaville	A59487B	9/30/2020	11-2-405	Failure to pay Asbestos fee
Hiddenbrook	Z8027	Vallejo	A59611A	9/23/2020	8-7-301.2	AST not painted with SLC Paint

<b>Sonoma</b>						
<b>Site Name</b>	<b>Site #</b>	<b>City</b>	<b>NOV #</b>	<b>Issuance Date</b>	<b>Regulation</b>	<b>Comment</b>
Oakmont Golf Course	Z8028	Santa Rosa	A59903A	9/16/2020	2-1-307	Continuity violation of no source test in 12-month period.
Oakmont Golf Course	Z8028	Santa Rosa	A59904A	9/16/2020	8-7-301.2	Continuing violation of no SLC paint (refer to A58330)

**District Wide**

<b>Site Name</b>	<b>Site #</b>	<b>City</b>	<b>NOV #</b>	<b>Issuance Date</b>	<b>Regulation</b>	<b>Comment</b>
1-888-4- Abatement Inc.	T5264	Rancho Cordova	A59486A	9/23/2020	11-2-303.6	No viewport
Demolition Services and Grading	W6489	Manteca	A59139A	9/1/2020	11-2-401.5	Inaccurate start date
TMW & Associates	Z7949	Stockton	A59138A	9/1/2020	11-2-401.5	Inaccurate Start date; Failure to revise

**SETTLEMENTS FOR \$10,000 OR MORE REACHED**

There were four (4) settlement(s) for \$10,000 or more completed in September 2020.

1) On September 3, 2020, the District reached settlement with Evergreen Property Group, LLC for \$26,000, regarding the allegations contained in the following two (2) Notices of Violations:

<b>NOV #</b>	<b>Issuance Date</b>	<b>Occurrence Date</b>	<b>Regulation</b>	<b>Comments from Enforcement</b>
A58593A	9/25/2019	9/25/2019	11-2-401.3	No Job #; no notification for demolition
A58594A	9/30/2019	9/25/2019	11-2-303.9	No trained on-site representative
A58594B	9/30/2019	9/25/2019	11-2-304.3	No trained on-site rep; improper waste disposal
A58594C	9/30/2019	9/25/2019	11-2-303.8	No survey
A58594D	9/30/2019	9/25/2019	11-2-304.1	Unbagged RACM waste
A58594E	9/30/2019	9/25/2019	11-2-304.6	No waste shipment records

2) On September 10, 2020, the District reached settlement with Dutra Materials/San Rafael Rock Quarry Inc. for \$20,000, regarding the allegations contained in the following one (1) Notice of Violation:

<b>NOV #</b>	<b>Issuance Date</b>	<b>Occurrence Date</b>	<b>Regulation</b>	<b>Comments from Enforcement</b>
A57897A	10/9/2019	10/9/2019	2-1-307	No Abatement PC 16131 #3 & 5

3) On September 14, 2020, the District reached settlement with Kellog Creek Aggregates, Inc. for \$17,000, regarding the allegations contained in the following four (4) Notices of Violations:

<b>NOV #</b>	<b>Issuance Date</b>	<b>Occurrence Date</b>	<b>Regulation</b>	<b>Comments from Enforcement</b>
A56921A	4/19/2018	11/25/2017	2-1-301	Operating power screen (dry plant) without an A/C
A56921B	4/19/2018	11/25/2017	2-1-302	Operating power screen (dry plant) without a P/O
A56922A	4/19/2018	3/1/2004	2-1-301	Operating power screen (wet plant) without an A/C
A56922B	4/19/2018	3/1/2004	2-1-302	Operating power screen (wet plant) without a P/O
A56923A	4/19/2018	10/10/2001	2-1-301	Operating power screen (extec) without an A/C
A56923B	4/19/2018	10/10/2001	2-1-302	Operating power screen (extec) without a P/O
A56924A	4/19/2018	6/1/2016	2-1-307	Violation of P/C#15475: No records for sand throughput

4) On September 22, 2020, the District reached settlement with Kaiser Permanente for \$30,000, regarding the allegations contained in the following one (1) Notice of Violation:

<b>NOV #</b>	<b>Issuance Date</b>	<b>Occurrence Date</b>	<b>Regulation</b>	<b>Comments from Enforcement</b>
A56516A	8/2/2017	8/2/2017	9-7-403	Compliance testing for source emissions not performed
A56516B	8/2/2017		9-7-506	Compliance testing for source emissions not performed

**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: November 12, 2020

Re: Quarterly Report of the Executive Office and Division Activities for the Months of  
July 2020 – September 2020

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

**Human Resources**

The Human Resources (HR) Office conducted 14 recruitments including exams for: Accounting Assistant, Advisory Council, Air Quality Technician, Assistant Manager, Assistant Staff Specialist (2), Director/Officer, Senior Advanced Projects Advisor, Senior Executive Secretary, Staff Specialist, Supervising Air Quality Engineer, Supervising Air Quality Specialist, Supervising Staff Specialist, and Temporary Assistant Staff Specialist. The HR Office offered 48 wellness/fitness classes and eight (8) training sessions, including: Microsoft Teams Basics, Microsoft Teams Intermediate, Microsoft Teams Advanced, Situational Leadership II (3), Active Shooting, and Maximizing Performance Through Evaluation, Documentation, and Corrective Action. In addition, employees take online training courses and utilize the educational reimbursement program. The HR Office continues to administer payroll, benefits, safety/worker's compensation, labor/employee relations, and wellness activities. There are currently 393 regular employees, nine (9) temporary employees, and 12 budgeted vacant positions. There were 19 new employees, 15 promotions, and five (5) separations from July 2020 to September 2020.

**Business Office**

The Business Office issued 621 purchase orders and executed 106 contracts. There were no requests for proposals/qualifications issued during this period.



## **Fleet and Facilities Office**

Fleet disposed of three (3) vehicles, acquired two (2) vehicles, and facilitated the maintenance, repair, and/or auto body work for 43 vehicles. There were 14 vehicle requests (comprised of three (3) Metropolitan Transportation Commission and 11 Air District), of which two (2) were pool vehicles and 12 were Enterprise car rentals, with zero (0) cancellations. There are currently 135 fleet vehicles: two (2) electric, three (3) hydrogen fuel cell, one (1) plug-in hybrid electric, 90 plug-in hybrids, 24 gas, and 15 hybrids. There are no compressed natural gas vehicles in the fleet.

Facilities received 24 Angus requests, facilitated three (3) furniture orders, and completed 97 ad-hoc projects/tasks (including 28 at Headquarters (HQ) East and 10 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 Staff documented 77 air pollution violations that resulted in Notice of Violations (NOV) and responded to 759 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 July 16, 2020, staff sent the California Air Resources Board (CARB) a 12-month enforcement summary of Air District activities and investigations at the Lehigh Southwest Cement plant in Cupertino. CARB requested the report because of a citizen inquiry (complaint) to the State of California Governor's Office and CalEPA. On August 3, 2020, CARB notified the Air District that a "Complaint Briefing Paper" in support of the Air District's efforts in enforcing air pollution regulations at Lehigh had been prepared and sent to CalEPA.
- On August 6, 2020, Air District staff observed and documented a visible emissions violation from the Marathon Refinery (Marathon) East Air Flare. During that time, a fluctuation in their flaring rates occurred as they were de-inventorying units for indefinite idle. The changes in their flare rates required Marathon to vent to both East and West air flares in addition to the Coker flare. Marathon adjusted flare rates and eliminated visible emissions the same day.

- On August 12, 2020, Phillips 66 Refinery announced that they will be phasing their Rodeo refinery from crude oil processing to biofuels production over the course of the next three to four years. Phillips will also be closing the carbon plant and moving to processing waste fats, oils, and greases, as well as soybean oil, with a goal to eventually process about 50,000 barrels/day of renewable diesel, gasoline, and jet fuels.
- On August 14, 2020, Chevron Refinery had a shutdown at their cogeneration unit that caused a steam sag to the fluid catalytic cracker unit (FCCU), resulting in flaring with dark black smoke that day. Air District staff were onsite and documented a visible emissions violation. Twenty-seven complaints were received because of the flaring and smoke. Air District staff has issued a public nuisance violation to Chevron for the event as well as violation for the excess visible emissions associated with flaring.
- In July 2020 and August 2020, Air District staff issued two violation notices to Alco Iron & Metal in San Leandro for operating without an Air District permit and for an illegal fire that occurred on a No Burn Day. The violations follow an ongoing investigation into alleged fires creating fugitive emissions of smoke and dust that impact nearby businesses. Staff reached out to the San Leandro Fire Dept, City Planning, and the Department of Toxics and Substance Control (DTSC) to coordinate joint inspections and are monitoring operations at the facility closely. Staff are reviewing facility records and evaluating sources that require Air District permits, and additional enforcement actions may be warranted after a comprehensive review of Alco's operations in collaboration with other regulatory authorities and jurisdictions.
- On September 7, 2020, Republic Services, operator of Newby Landfill, discovered potential indicators of a subsurface fire after discovering smoke and surface cracking at a landfill gas well during routine inspection and monitoring. This is a second subsurface fire this year following an earlier event in May. Following the discovery, the operator shut down a total of fourteen wells down to contain and suppress the subsurface fire. The root cause of the oxidation event is believed to be the result of a combination of factors including air intrusion through surface cracking, inadequate landfill cover and general maintenance of the landfill gas collection system. Air District staff are evaluating the potential causes of the subsurface oxidation event and will ensure the facility implements adequate prevention measures to prevent future oxidation events.
- Over the last quarter, Air District staff have been investigating several unpermitted, fumigation operations located in the Port of Oakland and issued two violation notices to American Fumigation and Advance IPM fumigation companies for not having an Authority to Construct and Permit to Operate. Air District Inspection staff have been working closely with Air District Engineering and the Alameda County Department of Agriculture to verify and evaluate the use of Methyl Bromide and Phosphine that trigger Rule 2, Regulation 5 (Reg. 2-5) evaluation for toxics. Temporary permits have been issued to the companies as Engineering staff evaluate emissions from the operations. Inspection staff will continue to monitor fumigation operations and provide updates as needed.

- Air District staff participated in monthly conference calls with Lehigh Southwest Cement (Lehigh) representatives to discuss ongoing compliance and permitting issues at the cement manufacturing facility. For business reasons, Lehigh did not operate its kiln or produce clinker during the quarter.

### **Compliance Assurance**

Air District staff conducted over 752 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 July 30, 2020, Air District staff participated by conference call in the year 2, kick-off meeting for the Prescribed Burn Reporting and Monitoring Support Program. Workgroup participants included representatives from the California Air Pollution Control Officers Association (CAPCOA), CARB, and other local air districts. First year highlights included that there were 3,200 prescribed burns in California covering 19,000 acres.
- Air District staff provided an update at the quarterly meeting regarding the South Bay Odor Study sampling plan, contractor site visits and projected timeline for sampling in August 2020 and October 2020. Staff also provided an update on the decrease in odor complaints in the Milpitas area following recent changes to the waste acceptance contract in May 2020 between Zero Waste Energy Development (ZWED) and Newby Island Material Recovery Facility (MRF), allowing organic waste to be delivered to ZWED for processing and completely bypassing the MRF. The changes have prompted additional monitoring of ZWED operations by staff to ensure the facility can comply with permit requirements and minimize offsite odor impacts to the community during operations.
- Air District staff continue to coordinate with CARB to conduct joint odor complaint investigations in East Oakland that allege AB&I Foundry. These efforts began in June 2020 and will continue once per week. Both Air District and CARB have continued to receive a steady number of odor complaints over the quarter and joint investigations will help to address longstanding community odor concerns and allow both agencies work with the facility to make additional improvements to reduce odors. The facility is currently prioritized for evaluation under Rule 11-18 which is expected to require installation of additional odor abatement and controls to address fugitive emissions.
- Air District 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 is expected by early 2021.

- Air District staff approved two Asbestos Dust Mitigation Plans (ADMP) for the following projects: 1) RIN NOA-0186 Oyster Point Properties – Phase IC and IID Development in South San Francisco; and 2) RIN NOA-0203 Harrison Streetscape Project in San Francisco. These NOA (naturally occurring asbestos) projects are required to perform asbestos ambient perimeter air monitoring and submit results to the Air District on a bi-weekly basis. Eleven proposed ADMPs are currently under review. In addition, staff reviewed six ADMP revision requests and approved one ADMP revision for the following project: 1.) RIN NOA-0104 KB Home Communication Hill 2, Phase 2 Project in San Jose.

### **Compliance Assistance and Operations Program**

Air District Staff received and evaluated over 1,614 plans, petitions, and notifications required by the asbestos, coatings, open burn, tank, and flare regulations. Staff received and responded to over 76 compliance assistance inquiries and green business review requests. Highlighted compliance assistance activities for the quarter also included the following:

- Over the last quarter, Air District staff have been working closely with West Oakland Environmental Indicators Project (WOEIP) Co-Leads and Steering Committee to develop outreach material to discourage indoor and outdoor burning. A "Stop Burning in Our Community" brochure and poster were developed in collaboration with community representatives to highlight the negative health impacts of burning, the importance of Spare the Air Alerts that ban wood burning, provide information on the Air District complaint hotline and how to check before burning to comply with Air District regulations. The brochure helps inform the public that illegal burning can result in a Notice of Violation, encourages community members to heat their homes with clean and efficient heating devices and provides contact information and links to online resources. The brochure has been approved and finalized by WOEIP and Steering Committee and awaiting printing. Air District will be soliciting the help of community representatives to help distribute the brochure in neighborhoods where indoor/outdoor burning is a concern.
- Air District staff are continuing to make progress in the effort to update the Air Quality Complaint Policy and Procedures. Policy enhancements will expand the ability to confirm air quality complaints and will address community concerns over confidentiality, equity, language interpretation needs for non-English speakers, and provide clarity and transparency to our complaint investigation and enforcement procedures. Staff are also working on a new online Air Quality Complaint Reporting System to improve and enhance external interface when registering a complaint, developing helpful tips and guidance about the complaint reporting and investigation process, and updating the Air Quality Complaint webpage and other materials so that information can be readily available and accessible by all members of the public. Lastly, staff are developing a series of short videos to provide an overview of the complaint investigation process. Staff anticipate the update to the policy and procedures to be completed within the next few weeks.
- Air District staff approved one (1) marsh burn smoke management plan in Solano County; however due to wildfire smoke there were no burns allowed.

- Air District staff completed the data verification and posting of refinery flare monitoring data through July 2020.
- Air District staff conducted the following inspections for the Strategic Incentives Division (SID): 55 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**

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). ([www.baaqmd.gov/ctf](http://www.baaqmd.gov/ctf))

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 \$1M.) 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.

Companies funded by a bank who received a Climate Tech Finance loan guarantee:

- **SWITCH Maritime**, a hydrogen fuel cell ferry in San Francisco Bay anticipated to displace diesel-powered harbor craft on an Oakland-San Francisco route.

Staff and NorCal FDC continue to support advancement of loan applications of qualified projects and to identify other prospects across industrial sectors. The following companies have been qualified to have their lending insured with a loan guarantee and include technology ventures in energy storage, microgrid, construction, and data center spaces:

- **Gridscape Solutions**, a microgrid developer who is installing software-enabled solar-battery microgrids at municipal facilities around the Bay Area.
- **Blue Planet**, a production facility in Pittsburg that will recover carbon dioxide from flue gas and sequester it in synthetic limestone and recycled concrete.

- **Intertie**, an energy storage technology that integrates solar power generation with battery boosted Electric Vehicle (EV) fast charging.
- **Silverback Data Center Solutions**, an energy efficient cooling technology that decreases air conditioning energy demand in data centers by up to 75%.
- **Electriq Power**, a residential energy storage technology that reduces peak electricity usage and prevent diesel backup power.
- **AEST**, 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.

As part of program marketing, Climate Tech Finance supports network-based matchmaking. We host events that bring together climate tech vendors with potential users for co-learning conversations. Our next such event is Climate Tech Marketplace, a forum that features a keynote address, interactive panels and a technology exposition with vendor booths. Climate Tech Marketplace is being planned as an all-virtual engagement and will be held on October 22, 2020.

### **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 mobility options (e.g. public transit passes). ([www.baaqmd.gov/cleancarsforall](http://www.baaqmd.gov/cleancarsforall))

To date the Air District has received \$19M in program and administrative resources to implement CCFA. CCFA funding comes from the Transportation Fund for Clean Air and California Climate Investments (CCI) and Volkswagen Settlement (VW) which are both administrated by CARB.

Due to high demand and low funding, CCFA removed the hybrid electric vehicle replacement option and moved to an application waitlist on September 14, 2020. There are currently 212 applications on the waitlist.

On October 2, 2020, CARB approved the Air District’s implementation plan to offer e-bikes and public EV charging to CCFA grantees. There are approximately five grantees that have expressed interest in the e-bike option and Staff are working with them to move forward with their purchases.

Here are key program highlights:

- From April 2019 through September 2020, CCFA funded around 1000 vehicle purchases, six (6) public transit cards, and 100 home charging stations totaling \$8.43 million.
- Of the clean transportation options selected to date, 23 percent were battery electric vehicles (BEV), 54 percent were plug-in hybrid electric vehicles (PHEV), 22 percent were conventional hybrid vehicles, 0.5% percent were hydrogen fuel cell vehicles (FCEV), and 0.5% were mobility option.

### **Clean Cars for All Program Key Performance Indicators (KPI)**

<b>Clean Cars for All Program KPI Totals to Date (2019-2020)</b>	
Total budget	\$16.5M
Total available	\$2.11M (i.e. not awarded)
Applications received	2,002
Funds awarded	\$10.67M / 1347 grantees
Funds paid	\$8.43M / 1006 payments
<b>Clean Cars for All Program KPI Totals During Q3 of 2020</b>	
Applications received	659
Funds awarded	\$2.85M / 354 grants
Funds paid	\$2.05M / 250 grants

### **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](http://www.baaqmd.gov/charge))

- Staff requested \$1M in Mobile Source Incentive Funds for the Charge! Program at the Mobile Source Committee meeting on October 19, 2020. This funding will support electric vehicle charging projects in multi-unit dwellings in AB617 areas.
- 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**

<b>Total budget</b>	\$5,000,000
<b>Applications received</b>	76
<b>Funds awarded</b>	\$5,193,305
<b>Funds paid</b>	\$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. ([www.baaqmd.gov/cleanfleets](http://www.baaqmd.gov/cleanfleets))

- On June 8, 2020, staff opened the program solicitation and began conducting outreach activities to encourage a wide range of applicants. The program closed on July 15, 2020.
- Two applications have been received: one from Flexdrive Services, LLC (a subsidiary of Lyft) for \$1.5M, and one 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**

<b>Total budget</b>	\$2,000,000
<b>Applications received</b>	2
<b>Funds awarded</b>	\$1,000,000
<b>Funds paid</b>	\$0

**Outreach and Partnerships**

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. A virtual EV Council Meeting was held on September 17, 2020, with speakers from CARB, East Oakland Collective, and Transform. The meeting focused on conducting community outreach and engagement in the time of COVID-19. The next Steering Committee call will take place on October 20, 2020, in preparation for the next virtual Council Meeting in early November, which will focus on Vehicle to Grid Integration.

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.

Staff are developing the Bay Area EV Acceleration Plan and a complementary webpage to host a vast array of EV resources for residents and EV stakeholders.



## **Sponsorship and Conferences**

To support technology matchmaking, the Air District will hold the second **Climate Tech Marketplace** technology showcase on October 22, 2020. This entirely online exposition will bring together technologists, investors, and representatives of local government for technology co-learning discussion. Invitations have been sent to over a thousand potential participants and is working with the Communications office on a social media advertisement campaign to raise awareness and generate additional attendees. There are 34 exhibitors covering energy efficiency, energy generation, energy storage, environment, financing, microgrids & infrastructure, mobility and waste upcycling.

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

- Tamara Kohne attended emPOWER20, an energy leadership event, August 26, 2020 - August 28, 2020.
- Rebecca Fisher presented at the Center for Sustainable Energy's National Drive Electric Week webinar titled Saving Money with EVs in the California Bay Area on September 29, 2020.
- Rebecca Fisher will present on the Bay Area EV Market and Air District grant programs at the San Mateo County Resource Management and Climate Protection Committee meeting on October 21, 2020, and San Mateo County Sustainability Office's Regionally Integrated Climate Action Planning Suite workshop on October 27, 2020.
- Tamara Kohne and Chad White will attend and promote Climate Tech Finance at the CEC's Empower Innovation symposium Oct 19, 2020 – October 21, 2020.

**ENGINEERING DIVISION  
P. LEONG, DIRECTOR**

**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 is working on the CEQA Initial Study.

**Permits and Projects**

**Chevron Products Company (Richmond):** Chevron applied for a Temporary Permit to Operate to conduct "combustibles breakthrough" testing at an existing hot oil furnace at their solvent deasphalting plant. The furnace burns a blend of refinery process gas and natural gas to heat oil. Combustion emissions are limited by permit conditions. The temporary permit to operate allowed Chevron to exceed the 50 parts per million by volume (ppmv) carbon monoxide concentration limit during testing, which was not expected to exceed 15 minutes. A permit condition was imposed limiting daily carbon monoxide emissions to what the limit allows (50 ppmv for a day) and required Chevron to continuously monitor CO emissions for the entire day of the test using Air District approved monitors. The Temporary Permit to Operate was issued on August 13, 2020 and expired in 90 days.

**Marathon Refinery (Martinez):** Marathon is switching its operation from gasoline to renewable fuels production. As part of their petroleum refining decommission process, Marathon will be operating at a much lower sulfur production capacity (less than 30 tons/day of sulfur). Currently, the Sulfur Recovery Unit (SRU) has a grandfathered sulfur production limit of 200 tons/day and an emission limit of 4 lbs. of SO<sub>2</sub> per ton of sulfur produced. Due to the process, there is a minimum amount of SO<sub>2</sub> that is produced regardless of the amount of sulfur produced. Therefore, compliance with the production-based limit is not achievable. Marathon has applied for an accelerated Permit to Operate for a change in the production-based limit to a mass emission limit when sulfur production is less than 30 tons/day. The permit action will not require any physical change to the equipment and permit conditions have been imposed to ensure there is no increase in criteria air pollutant or toxic air contaminant emissions. A Temporary Permit to Operate was issued on September 17, 2020.

**Marathon Refinery (Martinez):** Marathon renewed Authorities to Construct to install piping and fugitive components to reroute gas (natural gas and hydrogen) generated during the startup of the No. 1 Hydrogen Plant. The project will reduce flaring during startup and allow the facility to comply with flaring limits in Marathon's Consent Decree with the U.S. EPA. Renewed Authorities to Construct were issued on September 1, 2020.

**Marathon Petroleum Corporation (Martinez):** Marathon (Tesoro) submitted a permit application to install a selective catalytic reduction (SCR) unit and associated exempt equipment (aqueous ammonia storage tank and ammonia vaporization skid) to abate Oxides of Nitrogen (NO<sub>x</sub>) emissions from its FCCU and CO Boiler. The SCR is needed to comply with an existing NO<sub>x</sub> limit. To meet operating requirements for the SCR, Marathon will make physical changes to the CO Boiler. An Authority to Construct for the project was issued on July 14, 2020. A Notice of Exemption from CEQA was filed with the Contra Costa County.

**Shell Chemical LP – Martinez Catalyst Plant (Martinez):** Shell Chemical applied for a change of conditions to increase an ammonia slip limit associated with a SCR unit. The SCR abates emissions from a catalyst dryer and thermal oxidizer and was required to be installed as a result of a BACT analysis from a previous project. Ammonia is injected into the SCR to abate NO<sub>x</sub> emissions and an ammonia slip limit is the maximum amount of unreacted ammonia that is permitted. From an initial source test, the facility determined that the catalyst dryer itself created significant process ammonia such that no ammonia was needed to be injected into the SCR. However, the facility could not meet the ammonia slip limit and applied for an increase. An Authority to Construct for the change of conditions was issued on July 10, 2020. A Notice of Exemption from CEQA was filed with the Contra Costa County on July 14, 2020.

**Shore Terminals (Crockett):** On August 10, 2020, the Air District issued an Authority to Construct to Shore Terminals (NuStar) for alterations to six existing tanks that would allow them to receive, store and process renewable jet fuel. The facility will be installing fugitive components (piping, valves, connectors, and pumps) and replacing some of the connecting pipelines. To ensure that the project will not modify the sources, new permit conditions will be imposed limiting maximum throughputs to what is currently achievable.

**TransMontaigne Operating LP (Richmond):** On August 13, 2020, the Air District issued an authority to construct for a backup electrical diesel generator to replace an older diesel generator.

**Eco Services Operation Corporation (Martinez):** Eco Services Operation Corporation (Eco Services) produces sulfuric acid and oleum. They supply sulfuric acid to several petroleum refineries as well as other customers. The facility has proposed replacing the following pieces of equipment at the S-1 Sulfuric Acid Plant abated by A-11 Ammonia Scrubber: Electrostatic Precipitators (4 total) with non-identical Electrostatic Precipitators (2 total), Gas Coolers (4 total) and Quench Coolers (2 total) with non-identical Direct Contact Gas Cooling Tower (1 total) and heat exchanger (1 total), and Entrainment Separator (with identical equipment). To ensure the project does not result in a modification, permit limits will be imposed to limit annual throughput to 409,165 tons of sulfuric acid produced. Daily and annual emissions limits for NO<sub>x</sub>, CO, PM10, SO<sub>2</sub> and H<sub>2</sub>SO<sub>4</sub> will also be imposed. Because there will be no increase in emissions,

BACT and offsets are not triggered and an HRA is not required. The Authorities to Construct for the alterations at S-1 were issued on July 3, 2020.

**Equilon Enterprises San Jose Terminal (Equilon):** Vapors from truck loading operations are captured and routed to A-1 vapor recovery system. Vapors are first sent to a tank with an internal bladder that operates like a large balloon inside of the tank. Once the bladder reaches a specified height, the vapors are routed to a carbon absorption vapor recovery unit (VRU). The VRU recovers vapors by condensing them and returning them to storage tanks. The current bladder is nearing its end of life and Equilon applied for a replacement of their vapor bladder. Although the replacement is larger, emissions will not increase due to the daily and annual limits that already exist at the truck rack. The emissions from A-1 are also limited. The maximum vapor flow to A-1 is also limited by an existing blower that will not change with the project. There will be no increase in emissions. The Authority to Construct was issued and the Notice of Exemption filed with Santa Clara County on September 18, 2020.

**Contra Costa Transfer & Recovery Station (Martinez):** On August 12, 2020, the Air District issued an Authority to Construct to Contra Costa Transfer & Recovery Station for a Thor Food Press. The equipment will be used to separate waste packaging and inorganic materials from collected food waste. The separated food waste will be accepted by certain publicly owned treatment works, which are allowed to process the separated food waste in their anaerobic digesters. The separated food waste is expected to increase biogas production at the anaerobic digesters, allowing the facility to become more energy independent. Organic compounds and odors are expected from the operation of the Thor Food Press. However, in order to address odorous emissions, the facility will conduct the operation within an enclosure equipped with a deodorizing mist spray system.

**San Jose-Santa Clara Regional Wastewater Facility (San Jose):** On September 2, 2020, the Air District issued a change of conditions permit to the San Jose-Santa Clara Regional Wastewater Facility (RWF) for lowering the hydrogen sulfide destruction efficiency to 98% for two flares. The RWF initially requested a 100% destruction efficiency, but later realized this would not be feasible and could result in a violation. The modeled hydrogen sulfide emissions indicated that the project risks comply with the Air District New Source Review Toxics Rule 2-5.

**Newby Island (Milpitas):** Republic Services (RS) provided the remaining NO<sub>x</sub> emission offsets required for the full operation of a portable prime 948 bhp Tier 4 diesel engine, which powers a tub grinder. The engine was permitted in November 2017 at reduced operating hours because RS was unable to provide all of the required NO<sub>x</sub> offsets at that time. A Change of Conditions has been issued increasing the operating hours for this engine.

**Tesla, Inc. (Kato Road, Fremont):** Tesla, Inc. applied for an Authority to Construct for a cell assembly line used for the production of batteries for research and development. The equipment will be abated by carbon beds in series controlling precursor organic compounds (POC), non-precursor organic compounds (NPOC), and some acids. The Authority to Construct was issued on August 12, 2020.

**Air Curtain Incinerators (Saint Helena):** Piña Bros submitted Application #30508 for an air curtain incinerator. These devices burn wood waste in a firebox that is open to the atmosphere on the top side. A fan blows air across the top to enhance combustion. Staff determined that these devices are subject to Regulation 5, Open Burning, and are therefore excluded from obtaining permits per Regulation 1-110.5. Open burning is handled by the Compliance and Enforcement Division.

**400 Paul Data Center (San Francisco):** On July 8, 2020, the Air District issued an authority to construct for six standby diesel generators to be operated at the 400 Paul Data Center located in San Francisco. The engines are 2-MW, 2922 bhp and are equipped with three-way catalytic diesel particulate filters. At full build-out, the data center will include 18, 2-MW standby diesel generators.

**Mainspring Energy (formerly EtaGen):** Mainspring Energy applied for Authorities to Construct for four linear generators abated by catalytic oxidizers at their facility in Menlo Park. Authorities to Construct were issued on August 3, 2020.

**University of California, Berkeley:** The renewal Title V permit for University of California, Berkeley was issued on August 31, 2020.

**Gateway Generating Station (Antioch):** The renewal Title V permit for the Gateway Generating Station was issued on September 3, 2020.

**National Association of Clean Air Agencies (NACAA) Permitting and New Source Review (NSR) Committee:** Staff participates in the monthly conference calls of the NACAA Permitting and NSR Committee. 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. In August, the committee discussed suggestions for improving EPA's Applicability Determination Index and EPA's issuance of the final "Guidance on Plantwide Applicability Limitation Provisions Under the New Source Review Regulations. In September, EPA discussed proposed reforms to the EPA Environmental Appeals Board Permit Appeal Process and provided a brief overview about the proposed National Policy for Oversight of Permitting.

**Governor's Office of Planning and Research (OPR) / California Strategic Growth Council (SGC) Webinar on Updated Environmental Justice Guidance for General Plans:** On July 22, 2020, staff participated in the Governor's OPR / SGC webinar titled Updated Environmental Justice Guidance for General Plans. OPR has updated the General Plan Guidelines to include revised guidance on environmental justice (EJ) in response to Senate Bill 1000 (Leyva, 2016). The webinar gave an overview of EJ in California and the EJ element guidance. The resource, along with an accompanying example policy language document and set of EJ case studies, may be found at <http://opr.ca.gov/planning/general-plan/guidelines.html>.

**CAPCOA Engineering Managers Committee Conference Call:** On July 27, 2020 and July 28, 2020, staff participated in the quarterly conference call of the CAPCOA Engineering Managers Committee. During the call, CARB staff gave an update on the draft gasoline service station industry-wide guidelines, its workgroups with local air districts, and its Assembly Bill (AB) 2588 emissions inventory criteria and guidelines. EPA also gave updates on its regulation development and electronic permit submittal portal. The air districts discussed various topics including progress on AB 617 implementation, air curtain incinerator permitting, cannabis permitting, and planning for the 2020 Engineering and Toxics Symposium.

**Rule Development and Implementation**

**Regulation 11, Rule 18, (Rule 11-18) Reduction of Risk from Air Toxic Emissions at Existing Facilities:** Rule 11-18 requires that Bay Area facilities reduce health risks if facility health risks exceed a risk action level (RAL). A site-wide health risk assessment (HRA) is necessary to determine the facility health risks due to routine and predictable toxic emissions from stationary sources at the facility. The Air District identified 36 Phase I facilities that have the highest potential for health risks and that require HRAs. The list of Phase I facilities is available on the Air District web site at: <https://www.baaqmd.gov/community-health/facility-risk-reduction-program/facility-risk-reduction-list>. However, HRA work was discontinued for one facility (Plant # 19746, FXI, Inc.) that shut down in September 2020.

The Air District is currently validating toxic emission inventories and preparing HRAs for 35 Phase I facilities. Once a preliminary HRA is complete, it is sent to the facility for a 90-day review period. The Air District will respond to facility comments and post a draft HRA on the web site for public review. After the 45-day public comment period, staff will consider all comments, make any necessary revisions to the HRA, and post a final HRA on the web site. The requirement for risk reductions will be identified in the final HRA report. If risk reductions are required, the facility will have 180 days to submit a risk reduction plan.

The HRA review status, as of October 1, 2020, for the Phase I facilities, is summarized below.

<b>HRA Review Stage</b>	<b>Number of Facilities</b>
Validating Inventory and HRA Input Data	17
Preparing Preliminary HRA	14
On 90-Day Facility Review	1
Preparing Draft HRA	1
On 45-Day Public Comment	0
Preparing Final HRA	2
Final HRA Complete	0

Staff is continuing to make progress on inventory reviews and has initiated HRAs for seven (7) sites this quarter. Staff completed a preliminary HRA for AB&I Foundry. Comments from the facility are due on November 6, 2020. The preliminary HRA for Los Medanos Energy Center is complete and will be sent to the facility for the 90-day review period in October 2020. Staff is responding to facility comments and preparing a draft HRA for Owens Corning Insulating Systems. The public comment periods for Irvington Memorial Cemetery and City of Santa Clara are complete. Staff is reviewing comments and making the necessary revisions to the final HRA reports for these 2 facilities.

On August 18, 2020, staff provided responses to WSPA and CCEEB comments on the Air District's draft guidance documents for Rule 11-18. The final guidance documents have been posted on the web site and include updated implementation procedures, a general HRA modeling protocol, TAC emission factor guidelines, and default TAC emission factors for common source categories. This last document will be updated frequently as default TAC emission factors are developed for additional source categories.

An Implementation Work Group meeting took place on August 20, 2020 at 10:00 am. Staff discussed the guidance documents, the recently published draft HRA reports, and public notification procedures.

**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 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 support facilities that their revised emissions inventories could not be approved as submitted. Marathon Martinez Refinery (on July 17, 2020), Valero Benicia Refinery (July 21, 2020), Phillips 66 (on September 26, 2020), Chevron Richmond Refinery (September 28, 2020), and the PBF Martinez Refinery (on September 29, 2020) submitted revised emissions inventories and responses to identified deficiencies. Staff reviewed the revised emissions inventories and facility responses to identified deficiencies determined that the submitted inventories could not be approved as submitted.

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. The comment period ended September 11, 2020. Comments were received from WSPA and from a resident in Point Richmond. Staff has reviewed submitted comments and is drafting responses to comments as well as proposed revisions to the Guidelines.

**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:** Staff continues to work with CARB, CAPCOA, and other local air districts as part of the ARB's Best Available Control Technology (BACT) / Best Available Retrofit Control Technology Working Group on reviewing and commenting on the AB 617 Technology Clearinghouse being developed by CARB and its consultants. AB 617 required CARB to establish and maintain a statewide Technology Clearinghouse that identifies the best technologies for reducing emissions, namely BACT, BARCT, and related technologies for the control of toxic air contaminants. CARB is developing a technology clearinghouse of air district rules and control technologies as required under its AB 617 program and is working with CAPCOA and local air districts to ensure the information is useful and meets the needs of users.

At the meetings this quarter, CARB staff discussed and demonstrated its preliminary BACT guideline tool, BACT determination tool, and non-attainment status tool. CARB staff also discussed its prototype BACT Database for large backup generator technology.

Staff continues to work with CARB, CAPCOA, and other local air districts on the guidelines for the uniform emissions reporting required by AB 617 and implementing the requirements of the criteria pollutants and toxics emissions reporting regulation here in the BAAQMD. Recently, staff worked with CAPCOA and the South Coast Air Quality Management District to revise the "CAPCOA Uniform Emissions Inventory Guidance Document", which was shared with the CAPCOA Engineering Managers for comment. The document will be brought to the CAPCOA Board for review.

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

The Air District Counsel's Office received 115 violations reflected in Notices of Violation (NOVs) for processing.

Mutual Settlement Program staff-initiated settlement discussions regarding civil penalties or passing the Wood Smoke Awareness Course for 64 violations reflected in NOVs. In addition, one (1) Final 30-Day Letter was sent regarding civil penalties for two (2) violations reflected in NOVs. Finally, settlement negotiations resulted in collection of \$94,175 in civil penalties for violations reflected in NOVs.

Counsel in the District Counsel's Office initiated settlement discussions regarding civil penalties for 21 violations reflected in NOVs. Settlement negotiations by counsel resulted in collection of \$209,000 in civil penalties for 35 violations reflected in NOVs.



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

**Media Inquiries**

Staff responded to 501 media inquiries, including requests about:

- Air quality advisory
- Attainment status
- Board presentations
- Chevron flaring
- Chevron lawsuit
- COVID & air quality
- Cut the Commute
- Hunters Point
- India Basin Park development
- Lennar in Hunters Point
- Low-cost sensors
- Marathon Refinery
- Martinez refinery
- Masks
- Mineral Fire
- Park and Crews Fires
- PG&E backup generators
- Philips 66 renewable energy application
- PM/COVID link
- Preparedness
- Remote work
- Renewable fuels
- SF building fire
- Spare the Air
- Storage containers
- West Oakland Community Action Plan
- West Oakland Community Action Plan implementation
- Wildfires and air quality
- Wildfires and smoke

**Media Events/Op-eds**

- Cut the Commute press conference in San Jose took place on July 13, 2020.
- Wildfire op-ed with American Lung Association – developing.
- Cut the Commute/Remote Work op-ed – working to place with a San Jose media outlet.
- Goodwill Project – to be determined.
- Slow shipping/blue whales press conference in Port Hueneme – on hold.
- Air Filtration in Schools Event in Oakland – on hold.
- Electric vehicle infrastructure promotion with Technology Implementation Office in South Bay - on hold.

## Media Highlights

The Air District was mentioned in 3,060 print/online stories and 3,790 radio/video clips from July 2020 through September 2020. Below are media coverage highlights:

- 09/30/2020 [EPA offers ways to breathe easier indoors when outdoors is unhealthy](#)
- 09/30/2020 [Sonoma County expected to contend with unhealthy air until Saturday](#)
- 09/29/2020 [Spare the Air alerts issued through Friday due to wildfire smoke](#)
- 09/29/2020 [As Bay Area heat wave eases, stagnant air mass could trap smoke](#)
- 09/29/2020 [Spare The Air Alerts Issued Thru Friday Due To Wildfire Smoke](#)
- 09/29/2020 [Air quality forecast: Wildfire smoke to 'swirl around' Bay Area](#)
- 09/28/2020 [Spare the Air Alert extended through Friday amid Glass Fire smoke](#)
- 09/28/2020 [Wildfire smoke extends Spare the Air Alert through Friday](#)
- 09/28/2020 [Smoky Skies Again Blanket Bay Area From Glass, Boysen, Shady Fires; Spare The Air Alert Through Friday](#)
- 09/28/2020 [People Head to the Beach to Escape Heat, Smoke](#)
- 09/28/2020 [Wildfire fouls North Bay air, with little relief expected this week](#)
- 09/28/2020 [Spare the Air alert extended through Friday for Sonoma and Napa counties due to wildfire smoke](#)
- 09/28/2020 [New Napa County wildfire sends smoke across greater Bay Area](#)
- 09/28/2020 [Wildfire Smoke, Smog Prompt Spare The Air Alert In The Bay Area](#)
- 09/28/2020 [Bay Area heat wave to hit its peak, but the cooling to follow will be gradual](#)
- 09/28/2020 [Fears of smoked-choked air return as North Bay fires rage](#)
- 09/28/2020 [Bay Area's wildfire weather outlook mixed: Calmer winds but more heat, dry conditions](#)
- 09/28/2020 [Wildfire Smoke, Smog Prompt Spare the Air Alert Through Friday](#)
- 09/28/2020 [Bay Area choked by wildfire smoke: Spare the Air runs through Friday](#)
- 09/27/2020 [Spare the Air Alert extended through Monday amid smoke from Glass Fire](#)
- 09/27/2020 [Smoke, smog and high temps prompt Spare the Air advisory for Sunday](#)
- 09/27/2020 [Wildfire Smoke From Napa Valley Extends Bay Area Spare-the-Air Alert Through Monday](#)
- 09/27/2020 [Spare the Air alert extended to Monday amid increased smoke from Glass fire](#)
- 09/27/2020 [Glass fire burns 2,500 acres in Napa County; flames push west forcing Santa Rosa evacuations late Sunday](#)
- 09/27/2020 [Wildfire smoke, smog trigger air pollution warning across Bay Area](#)
- 09/27/2020 [Constance Beutel: Our children's health](#)
- 09/27/2020 [Scorching temperatures, smoky skies predicted this week, National Weather Service says](#)
- 09/27/2020 [Wildfire Smoke, Smog Prompt Spare The Air Alert For Monday](#)
- 09/27/2020 [North Bay fires spreading rapidly, prompting evacuations](#)
- 09/27/2020 [How the wildfires spreading in Napa will affect Bay Area air quality](#)
- 09/26/2020 [Spare the Air Alert in effect Sunday amid wildfire smoke](#)
- 09/26/2020 [Smoke, Smog and High Temps Prompt Spare the Air Alert for Sunday](#)
- 09/26/2020 [Spare the Air alert issued for Bay Area this Sunday](#)
- 09/26/2020 [Red flag warning expanded to entire North Bay region as PG&E plans power shut-offs](#)

09/26/2020 [Bay Area district air quality advisory mostly for East Bay](#)

09/26/2020 [Marin weather: Smog alert issued, fire warning extended](#)

09/26/2020 [Bay Area heat: Scorching temps, red-flag warning extended, another Spare the Air alert](#)

09/26/2020 [San Francisco could hit 99 degrees Monday as heat wave brings fire danger, smokier air](#)

09/25/2020 [Forecast Triple-Digit Heat Brings Weekend Red-Flag Fire Warning, Possible Preventive Outages](#)

09/25/2020 [Red Flag Warning called for Napa County this weekend](#)

09/25/2020 [Heat, winds return to Bay Area this weekend, bringing fire danger](#)

09/25/2020 [Council weighs options for monitoring air quality](#)

09/25/2020 [Xpress Air Quality Checking Resource Guide](#)

09/25/2020 [Bay Area braces for first heat wave of fall](#)

09/25/2020 [Bay Area air district issues 'moderate air quality' advisory](#)

09/24/2020 [Strong California Gas Demand Unlikely to Return, as Even Refineries Go Renewable](#)

09/24/2020 [Wildfire Smoke Expected To Return To Bay Area Skies On Friday; Air Quality Advisory Issued](#)

09/24/2020 [National Weather Service Adds Surf Warning To Weekend Fire Advisory](#)

09/24/2020 [Napa County, Northern California face high winds, critical fire danger this weekend](#)

09/24/2020 [Marin set to bake as heat wave dials up fire risk](#)

09/24/2020 [With skies clear, free COVID testing in Fruitvale to happen this weekend](#)

09/24/2020 ['Triple whammy' of smoke, heat, smog to spoil Bay Area weekend air quality](#)

09/23/2020 [Developing heat wave expected to cook Bay Area this weekend](#)

09/23/2020 ['Studying Us to Death': Money, Racial Woes Tarnish Air Law](#)

09/23/2020 [Los Altos Hills council approves expansion design phase](#)

09/23/2020 [Smoke from California fires may have killed more than 1,000 people](#)

09/22/2020 [How to watch Tesla's double hitter shareholder meeting and battery day event](#)

09/22/2020 [Smoke From California's Record Wildfires Is Its Own Disaster](#)

09/22/2020 [Questions on the long-term effects of wildfire smoke](#)

09/21/2020 [Cal Maritime introduces new zero emissions transport van](#)

09/21/2020 [Aclima: Bay Area skies were the worst on record during wildfires](#)

09/21/2020 [Marin air forecast unpredictable amid drifting smoke](#)

09/21/2020 [Bay Area smoke dispersing, but Spare the Air advisory remains](#)

09/21/2020 [Wildfire smoke returns: When will it clear?](#)

09/21/2020 [Bay Area air: clear this week, but haze, smoke could return by Friday](#)

09/21/2020 [A miserable month of bad Bay Area air quality: See charts showing the impact](#)

09/21/2020 [After a weekend of poor air quality, forecasters predict clean air for Sonoma County](#)

09/21/2020 [No more NorCal vs. SoCal — climate change, affordable housing demand California adopt unified approach to its problems](#)

09/20/2020 [Air Quality Advisory for Bay Area Sunday, Monday](#)

09/19/2020 [Spare the Air Alert Issued for Saturday With Smoke Set to Return](#)

09/19/2020 [Smoke in parts of Bay Area tips scale into an unhealthy zone for some](#)

09/19/2020 [Dick Spotswood: Managing forests would help mitigate severity of wildfires](#)

09/19/2020 [Bay Area air quality should improve Sunday night, National Weather Service says](#)

09/19/2020 [Air Quality Advisory For Bay Area Sunday, Monday](#)

09/19/2020 [Sunny, smoke-free skies with warm conditions this weekend](#)

09/16/2020 [Streak of 30 straight Spare the Air days in Bay Area will end Thursday](#)

09/15/2020 [Bay Area Air Quality Improves as Northern California's 'Smokestorm' Finally Eases](#)

09/15/2020 [Enjoy better air quality while you can, smoke may return this weekend](#)

09/15/2020 [Smoke clearing in Marin, but outlook is not so clear](#)

09/15/2020 [With smoky skies, it's essential to factor air quality](#)

09/15/2020 [Air quality readings improve around Bay Area as hope takes shape in new air mass](#)

09/15/2020 [Bay Area air: Does improving air quality mean it's OK to go outside?](#)

09/15/2020 [Bay Area air quality improves, but smoke to linger for days](#)

09/15/2020 [Spare the Air alert extended yet again, making it a month of foul air](#)

09/15/2020 [Air quality still bad in West Coast, but Bay Area conditions improving](#)

09/15/2020 [Air quality readings improve around Bay Area as hope takes shape in new air mass](#)

09/14/2020 [Wildfire smoke over Bay Area extends Spare the Air Alert through Wednesday](#)

09/14/2020 ['Not afraid': Walnut Creek residents react to unhealthy air quality](#)

09/14/2020 [Poor air quality plagues the Bay Area](#)

09/14/2020 [Record continues: 28 days of consecutive bad air in Bay Area](#)

09/14/2020 [Smoky Skies: Unhealthy Air Over Bay Area Prompts 30 Straight Days Of 'Spare The Air' Alerts; People Urged To Stay Indoors](#)

09/14/2020 [The science behind the orange, 'Martian' sky looming over Napa Valley](#)

09/14/2020 [Spare The Air Alerts To Continue Through At Least Wednesday Due To Wildfire Smoke](#)

09/14/2020 [Wildfire smoke may not leave Berkeley for another week — maybe longer](#)

09/14/2020 [A month of Spare the Air days, and the sky still may not be clearing](#)

09/14/2020 [Spare The Air Alerts Issued Thru Wednesday Due To Wildfire Smoke](#)

09/14/2020 [Yes, the Bay Area just suffered some of its worst-ever air quality days: Charts show how bad](#)

09/14/2020 [Bay Area Under Spare the Air Alert for Almost a Month](#)

09/14/2020 [A month of Spare the Air days, and the sky still may not be clearing](#)

09/14/2020 [Bay Area shrouded in smoke: When will it clear this week?](#)

09/13/2020 [Cooler conditions, shifting winds could help clear out Bay Area's smoky air](#)

09/12/2020 [East Bay event makes outdoor debut amid smoky conditions](#)

09/12/2020 [How To Find The Best Air Quality Index \(AQI\) On The Web](#)

09/12/2020 [Hazardous Air: San Jose Closes Parks; 'We Have Smoke Coming At Us From Virtually All Directions'](#)

09/12/2020 [Smoky haze may start to clear late Sunday](#)

09/12/2020 [Spare the Air Extended Through Monday](#)

09/12/2020 [Smoky air improves across the Bay Area, but still at unhealthy levels](#)

09/12/2020 [Foul air covers all of Northern California: 'It's smoke all over the place'](#)

09/11/2020 [Smoggy Conditions Will Persist Through the Weekend, Experts Say](#)

09/11/2020 [Air Quality: When will things get better in the Bay Area?](#)

09/11/2020 [Air quality in Bay Area is awful and will persist through next week](#)

09/11/2020 [Spare the Air Alert extended through Monday for the Bay Area](#)

09/11/2020 [City Of Berkeley Halts Garbage Pickup, Other Outdoor Services Do To Unhealthy Air Quality](#)

09/11/2020 [Hazardous Air Levels Climb As A Smoky, Ash-Filled Plume Remains Draped Over San Francisco Bay Area](#)

09/11/2020 [Record-Setting Spare The Air Streak Continues for 28th Day](#)

09/11/2020 [Air quality experts share tips on purifiers, filters, and taking safety to next level](#)

09/11/2020 [Bay Area's Spare the Air Alert extended to Monday](#)

09/11/2020 [Sonoma County air quality the worst it's been in two years](#)

09/11/2020 [Poor Berkeley air quality from wildfires could improve by Monday](#)

09/11/2020 [Newsom rails against climate change as historic wildfires rage across California](#)

09/11/2020 [Purple haze: Air quality further deteriorates, as smoke-filled smog smothers Bay Area](#)

09/11/2020 [San Francisco Bay Area choked by toxic smoke-filled air](#)

09/11/2020 [Spare-The-Air Alert Extended Through Monday](#)

09/11/2020 [Air quality reaches 'very unhealthy' purple level on Air Quality Index](#)

09/11/2020 [Will 49ers' opener be postponed due to air quality? Here are the key factors](#)

09/11/2020 [Very unhealthy air blankets Bay Area as historic wildfires spread noxious smoke](#)

09/11/2020 [Air quality dramatically worsens in the Bay Area](#)

09/11/2020 [Yesterday the air quality looked bad, today it actually is bad](#)

09/10/2020 [PGA Tour golfers play amid orange skies, smoky conditions because of California wildfires](#)

09/10/2020 [What to Know About the Wildfires](#)

09/10/2020 [Eerie orange hue fades in the West but air quality worsens](#)

09/10/2020 [Dirty air from wildfires continues to foul parts of the smog-weary Bay Area](#)

09/10/2020 [Orange hue fades but air quality worsens across Bay Area](#)

09/10/2020 [Air Quality Managers Rely On Pollution Sensors For Real-Time Information](#)

09/10/2020 [Smoke partially blots out sunlight above Solano, creates yellow-orange-red haze](#)

09/10/2020 [Air quality unhealthy in Sonoma County due to wildfire smoke](#)

09/10/2020 [Air quality in Napa County to remain unhealthy into the weekend](#)

09/10/2020 [Smoke, haze lingers in Marin; Woodward fire work continues](#)

09/10/2020 [Wildfire smoke, poor air quality in Marin may persist into weekend](#)

09/10/2020 [Bay Area smoke: To breathe safely, stay inside and don't count on masks](#)

09/10/2020 [Orange glow turns dark and gray as Bay Area air quality worsens](#)

09/10/2020 [The orange sky was Bay Area's latest extreme climate event. It won't be the last](#)

09/10/2020 [Air quality worsens as orange hue fades from Bay Area skies](#)

09/10/2020 [Essential California: Life on Mars?](#)

09/10/2020 [Rarely have so many Californians been exposed to such gloomy, unhealthy air](#)

09/10/2020 [Blame the fires for why the sky is orange in San Francisco](#)

09/10/2020 [Another strange weather day in California? Meteorologists say yes](#)

09/10/2020 ['Eerie' sky cloaks San Mateo County, Bay Area](#)

09/10/2020 [Thick wildfire smoke blocks sun, turns Bay Area sky orange](#)

09/09/2020 [The Bay Area Just Turned Orange. All Eyes Are on PurpleAir](#)

09/09/2020 [Massive smoke clouds from wildfires darken West Coast sky](#)

09/09/2020 [Apocalyptic Orange Haze And Darkness Blanket California Amid Fires](#)

09/09/2020 [California And Oregon Residents Described Apocalyptic Landscapes As Wildfires Raged](#)

09/09/2020 [The Bay Area's eerie orange skies explained](#)

09/09/2020 [No, You Didn't Wake Up to the Apocalypse. Wildfire Smoke Turns Bay Area Sky Orange and Dark](#)

09/09/2020 [Bay Area Spare the Air Alert extended through at least Friday](#)

09/09/2020 ['Don't be alarmed': Mayor Breed addresses air quality in San Francisco](#)

09/09/2020 [Bay Area Spare the Air Alert to last through Friday](#)

09/09/2020 [Smoke-Choked Skies Cast Eerie Dark Orange Glow Over Bay Area As Wildfire Ash Falls From Above](#)

09/09/2020 [Contra Costa County Hit Hard by 'Orangey Glow'](#)

09/09/2020 [Distant fires, foothills ash create air quality issues in Solano](#)

09/09/2020 ['Complete smoke-out' in Bay Area darkens the daytime](#)

09/09/2020 [The science behind the orange, 'Martian' sky looming over Napa](#)

09/09/2020 [Spare The Air Alerts In Effect Until At Least Friday Night](#)

09/09/2020 [It's not the end of the world, despite appearances to the contrary in Berkeley](#)

09/09/2020 ['It's kind of like nuclear winter': Unprecedented smoke layer darkens Bay Area skies as West Coast burns](#)

09/09/2020 [Why the sky is orange today](#)

09/09/2020 [Smoke turns sky red and orange](#)

09/09/2020 [Spare The Air Alerts In Effect Through At Least Friday](#)

09/09/2020 [Is it safe to go outside under the Bay Area's dark orange sky? And how long will it last?](#)

09/09/2020 [Health concerns over longterm exposure to declining air quality](#)

09/09/2020 [Smoke From Fires Turns Bay Area Skies Red And Orange Wednesday](#)

09/09/2020 [Why the Bay Area sky has a yellow glow but it doesn't smell like smoke](#)

09/09/2020 ['Apocalypse on their mind': Bay Area transfixed by foreboding, orange, smoke-choked skies](#)

09/08/2020 [Is it Safe to Go Outdoors?](#)

09/08/2020 [Is This the Bayview's Big Park Moment?](#)

09/08/2020 [New Record: 23 consecutive Spare the Air Alerts worry Bay Area officials](#)

09/08/2020 [Under hazy, yellow sky, Bay Area sets record with 22nd consecutive Spare the Air day](#)

09/08/2020 [Wildfire smoke darkens North Bay skies and extends region's record run of foul air](#)

09/08/2020 [Smog, state's wildfires combine as Bay Area air pollution alert sets new consecutive days records](#)

09/08/2020 [Why isn't Berkeley air quality impacted by red, smoky skies today?](#)

09/08/2020 [Fire danger to drop by Wednesday morning as winds quiet and temperatures drop](#)

09/07/2020 [Fire danger: PG&E shuts off power to some North Bay customers](#)

09/07/2020 [Spare the Air Alert extended through Wednesday](#)

09/07/2020 [Bay Area Spare the Air alert extended through Wednesday](#)

09/07/2020 [Record-Breaking Streak of Spare The Air Alerts Continues](#)

09/07/2020 [Some Visit Beaches to Cool Off Despite Smoky Air, Crowds](#)

09/07/2020 [Containment of Hennessey, LNU fires increases amid heat wave](#)

09/07/2020 [Spare the Air alert for Napa, Bay Area, extended through Wednesday](#)



09/07/2020 [Smog, smoke and heat push Spare-The-Air alert for Bay Area through Wednesday](#)

09/07/2020 [Smog, smoke and heat push Spare-the-Air alert for Bay Area through Wednesday](#)

09/06/2020 [Firefighters maintain gains against Hennessey, other fires as mercury rises](#)

09/06/2020 [Marin hike: How to be outdoors when there's a bad air day](#)

09/06/2020 [San Francisco hits 100 degrees, shatters same-day record](#)

09/06/2020 [Heat wave forecast: How high will Bay Area temperatures go?](#)

09/05/2020 [Bay Area Spare the Air Alert extended through Labor Day](#)

09/05/2020 [Spare the Air alert extended through for Labor Day](#)

09/05/2020 [Bay Area Spare The Air Alerts Extended Through Labor Day; Poor Air Quality Enters 3rd Straight Week](#)

09/05/2020 [Bay Area Braces For Holiday Weekend Heat Wave, Call For Power Conservation](#)

09/05/2020 [Record Run of Spare the Air Alerts Extended Through Labor Day](#)

09/05/2020 [Officials Issue Spare The Air Alerts Through Labor Day](#)

09/02/2020 [West Marin fire 41% contained as firefighters continue push](#)

09/02/2020 [Smoke could linger over Bay Area for months, even after fires are contained](#)

09/01/2020 [Bay Area Breaks Spare The Air Alert Record at 15 Consecutive Days](#)

09/01/2020 [Bay Area hits record for consecutive Spare the Air Alerts due to wildfire smoke](#)

09/01/2020 [Smoky Bay Area Air Prompts Record 15th Straight Spare The Air Alert](#)

09/01/2020 [Point Reyes fire crews protect Miwok cultural site](#)

09/01/2020 [Streak of Spare the Air alerts continues into Thursday](#)

09/01/2020 [Spare The Air Alerts Issued Through Thursday](#)

09/01/2020 [Bay Area hits record for consecutive Spare the Air Alerts due to wildfire smoke](#)

09/01/2020 [Heat wave to hit Bay Area over Labor Day weekend, adding to fire and air quality concerns](#)

08/31/2020 [Bad air quality streak to end Wednesday after nearly 20 days of Spare the Air alerts in Bay Area](#)

08/31/2020 [Bad air quality streak to end Wednesday after nearly 20 days of Spare the Air alerts in Bay Area](#)

08/31/2020 [Lack of grazing, prescribed burns adds fuel to California's wildfires, say experts and stakeholders](#)

08/31/2020 [Smoke from 2 megafires fouls North Bay air, with no immediate relief expected](#)

08/31/2020 [Marin's 'nasty' fire smoke not leaving anytime soon](#)

08/31/2020 [Hot weather expected to complicate crews' fight to contain Bay Area wildfires](#)

08/31/2020 [Bay Area air-quality forecast for the week ahead](#)

08/31/2020 [Spare the Air advisory extended through Tuesday](#)

08/31/2020 [Air district extends Spare the Air alert through Tuesday](#)

08/30/2020 [Spare the Air Alert extended through Tuesday](#)

08/30/2020 [Lingering Smoke Prompts Bay Area Spare the Air Alert Through Tuesday](#)

08/30/2020 [Spare the Air alert extended through Tuesday](#)

08/30/2020 [Spare the Air alert extended through Tuesday](#)

08/30/2020 [Spare The Air Advisory Extended Through Tuesday](#)

08/30/2020 [NASA satellite images show impact of California wildfire smoke across state and US](#)

08/29/2020 [Poor air quality continues in Bay Area](#)

08/29/2020 [Firefighters ‘cautiously optimistic’ in battles against huge Northern California blazes](#)

08/29/2020 [Lower temperatures, decreasing winds this weekend are good news for firefighters](#)

08/28/2020 [CZU Lightning Complex: Thick Layer Of Smoke Drifts Over Bay Area: Air Quality At Hazardous Levels](#)

08/28/2020 [Unhealthy Air From Wildfire Smoke Blankets Much of Bay Area](#)

08/28/2020 [Wildfire smoke continues to affect air quality, Spare-the-Air alert extended to Sunday](#)

08/28/2020 [In parts of the Bay Area, the smoke is really bad again](#)

08/28/2020 [Officials expect poor Bay Area air quality to persist through weekend](#)

08/28/2020 [Air quality worsens in parts of Bay Area — what’s the weekend weather outlook?](#)

08/27/2020 [Judge Advances Lawsuits Challenging Bay Area City Coal Ban](#)

08/27/2020 [Spare the Air Alerts Extended Through Sunday](#)

08/27/2020 [Spare the Air Alerts Extended Through Sunday Due to Wildfire Smoke](#)

08/27/2020 [Spare the Air alert is extended, even as Bay Area skies become less hazy](#)

08/27/2020 [Bay Area air regulatory agency's oversight, enforcement challenged in new report](#)

08/27/2020 [Spare The Air Alerts Extended Through Sunday](#)

08/27/2020 [Air pollution alert extended until Sunday in the Bay](#)

08/27/2020 [Spare the Air Alerts Extended Through Sunday Due to Wildfire Smoke](#)

08/26/2020 [Update: Continued progress with Napa area wildfires; more evacuations may be lifted](#)

08/26/2020 [Spare the Air alert extended in Sonoma County through Friday but air quality improves Wednesday](#)

08/26/2020 [New Contra Costa health order allows more outdoor activities for businesses](#)

08/26/2020 [Marine layer finally making it safer for most Bay Area residents to breathe](#)

08/26/2020 [What's that weird smell in Bay Area today? Here's what we know](#)

08/26/2020 [When is it OK to go outside if it’s smoky in the Bay Area? How to assess your air quality risk](#)

08/26/2020 [Bay Area breathing easier as breezes help clear wildfire smoke — ‘at least temporarily’](#)

08/25/2020 [County-by-county Bay Area air pollution during the lockdown](#)

08/25/2020 [Bay Area Spare the Air Alert extended through Friday amid wildfire smoke](#)

08/25/2020 [Spare the Air alert extended as smoky conditions linger across Bay Area](#)

08/25/2020 [Spare The Air Alert Extended Through Friday Due To Wildfire Smoke](#)

08/25/2020 [When Will the Smoke Clear in the Bay Area? California Fires Cause 'Hazardous' Air Quality](#)

08/25/2020 [Update: Cal Fire gains ground on Napa wildfire; more evacuations lifted](#)

08/25/2020 [Tuesday updates: National Guard sends 250 soldiers to Sonoma, Lake and Napa counties](#)

08/25/2020 [Spare The Air Alerts Extended Through Friday Due To Wildfire Smoke](#)

08/25/2020 [For Bay Area residents, relief from the CZU, SCU and LNU Complex wildfire smoke may finally be in motion](#)

08/25/2020 [Officials to Bay Area Diners: ‘Remain Indoors With Windows and Doors Sealed’](#)

08/25/2020 [Why air quality dramatically deteriorated in S.F. Tuesday](#)

08/25/2020 [Spare The Air Alerts Extended Thru Friday Due To Wildfire Smoke](#)



08/25/2020 [After a brief break, air quality again at unhealthy levels in East Bay and Peninsula](#)

08/25/2020 [Masks? Fans? Fresheners? Do's and don'ts of dealing with smoky air in your Bay Area home and car](#)

08/25/2020 [‘Hours and hours of sweat and blood’: Firefighters beat back flames, with weather finally cooperating](#)

08/24/2020 [Interview: Erin DeMerritt On The North Bay’s Air Quality](#)

08/24/2020 [Bay Area Air Quality Management District offers tips to stay safe amid smoky air conditions](#)

08/24/2020 [Port of Oakland hybrid electric cranes deliver emissions savings](#)

08/24/2020 [Where's Napa's bad air coming from?](#)

08/24/2020 [Weather conditions aid firefight but diminish air quality for Sonoma County residents](#)

08/24/2020 [Lightning threat fizzles, but the smoke continues to choke](#)

08/24/2020 [‘Living in a mega-fire era’: Bay Area firefighters take advantage of better weather](#)

08/24/2020 [Air Pollution Worsens COVID-19, but Bay Area Emissions Limits Are Unchanged](#)

08/24/2020 [AQI rose above 300 in far East Bay yesterday, could happen again today](#)

08/24/2020 [Weekend lightning spares Bay Area, but destruction from ‘megafires’ continues](#)

08/24/2020 [‘It's like we're living on Mars’: Air pollution chokes Bay Area skies, increasing COVID-19 concerns](#)

08/24/2020 [Bay Area air quality unhealthy in North Bay, East Bay, San Jose](#)

08/24/2020 [Pall of hazy smoke from wildfires settles over Solano](#)

08/24/2020 [Spare the Air alerts issued through Wednesday due to wildfire smoke](#)

08/23/2020 [Spare the Air alert issued through Wednesday](#)

08/23/2020 [Smoke settles over Solano; officials report no new fires in county](#)

08/23/2020 [Air pollution warnings extend through Wednesday](#)

08/23/2020 [Update: Wildfire smoke creeps into daily Napa life](#)

08/23/2020 [Bay Area weather: Red flag warning and unhealthy air as forecasters warn of lightning, winds](#)

08/23/2020 [Part of the Bay Area sees 'hazardous' air quality as wildfires rage](#)

08/23/2020 [Air quality in East Bay hits ‘hazardous’ level from wildfire smoke](#)

08/22/2020 [Impoverished SF Communities Get New Air Quality Sensors — Just in Time for Smoke-Clogged Skies](#)

08/22/2020 [Bay Area Spare the Air Alert extended through Wednesday due to wildfires](#)

08/22/2020 [Update: Wildfires spread to 325,000 acres in Napa County and North Bay; lightning to heighten fire risk](#)

08/22/2020 [Spare the Air alert extended through Wednesday amid North Bay wildfires](#)

08/22/2020 [Point Reyes fire spread feared; two Marin firefighters rescued](#)

08/22/2020 [Bay Area air quality forecast: Dismal and worse](#)

08/22/2020 [Spare The Air Days Issued Through Wednesday](#)

08/22/2020 [Bay Area fire danger: red flag warning in effect Sunday and Monday, dry lightning possible](#)

08/18/2020 [Vacaville to keep McBride center open through Friday as temps, smoke rise](#)

08/17/2020 [Smoke from Napa County fires drifts across Solano](#)

08/17/2020 [Lightning Strikes Fire Across Northern California](#)

08/17/2020 [Air Quality Advisory for Wildfire Smoke Extended Through Tuesday](#)

08/17/2020 [Air quality advisory issued through Monday due to wildfires](#)

08/17/2020 [Storms bring extension of fire danger warning to Solano, beyond](#)

08/16/2020 [Bay Area Air Quality Management District Issues Advisory Through Monday Due To Smoke](#)

08/16/2020 [Air Quality Advisory issued as crews battle several fires across Bay Area](#)

08/16/2020 [Air Quality Advisory Issued Through Monday Due to Wildfires](#)

08/16/2020 [Weather service extends fire danger warning across Solano, region](#)

08/16/2020 [Fires rage through drought-ridden Bay Area as residents brace for more lightning, extreme heat](#)

08/16/2020 [Air Quality Advisory Issued Through Monday Due To Wildfires](#)

08/16/2020 [Lightning sparks multiple fires in Bay Area, Santa Cruz mountains](#)

08/16/2020 [Wild Bay Area weather expected to continue overnight Sunday with lightning, gusty winds and fires](#)

08/15/2020 [Triple-digit temperatures forecast for 6-day heat wave in Sonoma County](#)

08/14/2020 [Smoke From Flaring at Chevron's Richmond Refinery Seen From Across the Bay](#)

08/14/2020 [Flaring At Richmond Chevron Refinery Triggers Community Alert](#)

08/14/2020 [Chevron Refinery Flaring Sends Smoke Over East Bay](#)

08/14/2020 [Flaring at Chevron Richmond refinery sends black smoke above Bay Area](#)

08/14/2020 [Spare the Air alert issued for Friday](#)

08/14/2020 [Phillips' Rodeo Refinery To Transition To Renewable Fuel Production](#)

08/13/2020 [Heat Wave: Triple Digit Temperatures Expected](#)

08/13/2020 [Napa Valley preparing for triple-digit temperatures, hot nights and bad air](#)

08/13/2020 [Robust heat wave hits Marin, Bay Area](#)

08/13/2020 [Spare the Air Alert Issued for Friday](#)

08/13/2020 [Spare The Air Alert Issued For Friday In The Bay Area](#)

08/13/2020 [Excessive heat this weekend; Spare the Air day Friday](#)

08/13/2020 [Spare The Air Alert Issued For Friday](#)

08/12/2020 [Phillips 66 Plans to Transform San Francisco Refinery into World's Largest Renewable Fuels Plant](#)

08/12/2020 [Phillips 66 Refinery to Improve Clean Energy Production](#)

08/03/2020 [Shutdown of Marathon's Martinez Refinery Prompts Calls for 'Just Transition' for Oil Workers](#)

07/31/2020 [Napa Climate Action Committee searching for its identity](#)

07/30/2020 [Oakland air quality reaches 'unhealthy' levels after SF blaze](#)

07/29/2020 ['The whole building is gone:' 75-year-old family business destroyed in 5-alarm San Francisco fire](#)

07/29/2020 [Smoke is soaring! Jinshan Level 5 fire hit 6 commercial buildings](#)

07/28/2020 [Air district issues pollution advisory for smoke from San Francisco building fire](#)

07/28/2020 [Smoke from SF building fire spreads into East Bay](#)

07/28/2020 [Multi-Building Fire in SF Prompts Air Quality Advisory](#)

07/28/2020 [Air Quality Officials Issue Alert For Smoky Haze From 5-Alarm San Francisco Blaze](#)

07/28/2020 [Massive 5-Alarm Blaze in SoMa Burns 6 Buildings, Injures SF Firefighter](#)

07/21/2020 [Hazy skies persist across Bay Area due to smoke from Fresno County wildfire](#)

07/20/2020 [Bay Area Air Quality Management District Extends Air Quality Advisory](#)

07/20/2020 [Air Quality Advisory extended for parts of Bay Area](#)

07/20/2020 [Bay Area air quality advisory in effect due to wildfire](#)

07/20/2020 [Bay Area Air Quality Advisory Extended Over Wildfires, New NorCal Fire Adds To Hazy Skies](#)

07/20/2020 [Air Quality Advisory for Wildfire Smoke Extended Through Monday](#)

07/20/2020 [Smoke from Fresno County wildfire still drifts into Bay Area](#)

07/19/2020 [Bay Area Air Quality Advisory Extended Through Sunday](#)

07/19/2020 [Smoke from Fresno County wildfire continues drift into Bay Area](#)

07/19/2020 [Bay Area air quality advisory extended due to wildfire smoke](#)

07/19/2020 [Air Quality Advisory For Wildfire Smoke Extended Through Monday](#)

07/19/2020 [Smoke from Fresno County wildfire prompts extension of Bay Area air quality advisory](#)

07/18/2020 [Air Quality Advisory extended in Bay Area due to thick smoke from Fresno County fire](#)

07/18/2020 [Smoke From Massive Mineral Fire Continues To Drift Over San Francisco Bay Area](#)

07/18/2020 [Air district asks employers to 'cut the commute' by expanding remote work options](#)

07/18/2020 [Air Quality Advisory Extended Through Sunday](#)

07/17/2020 [Mineral Fire Containment At 30%; Bay Area Air Quality Advisory Extended](#)

07/16/2020 [Air District Asks Employers To Expand Remote Work Options](#)

07/16/2020 [Smoke From Mineral, Coyote Fires In Central California Leading To Hazy Bay Area Skies](#)

07/16/2020 [Air district asks employers to 'cut the commute' by expanding remote work options](#)

07/16/2020 [Agency extends air quality advisory for Fairfield, Vallejo due to Fresno County fire](#)

07/16/2020 [Smoke drifts into Bay Area: Where is it coming from?](#)

07/15/2020 [The future of work amid COVID-19; employers adapt to new normal amid pandemic](#)

07/15/2020 [Smoke From Fresno County's Massive Mineral Fire Drifting Over San Francisco Bay Area](#)

07/15/2020 [Fresno County fire sends smoke into Bay Area skies](#)

07/15/2020 [Smoke from Fresno County wildfire to drift into Bay Area region](#)

07/14/2020 [Air District Asks Employers To Extend Work From Home With 'Cut The Commute Pledge'](#)

07/14/2020 [Air District Asks Employers to Expand Remote Work Options](#)

07/14/2020 [Air district asks employers to 'cut the commute' by expanding remote work options](#)

07/14/2020 ['Cut The Commute' Pushes Silicon Valley Companies To Allow More Employees To Work From Home](#)

07/14/2020 [Air district wants Bay Area employers to extend telework options](#)

07/13/2020 [Silicon Valley leaders want employees to mostly work from home](#)

07/13/2020 [Bay Area Air Regulators Call on Companies to Extend Remote Work Options Post-Pandemic](#)

07/13/2020 [Bay Area Air Quality Management call on employers to rethink business models, citing benefits to working remotely](#)

07/13/2020 [Air district asks employers to expand remote working options](#)  
07/13/2020 [Air District Asks Employers To Expand Remote Work Options](#)  
07/11/2020 [Bay Area Air Quality Management District asks employers to "cut the commute"](#)  
07/11/2020 [Bay Area Air Quality Board Asks Employers to 'Cut the Commute'](#)  
07/06/2020 [Hundreds of fireworks occurred in the Bay Area on National Day](#)  
07/06/2020 [Trump officials put California's air quality at risk, just in time for wildfire season](#)  
07/06/2020 [Air Quality Advisory extended for parts of Bay Area through Tuesday](#)  
07/05/2020 [Morgan Hill: Large fire near Anderson Reservoir nears containment](#)  
07/05/2020 [Park Fire near Morgan Hill grows to 343 acres, evacuations ordered](#)  
07/05/2020 [Progress of Park Fire stopped as new wildfire breaks out near Gilroy](#)  
07/04/2020 [Bay Area air district asks residents not to light fireworks](#)  
07/02/2020 [Agriculture burn season opens in Bay Area air quality district](#)  
06/30/2020 [Covid-19 Fears Spur More Cars on Roads, Threatening Air Quality](#)

## Press Releases

09/28/2020 [Spare the Air Alert extended through Friday](#)  
09/27/2020 [Spare the Air Alert extended through Monday](#)  
09/26/2020 [Air District issues Spare the Air Alert for Sunday](#)  
09/25/2020 [Air quality advisory for wildfire smoke extended through Saturday](#)  
09/24/2020 [Air quality advisory for wildfire smoke for Friday](#)  
09/20/2020 [Air quality advisory for wildfire smoke through Monday](#)  
09/18/2020 [Air District issues Spare the Air Alert for Saturday](#)  
09/17/2020 [Air quality advisory for wildfire smoke through Friday](#)  
09/16/2020 [Air District and Richmond-San Pablo community members release first-of-its-kind air monitoring plan](#)  
09/14/2020 [Air District extends Spare the Air Alert for smoke through Wednesday](#)  
09/11/2020 [Air District extends Spare the Air Alert for smoke through Monday](#)  
09/09/2020 [Air District extends Spare the Air Alert for smoke through Friday](#)  
09/07/2020 [Air District extends Spare the Air Alert for smog & smoke through Wednesday](#)  
09/05/2020 [Air District extends Spare the Air Alert through Labor Day](#)  
09/03/2020 [Air District extends Spare the Air Alert through Saturday](#)  
09/01/2020 [Air District extends Spare the Air Alert through Thursday](#)  
08/30/2020 [Air District extends Spare the Air Alert through Tuesday](#)  
08/27/2020 [Air District extends Spare the Air Alert through Sunday](#)  
08/25/2020 [Air District extends Spare the Air Alert through Friday](#)  
08/22/2020 [Air District extends Spare the Air Alert through Wednesday](#)  
08/19/2020 [Air District extends Spare the Air Alert through Sunday](#)  
08/18/2020 [Air District issues Spare the Air Alerts through Wednesday](#)  
08/17/2020 [Air quality advisory for wildfire smoke extended through Tuesday](#)  
08/16/2020 [Air quality advisory for wildfire smoke](#)  
08/13/2020 [Bay Area Air District condemns Trump Administration rollback of methane rule](#)  
08/13/2020 [Air District issues Spare the Air Alert for smog](#)  
07/28/2020 [Air quality advisory for smoke from San Francisco building fire](#)  
07/21/2020 [Air District funds its first loan guarantee for zero-emission ferry](#)  
07/21/2020 [Air quality advisory for wildfire smoke extended through Wednesday](#)

07/20/2020 [Air quality advisory for wildfire smoke extended through Tuesday](#)  
07/19/2020 [Air quality advisory for wildfire smoke extended through Monday](#)  
07/18/2020 [Air quality advisory for smoke from Mineral Fire extended through Sunday](#)  
07/17/2020 [Air quality advisory for smoke from Mineral Fire extended through Saturday](#)  
07/15/2020 [Air quality advisory for smoke from Mineral Fire extended through Friday](#)  
07/14/2020 [Air quality advisory for smoke from Mineral Fire on Wednesday](#)  
07/13/2020 [Air District asks employers to expand remote work options](#)  
07/10/2020 [Air District to ask employers to Cut the Commute](#)  
07/07/2020 [Air quality advisory for smoke in the far South Bay extended through Wednesday](#)  
07/06/2020 [Air quality advisory for smoke in the far South Bay extended through Tuesday](#)  
07/05/2020 [Air quality advisory for smoke in the far South Bay through Monday](#)  
07/03/2020 [Air District asks residents to not light personal fireworks this Fourth of July](#)  
07/01/2020 [Permissive burn period begins for range management fires](#)

## **Public Inquiries**

Phone: 342 public calls

## **Events**

- Participation in most events has been cancelled in the wake of COVID-19. Some participation in digital events and specially requested Spare the Air presentations.
  - Silicon Valley Bicycle Coalition Virtual Bike Summit: August 6, 2020 – August 7, 2020
  - Los Gatos Rotary Club presentation: August 18, 2020
  - Healthy Living Festival Virtual Event: September 17, 2020
  - UU Fellowship of Sunnyvale presentation: September 17, 2020
  - SF Transit Riders Transit Week: September 21, 2020 – September 25, 2020
  - Air District presentation for *Created Wonderfully*: September 23, 2020 (virtual)

## Spare the Air

- Advertising
  - Summer media buy
    - All bookings have been confirmed for the summer media buy.
    - Summer media buy slated to begin week of July 6, 2020.
      - Spare the Air ads started running week of July 6, 2020 on Comcast On Demand/streaming platforms, OTT/CTV and targeted digital video.
  - Facebook advertising
    - All Facebook advertising paused for the month of July 2020.
    - Resuming Facebook advertising for August 2020.
    - Social media ads paused starting week of August 28, 2020, until wildfire smoke impacts have decreased.
      - Other Spare the Air ad placements are continuing to run as scheduled.
  - Staff reviewing recommendations for additional advertising, media relations and Employer Program efforts to further promote the employer pledge and Spare the Air messaging within more Bay Area communities.
  - Winter media buy
    - Staff developing the media buy strategy for the upcoming winter season.
- Creative
  - Completed development of new Spare the Air television ads.
    - Translated on-screen text/supers for Spanish spot.
    - Received and incorporated recorded voiceovers.
    - Staff approved the updated English (:15 and :30) and Spanish (:30) spots.
    - Will coordinate with creative team to prep final files for media buy.
    - Received translated spots from Crossings TV in Cantonese, Mandarin, Tagalog and Vietnamese.
      - Spots ran on Crossings TV (all four languages) and KTSF (Cantonese/Mandarin).
    - End cards on English and Spanish spots were updated to incorporate tagline.
      - Sent updated spots to all outlets to swap out and begin running.
  - Staff participated in a conference call with Prozio on July 16, 2020, to review campaign/ad feedback from the Board.
    - Discussed potentially augmenting advertising, media relations and employer program efforts to further promote the pledge and promote Spare the Air messaging within additional Bay Area communities.
    - Prozio to provide recommendations week of July 20, 2020.
  - 2020-2021 Winter Creative
    - Staff coordinating with creative team on the development of new winter creative for the 2020-21 season.
    - Initial concepts will be ready for review week of September 14, 2020.

- Initial review of winter season advertising creatives complete; staff chose a concept to develop and test.
  - Will set meeting with Executives to review video comp.
  - Testing ad concepts
    - Staff reached out to True North Research regarding timeline and cost estimate for testing new winter season ad concepts.
    - Staff confirmed new winter season ad concept testing through True North Research.
    - Will coordinate development of survey questionnaire once initial concepts are reviewed.
- Media Relations
  - Op-eds
    - Op-ed piece about Particulate Matter (PM) standards published in San Francisco Chronicle on July 6, 2020.
    - Staff updating and drafting a remote work op-ed and wildfire op-ed to pitch for the upcoming fire season.
      - Remote Work op-ed
        - Prosio is following up with the San Jose Mercury News regarding the remote work op-ed.
          - Distributed on August 7, 2020 and followed up with editor on August 10, 2020 and August 13, 2020; awaiting response.
        - Prosio is continuing to follow up with the San Jose Mercury News regarding the remote work op-ed; editor has been non-responsive to date.
          - Will recommend other potential media outlets.
            - Staff researching alternative publications (Director Chavez already placed an op-ed in the Silicon Valley Business Journal).
        - No response from the San Jose Mercury News regarding placement of the remote work op-ed.
        - Staff to pursue another Silicon Valley publication.
      - Wildfire op-ed
        - Staff updating the angle/content for the wildfire op-ed piece.
          - Reached out to American Lung Association regarding a co-author; they will provide a recommendation.
        - Staff reviewing the updated wildfire op-ed piece.
  - Summer season PIO outreach
    - Initial PIO outreach content/e-blast for summer will be held for distribution until the employer pledge is live.
    - Summer season PIO outreach e-blast sent out on July 17, 2020.
      - Content focuses on remote work and includes references/website links to the new employer pledge.

- Tracking use of Spare the Air content provided to Bay Area Public Information Officers.
        - Tweet from Union City on August 3, 2020.
        - Newsletter article from Mill Valley on August 6, 2020.
    - Cut the Commute press conference
      - Staff preparing for press conference regarding telecommuting in Santa Clara County on July 13, 2020.
      - Staff distributed the media advisory for the Cut the Commute press conference and conducted follow-up pitching from July 10, 2020 – July 13, 2020.
    - Public affairs interview
      - Staff gathering dates for public affairs interview opportunities in August and September.
      - Staff coordinated public affairs interview with KEAR; reviewing disclosure forms.
    - Winter season campaign
      - Staff completed the winter season duty roster.
      - Staff met with Prosio on August 11, 2020 to discuss winter season campaign.
    - Spare the Air Alerts
      - Staff conducted media call downs for the August 14, 2020 Spare the Air Alert.
      - Staff conducted media call downs and follow-ups for issued and extended Spare the Air Alerts.
  - Social Media
    - All July Facebook advertising has been paused in response to the boycott.
    - July photo contest began on July 1, 2020 and ended on July 31, 2020.
    - Implementing new Alert graphics for all platforms.
    - Monthly social content
      - Staff editing August social content.
      - Staff drafting September social content.
        - Adjusting September content as conditions change.
      - Staff drafting October content.
        - October content includes Acterra's *The Invisible Vegan* film and California Clean Air Day info.
  - 2019-2020 Employer Program
    - Employer Program Website
      - Employer Program website updated with new images and content.
    - 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 mocking up all pieces of the new remote work tool kit.
      - Staff drafted a one-pager on the benefits of remote work; to develop a secondary version for elected officials.



- Staff reviewing the design/layout of the new remote work toolkit contents, including PDF mock-ups of each page and Word docs with content.
- Employer Program Database
  - Staff researching and updating contact information in the employer database.
  - Staff drafted copy for news release distribution through the Employer Program member database
    - Distributed two current news releases on August 21, 2020 and August 26, 2020.
    - Staff distributed another news release through the Employer Program member database.
  - Outreach to encourage signature of the Clean Air Day pledge through the Employer Program member database.
    - Staff distributed Clean Air Day pledge information and toolkit to Employer Program member database.
- Staff drafting introductory content for LinkedIn groups outreach.
  - Staff developing posting schedule.
  - Identifying other groups to engage with on LinkedIn.
- Sponsorship opportunity identified for the 2020 Best & Brightest event.

### **Spare the Air Social Media**

Staff and Prozio 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 11,384 (+1,810) on Facebook, increased to 14,800 (+1,146) on Twitter, increased to 1,543 (+357) on Instagram, and increased to 295 (+9) on Pinterest.

## Air District Social Media

Staff continues to run social posts daily including:

- Daily, two-day, and five-day air quality forecasts
- Air quality updates
- 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
- Owing 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
- Air quality advisory for Mineral & Hog fires
- Promotion of the Cut the Commute pledge
- Diesel Free by '33 webinar reminder
- Air quality advisory for Crews and Park fires
- Jack & Rod's San Francisco Chronicle op-ed
- Cindy Chavez's Silicon Valley Business Journal op-ed
- Live stream of the Cut the Commute press conference
- Call for employers to sign the Cut the Commute pledge
- Sonoma County EV rebates
- San Francisco Department of Environment's EV survey
- Air quality advisory for SF building fire
- Diesel replacement funding webinar announcement
- Clean Cars for All grantee highlight
- Silicon Valley Bike Summit reminder
- Air quality advisory for California wildfires
- Zero-emission ferry loan guarantee
- Diesel Free by '33 webinar announcement
- Reposted the Spare the Air commercial
- Richmond – San Pablo community perspectives
- Retweeted the Spare the Air ad and Alert
- Webinar announcement for diesel alternatives
- Health impacts of wildfire smoke video
- EPA indoor air quality webinar
- Trump methane rollback statement
- Chevron flare advisory
- Air quality advisory for wildfires
- Permitting process

- What to do during a wildfire video
- Resilient Schools Collaborative announcement
- City of Berkeley's Electric Mobility Roadmap
- Climate Tech Marketplace save the date
- Traffic before & after the shelter-in-place
- Remote Work Policy Clearinghouse
- Reposted the Spare the Air Alerts
- Wildfire safety and air quality data pages
- Daily meteorologist videos and smoke impact updates
- Health information from the California Smoke Blog
- Air quality advisory for wildfire smoke
- Shared CARB's wildfire preparedness graphics
- Climate Tech Marketplace exhibitor survey
- Air quality updates
- Daily meteorologist update videos
- The Invisible Vegan film and panel discussion with Acterra
- Telework webinar with 350 Bay Area
- Why skies turned orange and grey
- Spare the Air Alerts
- AirNow fire & smoke map
- Reshared California Clean Air Day post on air filters
- Air quality data FAQ
- American Lung Association tips on monitoring health during wildfires
- Brightline Defense air monitoring in AB 617 communities
- Daily meteorologist update videos
- *The Invisible Vegan* film promotion with Acterra
- Spare the Air Alerts
- Air quality advisory
- Brightline air quality monitoring in low-income SF communities
- National Drive Electric Week

In this quarter, Air District follower numbers increased to 4,860 (+1,053) on Facebook, increased to 15,100 (+5,814) on Twitter, increased to 1,965 (+382) on Instagram, and increased to 2,065 (+123) on LinkedIn.

## Other

- Videography
  - Wildfire preparedness videos
    - Second wildfire preparedness video complete.
    - Third wildfire video under review/edits.
  - Public Data Center tutorials on hold.
  - Climate Tech Finance video project under review.
  - Goodwill video awaiting changes from Strategic Incentives Division.
  - Staff gathered footage at the remote work press conference.

- Air quality complaints video
  - Making edits and adding recommenced b-roll to script.
  - Staff meeting with Compliance and Enforcement on July 30, 2020, to discuss air quality complaints script.
  - Production to begin on air quality complaints video(s) once talent is confirmed.
  - Final edits being applied to air quality complaints video(s).
  - Staff developing shot list and requesting actors/filming locations.
  - Working with Compliance and Enforcement on locations/actors for upcoming complaints videos.
  - Compliance and Enforcement complaints video shoot took place on September 29, 2020.
- Capturing drone footage with Compliance and Enforcement Division on July 22, 2020.
- Working with Meteorology and Measurements to produce daily smoke/air quality updates for web and social.
- Meeting to discuss West Oakland video project.
- Met with Diff Works to discuss series of Spare the Air videos in impacted communities.
- Staff Development
  - Communications and Strategic Incentives Division met to discuss highlights and timelines of grant programs to promote – meetings will be monthly moving forward.
  - Staff completed emergency response training.
  - Media training for staff.
    - Media training for Meteorology and Ambient Air Quality Analysis staff.
  - CAPIO and Ragan training ongoing.
    - Staff took CAPIO training on July 28, 2020: Writing Compelling Content in Plain Language.
  - Staff sitting in on Compliance and Enforcement inspector trainings.
- Spare the Air Brand Refresh
  - N13 working on final deliverables.
    - Final brand guide and assets received.
- 2019 Annual Report
  - Working on social promotion.
- 2020 Annual Report
  - Following up with managers about upcoming projects to document.
    - Possible projects to document:
      - Community Engagement and Policy grants community garden site visits.
      - Demo of drone for monitoring ship emissions.
      - Richmond monitoring van launch.
      - Wildfire b-roll.
      - Air filter delivery to Red Cross.

- Initial meeting with We the Creative on August 11, 2020.
- Planning photo/video shoots for:
  - Community Engagement and Policy Office community grants/urban farm site visit.
  - Air filter delivery to Red Cross.
  - Video/photo documentation of *Veggielution* urban farm/James Carey Smith grantee
    - Postponed until September 18, 2020 due to smoke.
    - Shot video/photos on September 18, 2020.
- Design direction meeting on September 3, 2020.
- Design comps presentation on October 1, 2020.
- Graphic Design Projects
  - Smoke impacts brochure for Compliance and Enforcement Division
    - Working with Compliance and Enforcement Division on latest edits.
    - Awaiting final approval from Environmental Indicators Project.
  - New Wood Burning Rule brochure
    - Design in progress.
    - English brochure delivered.
    - Working on translations and printable format.
      - Chinese and Spanish with printer.
      - Chinese and Spanish fact sheets complete.
      - Awaiting other translations.
      - Tagalog fact sheets in layout; other versions complete.
        - Tagalog fact sheet awaiting approval.
  - Working with Meteorology and Measurements on van decal design.
- Awards display for Executive/8<sup>th</sup> Floor
  - Site visit with Delphi on July 23, 2020.
  - Waiting for contract scope/cost schedule from Delphi.
  - Design in progress.
- Infographic for Information Services
  - Awaiting content.
  - Draft design with Blair.
  - Awaiting additional content.
  - Awaiting review.
  - Awaiting approval.
- Newsletter template for Legislative team complete.
- VW postcard complete.
- Climate Protection white paper awaiting content.
- Spare the Air Brand update
  - Reviewing icon designs.
  - Working with web team to resolve asset use/design issues.
  - Working with web team on final assets.
- Permit timeline graphic with Engineering for edits.

- 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 and coverage of Cut the Commute press conference.
- Sponsorships and Contracts
  - Mortarotti-Ramirez, We the Creative – complete.
  - Sharon Beals – working on amendment.
  - Finalizing League of Women Voters contract.
- Spare the Air app – Innoppl
  - Update with Android and iOS is ongoing.
    - Sent an update to test on staff phones.
    - Staff reviewing demo.
- Website
  - Cut the Commute Pledge, Spare the Air page – went live on July 13, 2020.
    - Staff posted the Cut the Commute Latest News, press release, links to and from Remote Work Clearinghouse page and Spare the Air employer page.
    - Updating the Employer Program website regarding Cut the Commute.
  - Remote Work Clearinghouse webpage
    - To be posted in Planning Climate Protection section.
    - Created Remote Work Clearinghouse home page rotating banner.
    - Remote work clearinghouse webpage was reorganized.
    - Home page banner graphic for Remote Work Clearinghouse page updated.
  - Employer Spare the Air page remote work updates.
    - Updating employerssparetheair.org site.
    - Remote Work Clearinghouse box item posted on Employer Spare the Air site.
  - Press releases
    - Translations posted for some previous releases.
    - Uploaded translated press releases for Cut the Commute and Zero-Emission Ferry.
  - Diesel Free by '33
    - Prepared and sent two e-blasts.
    - Added Latest News item for webinar.
  - Wood Burning Brochure
    - Posted English version.
    - Sent for translation.
      - Posted Chinese and Spanish translations.
  - Wildfire Safety page
    - To post the completed wildfire videos.
      - Wildfire videos were staged on the wildfire safety page.
      - Wildfire videos uploaded on Wildfire Safety Tips page.
    - Wildfire Safety page added AirNow Fire and Smoke map and Wildfire info page links.
  - Sparetheair.org

- Spare the Air ad posted on Spare the Air Video Library page.
    - Staff drafting text for remote work page on sparetheair.org.
    - Spare the Air video banner was posted on the Spare the Air home page.
    - Staff developing Spare the Air Alert unsubscribe instructions.
      - Spare the Air Alert unsubscribe instructions published.
  - Baaqmd.gov
    - Annual Air Pollution Summary
      - Finished quality assurance check.
      - Awaiting approval from Meteorology and Measurements to publish.
    - New map functionality for rolling out new forecast maps, etc. on website.
      - New map functionality for rolling out new forecast maps, etc. on website was quality-assured.
    - Web banners
      - Updated throughout week re: air quality advisory extension.
      - Staff updating Spare the Air web banner designs.
        - Discussion of Spare the Air web banners functionality and N13 design status – icons under review.
        - Sent translation materials for Spare the Air banners.
    - Staff worked with web team to develop estimate for translation costs of webpages.
    - PM Box Scores page reorganized to put annual readings table on top and explain outdated Winter Spare the Air season readings pushed down.
    - Homepage
      - Daily uploads of Meteorology and Measurements video updates to homepage.
      - Air quality data FAQs posted to homepage and wildfire safety page.
  - Wildfire Air Quality Response Program webpage published.
- RFPs/RFQs
  - RFP for Spare the Air app redesign
    - Review complete, staff to select winning firm.
    - Interviews with three prospective contractors on week of July 27, 2020.
    - Interviews were conducted and scored; finalist chosen.
  - RFP for Technology Implementation Office
    - Under review.
    - Staff to discuss who should be awarded contract.
  - Staff submitted RFP for smartphone application to admin for review.
- Administrative
  - Staff updating Meltwater media contact lists for Spare the Air Alerts.
  - 4900 Script – Working with Enforcement to have consistency between 4900, 5000 and 6000 phone trees.
  - Implementing Communications Plan for Reg 6, Rule 3 amendment promotion.
  - Translation funding estimate – staff counted Communications web activities/projects for past year and a half.

- 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.
  - Promoted California Clean Air Day, Bike to Wherever Day and National Drive Electric Week.
- Media
  - Podcast for PM/COVID health links with physicians.
  - League of Women Voters coordinated interview with Air District staff for article about diesel.
  - Working with Meteorology and Measurements to facilitate Meteorology videos.
- Publications
  - Air Currents
    - Staff preparing August 1, 2020, edition of Air Currents.
    - August 1, 2020, edition of Air Currents was distributed.

<p><b>PLANNING AND CLIMATE PROTECTION DIVISION</b>  <b>H. HILKEN, DIRECTOR</b></p>
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**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, Metropolitan Transportation Commission (MTC), Alameda County Transportation Commission (ACTC), Port of Oakland and Bay Area Regional Collaborative (BARC) to identify early opportunities for implementation, including identifying and pursuing grant funding for priority projects. Staff worked with the City of Oakland on funding requests to CARB and Caltrans for bike, pedestrian, transit, street tree and truck management projects, contributing to grant development efforts and providing support letters. 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, in cooperation with Ms. Margaret and Brian Beveridge of the West Oakland EIP, presented on the West Oakland Plan at the AWMA Conference, as well as at the Air District Board’s Community and Public Health Committee meeting on September 17, 2020. In addition, staff created a Google Map to identify standby and back-up generators to assist the development of a new SID grant program.



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 are 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 meetings 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 to coordinate AB 617 efforts. Staff work with CARB to 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.

### **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 third quarter of 2020, staff tracked 604 projects, reviewed 24 projects, responded to 30 Stationary Source Information Requests, responded to 21 technical assistance requests, and provided comment letters on the 11 following projects: California High Speed Rail Authority San Jose to Merced Project Section EIR/EIS; City of South San Francisco Southline Specific Plan NOP; City of Brentwood Bridle Gate Project EIR; City of Gilroy 2040 General Plan EIR; City of Santa Rosa Santa Rosa Farm Group Cannabis Cultivation Facility IS/MND; City of Santa Clara Memorex Data Center NOP; City of Santa Clara CoreSite SV9 Data Center MND; City of Millbrae 2020 Climate Action Plan IS/ND; Pacific General Plan Update and New Sharp Park Specific Plan NOP; and the City of San Jose Mark Residential Tower Project NOP; [City of Dublin Climate Action Plan 2030 and Beyond IS/ND](#).

Staff filed a CEQA Notice of Exemption with the State Clearinghouse and nine County Clerks within the Bay Area's jurisdiction for the Federal Emissions Statement certification adopted by the Air District Board on July 15, 2020.

Staff continued working on CEQA program improvements, including the launch of 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.

### **Air Quality Planning**

Staff prepared a State Implementation Plan submittal package to CARB for the Air District's Federal Emissions Statement certification adopted by the Board of Directors on July 15, 2020 and filed a CEQA Notice of Exemption with the State Clearinghouse and nine County Clerks within the Air District's jurisdiction.

Staff met with the City of Oakland and County Flood Control District Public Works to discuss the \$28M California Transformative Climate Community grant award (to East Oakland, which the Air District supported) and the continuing inter-agency coordination needs pertaining to green infrastructure implementation and stewardship.

Staff worked with MTC/ABAG staff on Blueprint strategies proposed to be included in Plan Bay Area 2050 (PBA), participated in various PBA meetings including the Regional Advisory Working Group and the Regional Equity Working Group, and participated in the MTC Planning Committee/ABAG Administrative Committee meeting regarding the Blueprint strategies.

Staff continue to work with AIM staff on the MTC/BAAQMD data collaboration pilot and developed a data repository guidance document. Staff continue working with MTC on Plan Bay Area 2050 and drafted a briefing memo providing a variety of near- and long-term actions that the Air District could take to both support and influence the plan.

Staff presented at the San Francisco Bay Area Planning and Urban Research Association's (SPUR) Vision 2022 Symposium, addressing priority infrastructure investments for transportation and urban greening among other sectors. Staff also presented at the SPUR symposium, *A Good Direction for Poor Air Quality*, which focused on air quality implications of shelter-in-place.

## **Climate Protection**

### **Climate Protection Grants**

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

- The City of Brisbane launched a web portal (<https://www.brisbaneca.org/bbep>) as part of its Commercial Building Efficiency Program, with tools and resources for participants and the public at large to implement energy efficiency upgrades.
- San Mateo County Community College District's grant project, "Reducing GHG Emissions Through Facilities-Focused Fellowships," completed this past quarter, supported training for 17 Climate Corps Fellows, and fully funded two Fellowships. Greenhouse gas (GHG) reduction projects implemented by the San Mateo Climate Corps program will ultimately reduce GHG emissions by approximately 3,400 tons annually.
- Under its grant, ABAG's Bay Area Regional Energy Network (BayREN) developed two Regional Incentive Guides for heat pump water heaters (HPWH), one for Contractors and one for Residents, available on BayREN's website (<https://www.bayren.org/electrification>). BayREN has provided a total of 20 HPWH trainings for local Building Department staff throughout the Bay Area. A recorded, on-demand version is also available on BayREN's website (<https://www.bayrencodes.org/services/trainings/>).

- San Jose has received and approved sixty-one heat pump water heater rebate applications to date, having completed thirty-eight projects totaling \$129,000 in rebates. The City is on track to meet its goal of distributing 20% of the rebate funds to low-income residents. The City has partnered with the group Mothers Out Front to provide eight virtual workshops (one in Spanish and one in Vietnamese) to promote the Climate Smart Challenge platform ([www.climatesmartsjchallenge.org](http://www.climatesmartsjchallenge.org)).

## **GHG Reduction Activities**

Staff continued work under the Air District's Building Decarbonization Program. Activities included launching, along with partner the Building Decarbonization Coalition (BDC), the Clean Building Compass (<http://www.buildingdecarb.org/local-government-clean-building-compass.html>) – a new online policy clearinghouse for local governments, with a wide variety of policy documents, reports, best practices and case studies on building decarbonization. Staff rolled out the website with a kick-off webinar in July, county-based trainings for local government staff, and a presentation at the Statewide Energy Efficiency Collaborative (SEEC) Annual Forum.

Staff presented on the Air District's Building Decarbonization Program at the Statewide Energy Efficiency Coalition (SEEC) webinar *Building Decarbonization Full Throttle: CPUC Updates and Regional Implementation*, and at the California Energy Commission's (CEC's) EPIC Annual Symposium, presenting *A Regional Approach to Decarbonizing the Built Environment: Critical Steps to Accelerate Change*. Staff participated in regular meetings with various groups, including BDC, the Bay Area Regional Energy Network (BayREN), BDC's Policy Briefings group, and funders of the *Switch Is On* statewide campaign to educate the public on building electrification which will launch in Fall 2020.

Staff launched work on the Power Resilient Schools project. The project team, led by KyotoUSA, is actively working with Terra Linda High School in San Rafael, Madison Park Academy (6-12) in East Oakland, and West Oakland Middle School to develop technology and financing plans for implementing resilient power systems (solar + battery + micro grids).

Staff worked with a number of agencies and stakeholders to explore alternatives to diesel-powered back-up generation. Staff participated and presented at a meeting to discuss alternatives to diesel back-up generators with staff from CARB, the CEC, the California Public Utilities Commission (CPUC), and South Coast AQMD. Staff participated in the CEC Conference Committee for the Great Oaks South data center project, providing public comment encouraging the CEC to consider alternatives to diesel back-up engines.

Staff worked with partner Acterra to provide a screening of the documentary “The Invisible Vegan” as the first installment of the climate friendly food webinar series, *Healthy Plate – Healthy Planet*. “The Invisible Vegan” is a full-length documentary that examines how the African American community can benefit from a plant-based lifestyle while still respecting cultural legacies. The screening included a moderated panel discussion with the filmmaker on topics including overcoming food deserts, empowering marginalized communities, and making healthier food choices. Climate staff worked with staff from the Office of Diversity, Equity and Inclusion to ensure the Air District’s climate and food program is relevant and useful to a wide range of diverse audiences in the Bay Area.

Staff implemented the three-part Diesel Free by ’33 Summer Webinar Series, including: “Do I Have to Go with Diesel? Technology Alternatives for Vehicles, Equipment, and Backup Generators,” “Funding to Replace Diesel: Fleets and Equipment,” and “Why replacing diesel is a public health priority.” Over 200 representatives of public agencies and private companies attended the webinar series (<https://dieselfree33.baaqmd.gov/news-and-events>). Staff also implemented a Fleet Owner/Manager Needs Assessment Survey, to glean information on diesel vehicle and equipment ownership and management in the Bay Area.

Staff continues to coordinate and lead a cross-divisional Organics Emissions Estimation team, including completing a Knowledge Assessment of air pollutants (such as methane and VOCs) emitted from facilities and sources within the landfill sector. Staff co-authored the manuscript, "Assessment of Regional Methane Emissions Inventories through Airborne Quantification in the San Francisco Bay Area," which was accepted for publication by the journal Environmental Science & Technology (ES&T).

Staff participated in multiple meetings supporting the development of Plan Bay Area 2050, including the Regional Advisory Working Group and Planning Committee meetings and two Plan Bay Area Draft Blueprint Workshops, one on Equity and one on Transportation and Environment.

Staff reviewed and provided feedback on climate action plan updates for the cities of Santa Clara and San Jose and for the first climate action plan for the City of Millbrae. Staff attended the monthly meeting of the San Mateo RICAPS (Regionally Integrated Climate Action Planning Suite) group. Staff met with CARB staff to discuss CARB’s climate work with local governments. Staff continued developing CEQA thresholds of significance for GHG emissions.

Staff participated in a variety of CAPCOA committees, including the Planning Managers Committee and the Public Safety Power Shutoff workgroup, and chaired 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 presented at the Air and Waste Management Association’s ACE 2020 virtual conference on *Methane Emissions Inventory of Major Sources in the San Francisco Bay Area of California Using a Tiered Measurement System*, and *A Pollutant-based Strategy for Mitigating Climate and Air Quality Pollutants*. Staff also coordinated the panel, *Accelerating Building Decarbonization in the San Francisco Bay Area*, with panelists from the Building Decarbonization Coalition, the City of Berkeley and StopWaste of Alameda County.

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

**Air Quality Modeling & Analysis**

Staff continued to support AB 617 efforts through technical work and coordination with other District divisions and with CARB. For the Richmond/San Pablo (R/SP) AB 617 community, staff helped develop a summary of data needs and task assignments for the community-scale technical assessment and updated the 2017 R/SP planning inventory. To support air quality modeling for R/SP, staff began developing detailed modeling emissions inputs for several sources, including on-road mobile sources, construction projects, restaurants, permitted facilities, and railyards.

In other AB 617-related work, staff post-processed black carbon (BC) concentrations for West Oakland predicted through regional air quality model applications and began comparing these data to ambient BC measurements collected during the 2017 100x100 study. Staff also reviewed the Port of Oakland Air Quality 2020 Plan and its use of data from the West Oakland Community Action Plan.

To support rule development activities, staff continued air quality modeling simulations for the Chevron and PBF refineries. For Chevron, staff completed an internal draft report documenting the modeling of fine particulate matter (PM<sub>2.5</sub>) using the California Puff Modeling (CALPUFF) and helped prepare a presentation that was given at the July 29 Stationary Source Committee meeting. Staff conducted further 2016-2018 dispersion modeling of the Chevron refinery for PM<sub>2.5</sub> emissions that would result from the installation of wet gas scrubbers (WGS) in the fluid catalytic cracking units (FCCU) and updated the modeling report with the simulation results.

For the PBF refinery, staff conducted PM<sub>2.5</sub> modeling for 2016-2018, developing facility emissions inputs and stack parameters for CALPUFF. Staff conducted simulations for PBF that included emissions from all sources, as well as uncontrolled and controlled emissions from the FCCU only. The results of the PBF simulations were postprocessed and reviewed, and modeling input preparation and initial findings were documented in a draft report.

Staff continued regional modeling efforts by analyzing the performance of the Weather Research and Forecasting Model (WRF) for base simulations conducted for 2016-2018. In other regional modeling work, staff responded to a request from Rule Development by estimating cancer risk for the Bay Area for 2016-2018 based on results from annual regional model simulations. Staff also provided gridded emissions data and model outputs from the regional model runs to the M&M Division for use in assessing air quality monitor placement in refinery communities.

Staff participated in meetings with the NASA Health and Air Quality Applied Science Team (HAQAST) and NASA's Disasters Program to discuss data related to wildfire impacts on air quality. Staff prepared responses to a public records request for information on the modeling data for a study of PM<sub>2.5</sub> from large industrial sources.

## **Emissions and Community Exposure Assessment**

Under AB 617 community assessment work, staff continued work developing a community-scale emissions inventory for the Richmond/San Pablo (R/SP) community: staff completed preliminary emissions estimates for commercial cooking and rail lines/rail yards, made progress collecting data for R/SP marine sources (ferries and cargo handling equipment), and also developed working steps for identifying R/SP permitted stationary sources and validating stack parameters. With the partnership contract fully executed, staff held discussions with MTC to review work scope, project logistics, and identify land parcel data elements potentially useful for the R/SP community assessment. Staff also participated conference calls with CARB and the California Department of Transportation (Caltrans) to discuss vehicle miles traveled (VMT) summary data and truck fleet information for improving community-level emissions estimation. Staff attended a webinar presented by researchers from UC Berkeley on black carbon modeling and measurements comparison in West Oakland. Staff completed a recorded presentation about local inventory for the West Oakland Community Action Plan for the upcoming 2020 The Year in Infrastructure Conference (sponsored by Bentley Systems). Staff also attended the webinar hosted by CARB on the adoption of the Ocean-Going Vessels At-Berth Regulation. Staff provided detailed comments and edits to a draft HRA Guidelines for Planners to support the Planning Division staff in performing CEQA project reviews; staff also continued discussions with the Engineering Division staff to address questions and comments on the Schnitzer Steel's CEQA documents.

Staff assembled, processed, and quality-checked throughput and emissions data to meet the 2019 emissions reporting requirement under the California Emission Inventory Development and Reporting System (CEIDARS); staff completed a draft CEIDRS2019 package and delivered to CARB. Staff also held discussions with CARB and continued working with the Engineering and My Air Online staff to compare data fields, identify milestone timelines, and strategize database development to meet the new Criteria and Toxic Emissions Reporting (CTR) regulation. Staff also completed a methodology document template and continued quality-checking and refining the District's base year emissions inventory. Staff addressed data request from the Planning Division by providing a pivot summary table with reporting years 2015 to 2018 greenhouse gas (GHG) emissions for permitted facilities and sources. Staff participated the District's Organic Emissions Estimates (OEE) workgroup meeting and discussed next steps to update the knowledge assessment document. Staff attended three remote workshops: (1) "Designing Healthier, More Sustainable Cities after COVID-19" organized by Environmental Defense Fund (EDF), Texas Transportation Institute (TTI), and Cornell University; (2) "Updates to EMFAC202x Model" hosted by CARB; and (3) "Proposed Amendments to the Air Toxics Hot Spots and CTR Regulation" presented by CARB.

**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 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 limit 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.
- (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 Best Available Retrofit Control Technology (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				<b>Board Hearing or SSC</b>
Rule 8-5: Organic Liquid Storage Tanks													BH: Q1 2021
Rule 8-8: Petroleum Wastewater Treating													SSC: Dec 2020
Rule 9-13: Portland Cement Manufacturing													SSC: Dec 2020
Rule 6-5: Refinery FCCUs & CO Boilers													BH: Dec 2020
Rule 8-18: Refinery Heavy Liquids Leaks													SSC: Dec 2020
Rule 9-14: Petroleum Coke Calcining Operations													SSC: Dec 2020

Following the adoption of the AB 617 BARCT Schedule, staff initiated the formation of a Refinery Rules Technical Working Group (TWG) comprised of refiners, 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 PM<sub>10</sub>, which includes both filterable and condensable particulate matter. The draft total PM<sub>10</sub> 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 PM<sub>10</sub> emissions by approximately 250 tons per year.

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 received 12 public comments from community members, environmental advocates, and industry stakeholders during the comment period, and is reviewing the comments for consideration during the further development of these amendments. Staff provided further information on the draft amendments and more stringent potential control options at a Board of Directors Stationary Source Committee meeting in July 2020 and in October 2020 to discuss the potential impacts of the repurposing of two refineries and the impacts of the COVID-19 Pandemic. Staff anticipates presenting proposed amendments for the Board of Directors consideration in December 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 first two quarters of 2020, staff has undertaken the drafting out the Community Health Protection Proposal to evaluate rules and source categories that have been identified as highly impactful to community health. Rules and programs evaluated include those listed above as well as rules identified in the AB 617 BARCT Schedule, the West Oakland CERP and the PM Strategy. These evaluations address new strategies or additional controls that may be able to be incorporated to further reduce emissions. Staff has completed individual rule evaluations and is currently conducting peer review of this document and developing summarized recommendations.

### **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 Particulate Matter 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. Staff presented information to the Advisory Council during a technical policy discussion in May 2020. The Advisory Council has accepted presentations from community and industry representatives at subsequent meetings and is continuing to deliberate on potential findings and recommendations.

## **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. Staff met with BACWA representatives again in May 2020 and are currently working to determine the best way to collaborate on data collection efforts.

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 and the document was sent for division director review in May 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. The attending audience asked a few questions. 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<sup>th</sup> 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. The revised version was posted on the Air District's web page and distributed to WSPA on September 4, 2020. Comments are due Monday, October 19, 2020. Staff anticipates a proposed rule will be presented to the Board of Directors for consideration by early December 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 events.

Rule 8-34 is currently being amended in two phases, envisioned to include 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.

Phase 1 will involve each element laid out above, to the furthest extent possible. Phase 2 will allow additional time to focus more on the last element: additional stringency measures informed by new and future research. Potential additional measures would rely on 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 aid rule development in addressing this. There is also potential to collaborate with industry and/or academia, as well as external entities.

In 2019, rule development staff 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 (once safely able to do so given the pandemic) to visit more of the 38+ landfills within the District. Staff is regularly collaborating with Air District Compliance & Enforcement landfill efforts to leverage their boots on the ground knowledge and experience.

Staff anticipates that the first phase of amendments will involve a public comment period in Q4 2020 for draft amendments, with proposed amendments presented to the Board of Directors for consideration in Q2 2021. Staff is currently preparing for early engagement with stakeholders on potential amendment concepts and topics.

### **Building Decarbonization**

Staff is assessing potential rule development efforts in support of the District's building decarbonization strategy. Staff drafted a memo for executive consideration including options for updates to Rules 9-4, 9-6 and 9-7 which was reviewed by the Deputy APCO in September of 2020. This memo includes description of introducing a zero or near-zero standard for nitrous oxides thereby encouraging large-scale electrification on the 7-10-year time scale. Staff is currently compiling requested data including that related to costs for potential presentation to the appropriate board committee. Following requested updates, the rulemaking strategy memo is planned to be sent for APCO and General Counsel review.

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 to reduce end-of-life F-gas emissions. 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**

- **Wednesday, August 5, 2020** – Staff attended the CARB AB 617 Consultation Meeting via Zoom.
- **Tuesday, July 28, 2020** – Staff met with colleagues from the Planning Division and South Coast Air Quality Management District to discuss best practices for AB 617 implementation, and resources/techniques for communicating technical information to community members.

#### **West Oakland AB 617**

- Staff continue to meet with our West Oakland Co-Leads (WOEIP) on a weekly basis to discuss next steps for implementation of the Community Action Plan and design the following month's Steering Committee meeting. Our Co-Leads meetings occurred on September 24, 2020 and October 10, 2020.
- **Week of September 14, 2020 and September 21, 2020** – Our regularly scheduled Subcommittee meetings occurred. Subcommittees discussed emission reduction partner strategies. All four subcommittees met.
- Staff and DIFF WORKS, LLC met several times to develop a story board for the CARB Annual Report video. Staff reviewed archived footage and transcripts with DIFF WORKS, LLC and introduced them to the Air District Communications team for future collaboration.

- **Wednesday, September 16, 2020** – The Transit/Bike/Walk Subcommittee met to discuss implementation strategies in preparation for the October Steering Committee meeting.
- **Tuesday, September 15, 2020** - The Health and Living Buffer Subcommittee met to discuss implementation strategies in preparation for the October Steering Committee meeting.
- **Wednesday, September 2, Owing Our Air Steering Committee Meeting** - Deputy Executive Officer, Veronica Eady introduced herself to the West Oakland Steering Committee and discussed her new role at the Air District. Our Subcommittee’s reported back regarding their latest work to prioritize strategies. Darlene Flynn from the City of Oakland led an implementation strategy equity analysis exercise. The third edition of West Oakland EIPs Oakland’s Very Own Speaker’s Series featured local youth activist Isha Clarke.
- **Subcommittee Meetings – Port & Freight and Land Use** - Subcommittee members discussed emission reduction strategies and used the racial equity training received during the August Steering Committee Meeting to evaluate each one.
- **Tuesday, August 18, 2020** - Two of our four subcommittees (Health & Living Buffer and Transit/Bike/Walk) met on August 18, 2020 and August 19, 2020, to discuss prioritization of implementation strategies using a racial equity outcome analysis.
- **Wednesday, August 5, 2020** - West Oakland EIP and Staff hosted the August AB 617 Steering Committee meeting. The meeting featured a training conducted by Darlene Flynn from the City of Oakland’s Office of Race and Equity. It also featured an urban forestry presentation from New Voices are Rising youth leadership.
- **Wednesday, July 29, 2020** – West Oakland AB 617 Transit/Bike/Walk subcommittee met to review emission reduction strategies.
- **Monday, July 27, 2020** – West Oakland AB 617 Land Use subcommittee met to review emission reduction strategies.
- **Tuesday July 21, 2020** - Staff, West Oakland Environmental Indicators Project and subcommittee co-chairs met with Darlene Flynn from the City of Oakland’s Race and Equity Office. The co-chairs informed her on the work they have done through 2020. Darlene Flynn will provide a lengthy training at the next Steering Committee meeting on August 5<sup>th</sup>
- **Wednesday, July 8, 2020** – Staff and West Oakland EIP hosted the July Owing Our Air Steering Committee Meeting. The meeting focused mostly on report backs from our Subcommittee Co-Chairs. Co-Chairs discussed prioritized emission reduction strategies. Staff from Compliance and Enforcement presented on the impacts of backyard burning in West Oakland. Materials are being developed to inform the communities and encourage prevention of back yard burning. The presentation elicited feedback from community members.
- 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.

## Richmond AB 617

- **September 29, 2020 – CERP Community Design Team Meeting #6** – The group of 10 CDT members and District staff met to finalize the CSC application and Conflict of Interest Form. The team then reviewed the timeline for getting to the Charter and CSC selection.
- **Wednesday, August 26, 2020** - Staff met with executive directors and staff from RYSE Youth Center and the Rose Foundation/New Voices Are Rising to discuss AB 617 youth engagement efforts in the Richmond/San Pablo area.
- Staff finished facilitating individual conversations with members of the Richmond/San Pablo CERP Community Design Team. The purpose of the conversations is to gain insight on what motivates the CDT members to stay involved and to solicit ideas on how to improve the process (e.g., communications, decision-making, etc). The CERP CDT 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.
- **Wednesday, July 29, 2020 – Last Air Monitoring Steering Committee Meeting** – Staff attended and participated in the 15<sup>th</sup> Community Air Monitoring Plan Steering Committee meeting via Zoom. The purpose of the meeting was to discuss the final draft monitoring plan and the process for moving into monitoring implementation. Steering Committee members reflected on the experience and toasted the work accomplished so far.
- **Beginning on July 8, 2020** – Staff facilitated individual conversations with members of the Richmond/San Pablo CERP Community Design Team. The purpose of the conversations is to gain insight on what motivates the CDT members to stay involved and to solicit ideas on how to improve the process (e.g., communications, decision-making, etc). The CERP CDT 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.

## Spare the Air Resource Teams

- **Friday, September 18, 2020 – Sonoma County Spare the Air Resource Team** – The Sonoma County Spare the Air Resource Team will meet via Zoom Friday, September 18, 2020 at 10:30 am. The team will discuss ongoing projects.
- **Thursday, September 17, 2020 – Contra Costa County Spare the Air Resource Team** –The Contra Costa County Spare the Air Resource Team will meet via Zoom on Thursday, September 17, 2020, at 10:30 am. The team will huddle up and discuss next steps for promoting their “**Make Takeout Idle Free**” campaign.
- **Wednesday, September 16, 2020 – Santa Clara County Spare the Air Resource Team** – The Santa Clara County Spare the Air Resource Team will meet online, September 16, 2020, at 10:00 am. The team will pick up where they left off on August 19, 2020, discussing ways to promote safe transit. VTA is interested in talking with them about their concerns about getting employees back on transit. At this meeting, the team will decide how to move forward with this.
- **Wednesday, September 16, 2020 – San Mateo County Spare the Air Resource Team** – the San Mateo County Spare the Air Resource Team will meet online at 1:00 pm on September 16, 2020. The team will pick up where they left off on August 19, 2020 discussing ways to promote safe transit.



- **Thursday, September 9, 2020 – San Francisco Spare the Air Resource Team** – On Thursday, September 10, 2020, 10:00 am – 11:00 am the SF Spare the Air Team joined a webinar with the Water Emergency Transportation Authority (WETA). Topics covered in the webinar included: 1) What is WETA? 2) What constitutes an emergency? 3) Who decides this? 4) What role do ferries, and other watercraft play in a major emergency? and 5) How can we help employees be better prepared for emergencies that impact transportation?
- **Wednesday, September 2, 2020 – Tri Valley Spare the Air Resource Team** – The Tri-Valley Spare the Air Resource Team met via Zoom on Wednesday, September 2, 2020, from 1:00 p.m. – 2:15 pm to discuss topics such as: September 24, 2020, Bike to Work Day and how the Team plans to distribute its promotional collateral for the event, how or if the Team will promote telework tools and resources, and how the Team will use the Best Workplaces memberships it purchased with last fiscal year ending budget.
- **Friday, August 21, 2020 – Sonoma County Spare the Air Resource Team** – The Sonoma County Spare the Air Resource Team via Zoom on Friday, August 21, 2020 at 10:30 am to brainstorm ideas for new projects the team can work on this year.
- **Wednesday, August 19, 2020 – Santa Clara County Spare the Air Resource Team** – The Santa Clara County Spare the Air Resource Team met on Wednesday, August 19, 2020, at 10:00 am via Zoom to brainstorm and talk about how the Spare the Air Team can help companies successfully navigate today’s choppy waters. Topics discussed included: telework and sustainability, bicycle commuting’s big moment, TDM emergency preparedness, and the employer TDM benchmarking survey report.
- **Wednesday, August 19, 2020 – San Mateo County Spare the Air Resource Team** – The San Mateo County Spare the Air Resource Team met via Zoom on August 19, 2020 at 1:00 p.m. to brainstorm ideas for new projects the team can work on this year.
- **Friday, August 14, 2020 – Napa Valley Clean Air Coalition** – The Napa Valley Clean Air Coalition met on Friday, August 14, 2029 at 12:00 p.m. via conference call to discuss plans for Bike to Work, Bike to Shop, and a proposal to host webinars about how drivers and cyclists can safely share the road.
- **Wednesday, August 5, 2020 – Tri-Valley Spare the Air Resource Team** –The Tri-Valley Spare the Air Resource Team met via conference call to meet the [Tri-Valley Air Quality Community Alliance](#) (TVAQCA) and learn about the work they are doing in the Tri-Valley region to understand local air quality problems, and to find local, long-term, sustainable mitigation strategies. The TVAQCA is a grant recipient of the Air District’s Community Health Protection Grant program.
- **Thursday, July 9, 2020 – Tri-Valley Spare the Air Resource Team** –The Tri-Valley Spare the Air Resource Team met via conference call with Julie Bond, Program Director for [Best Workplaces for Commuters](#), to discuss the [Telework Certificate Program](#) in detail before moving ahead with planning a webinar on telecommuting.

## 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.
- **Friday, September 25, 2020** - Staff made a brief presentation about the Air District to local science teachers participating in an air quality workshop convened by James Cary Smith grantee Green Ninja.
- **Friday, July 31, 2020** - Staff conducted a zoom meeting with Community Health Protection Grant Program Grantee All Positives Possible at 2:30 p.m. This virtual meeting was held in lieu of a written progress report and meant to offer time for dialogue between staff and the Grantee regarding successes and challenges of their funded project.
- **Wednesday, July 8, 2020** - Staff conducted a zoom meeting with Community Health Protection Grant Program Grantee Tri-Valley Nonprofit Alliance at 10:30 a.m. This virtual meeting was held in lieu of a written progress report and meant to offer time for dialogue between staff and the Grantee regarding successes and challenges of their funded project.
- **Wednesday, July 8, 2020** - Staff conducted a zoom meeting with Community Health Protection Grant Program Grantee La Clinica de la Raza at 1:30 p.m. This virtual meeting was held in lieu of a written progress report and meant to offer time for dialogue between staff and the Grantee regarding successes and challenges of their funded project.
- **Thursday, July 9, 2020** - Staff conducted a zoom meeting with Community Health Protection Grant Program Grantee Bayview Hunters Point Community Advocates at 1:00 p.m. This virtual meeting was held in lieu of a written progress report and meant to offer time for dialogue between staff and the Grantee regarding successes and challenges of their funded project.

## Community Meetings, Workshops and Site Visits

- **Tuesday, July 21, 2020** – Staff met with the Particulate Matter Community Design Team to discuss next steps in the PM reduction strategy, and the July 31, 2020, Advisory Council meeting.
- **Wednesday, July 15, 2020** - Staff presented an overview of the Air District to 18 high school students in the Rose Foundation’s New Voices Are Rising summer externship program. Staff and students discussed the work of the Community Engagement Section, environmental justice, influencers, and equitable ways in which the Air District aims to work with community members.
- **Tuesday, July 7, 2020** – Staff supported James Cary Smith grantee Sequoia Foundation by participating in a Zoom panel discussion for summer school students at San Leandro Unified School District to discuss air quality and social justice.

## Other

- **September 24, 2020** - Staff participated in a Visual Communications Tools training offered by the Contra Costa County Sustainability Exchange. Participants reviewed design principles, design applications, and resources.
- **September 29, 2020** – Staff held a meeting with members of the Particulate Matter Community Design Team to discuss Advisory Council meetings and strategies.
- **September 29, 2020** – Staff participated in part one of a two-part workshop offered by CompassPoint: Conflict Resolution with Power and Privilege in Mind. Participants discussed their default conflict resolution styles, identified white supremacy culture characteristics, and shared resources and tools.
- **September 16, 2020 – Kick-Off Meeting for the Air District’s Organics Recovery Technical Working Group** – Staff will assist the Rule Development Team as they convene industry representatives to solicit input for developing guidelines for Best Management Practices (BMP) to reduce emissions from facilities that process organic materials.
- **September 8, 2020 – September 11, 2020:** Staff attending the virtual IAP2 Public Participation Conference. Topics included participatory budgeting, trust brokering, holding brave conversations and much more.
- **September 1, 2020** - Staff gave a bilingual Zoom presentation to eleven community health workers from Community Health Protection grantee La Clinica in East Contra Costa County to provide an overview of the Air District and discuss air quality and air monitoring, regulations, and air quality improvement campaigns. The presentation was in Spanish and English.
- **August 28, 2020** – Staff participated in the Bay Area Climate Emergency Mobilization Task Force’s second virtual summit, focusing on an Environmentally Just and Regenerative Future. Topics covered include AB 617 implementation, how to advocate at the Air Districts, and community organizing around fossil fuel.
- **Green and Healthy Homes Initiative** – Along with colleagues from the Planning Division, Staff met with partners from Contra Costa Health Services, La Clinica de la Raza, and LifeLong Medical Care in Richmond to discuss the status of grants and project updates for this Contra Costa County pilot.
- **July 28, 2020 – Rule 12-18 Meeting with Benicia Stakeholders** – Staff attended a meeting with Benicia city officials, school district staff and board members as well as a representative from the local fire department to discuss placement of an air pollution monitor in Benicia. The school district is concerned with the location selected by Meteorology & Measurement. Community Engagement was brought in to help with future engagement to identify an alternative monitoring location in the Benicia area.
- **Refinery Engagement Strategy** - Staff has been surveying information from various fence-line community members to assess the plausibility of creating a new Refinery Engagement Strategy. Community members have expressed interest in learning more about refinery operations, existing and proposed policies to mitigate emissions in their communities. There is also interest in learning about the Air District Compliance and Enforcement procedures. A set of recommendations is forthcoming.

- Air Monitoring – Staff has been actively discussing with MM regarding placing an air pollution monitor in Benicia at a nearby elementary school yard. There have been a few political setbacks that is currently being reviewed by a team effort (including M&M, CE and Director Liz Yura).
- Refinery Engagement Strategy - Staff has been surveying information from various fence-line community members to assess the plausibility of creating a new Refinery Engagement Strategy/ working group. Community members have expressed interest in learning more about refinery operations, existing and proposed policies to mitigate emissions in their communities. There is also interest in learning about the Air District Compliance and Enforcement procedures. A set of recommendations is forthcoming.

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

In the third quarter of 2020, the Office of Diversity, Equity & Inclusion (DE&I Office) focused on six (6) functional areas; Board of Directors/Ad Hoc Committee on Equity, Access and Inclusion and outside agency 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 & Outside Agency Support**

In preparation for the Ad Hoc Committee on Equity, Access & Inclusion meetings in the third quarter, the DE&I Office supported development of the Committee agenda process and provided updates on the DE&I Office. Information about the Office included 2020 goals, as well as detailed information on the initial assessment conducted by a third-party contractor, ReadySet Consulting Inc., examining teamwide engagement to ascertain perceptions around racial equity, diversity, and inclusion at the executive, management and staff level at the Agency. In addition to the work with ReadySet Consulting Inc., the Office and the Human Resources Department presented to the Committee next steps with the Employee Engagement consultant, Illumyx.

During the third quarter, for the Board of Directors Ad Hoc Committee on Equity, Access and Inclusion, the DE&I Office drafted Resolution 2020-10, Reaffirming the Air District’s commitment to diversity, equity, access, and inclusion. In addition, the resolution included a formal apology to Dr. Henry Clark and acknowledging his service as a community leader in North Richmond, CA.

In August 2020, the DE&I Office was invited to present its framework and best practices to the South Coast Air Quality Management District’s Inclusion, Diversity, Equity Advisory (IDEA) Panel. Wayne Nastri established the IDEA Panel, Executive Officer at South Coast AQMD, to gather relevant information and develop ideas to promote a more inclusive, diverse and equitable workplace. South Coast AQMD does not have a DE&I Office. The IDEA Panel is in the research phase of starting a program and reaching out to learn more about the Air District’s DE&I Office. The IDEA Panel will present all its findings and recommendation to its Executive Council. Moving forward, the IDEA Panel has requested the Air District’s DE&I Office to be a resource as they look to expand their racial equity efforts. Approximately 40 panel members were on the

Zoom call from various departments throughout the agency. As a follow up, the DE&I Office provided the IDEA Panel with additional resource documents and invited the Panel to participate in the September 2020 speaker series with Jane Elliott.

In September 2020, the DE&I Office was invited to discuss, with the National Association of Clean Air Agencies (NACAA)'s Public Outreach Committee, on how the Air District has addressed racial justice and equity issues over the past several months. The presentation focused on the Air District's Board of Directors efforts relative to establishing the DE&I Office, the Ad Hoc Committee on Equity, Access and Inclusion and the Committees' charter, the hiring of the Deputy Executive Officer of Policy & Equity, the Board's adoption of resolution condemning racism and injustice and affirming its commitment to diversity, equity, and inclusion, as well as the Executive Officer issuance of a Black Lives Matter statement internally to staff condemning racism, discrimination, and police brutality and affirming the Air District's commitment to fighting for racial justice. The session ended with agencies identifying next steps that could be shared with other NACAA members.

### **Strategic Planning**

The DE&I Office participated in Implicit/Unconscious Bias courses administered by the CPS Training Center and the National Training Institute on Race and Equity (NTIRE) at Morehouse College. The National Training Institute on Race and Equity (NTIRE) at Morehouse will conduct a district-wide Implicit Bias workshop the week of January 11, 2021 – January 15, 2021.

In July 2020, the DE&I Office met with the Administrative Director at MTC to discuss Plan Bay Area 2050. The discussion centered on Plan Bay Area 2050 that focuses on four key issues—the economy, the environment, housing, and transportation. Building on the work of the Horizon initiative, the plan outlines 27 strategies for growth and investment. MTC and ABAG are expected to adopt Plan Bay Area 2050 in summer 2021. The discussion also included, affordable housing, transportation, GHG targets of 19% in the equity matrix used and how the plan address equity.

Meetings were held in July 2020 – August 2020 to discuss the initial results of ReadySet Consulting's findings and recommendations regarding equity practices at the District. Within their findings, ReadySet shared four themes for the agency to consider focusing on to strengthen the agency's culture. The Office shared with employees those themes and listed the Agency's strategic next steps including its phase 2-3 work relative to the survey results from the HR consultant illumyx.

In August 2020, the DE&I Office met with the Executive Officer, Senior Deputy Executive Officer for Policy & Equity, Chief Administration Officer, and the District's African American Resource Team (AART) to review AART's constructive list of recommended actionable items for the Air District to consider affecting the African American/Black community (internally and externally). AART is part of the DE&I Office's group of equity resource teams, our continued strategy to allow employees a platform to shape the growth and development of internal programs and practices using an employee solution-based approach. As a result of the meeting the DE&I Office will coordinate tangible next steps.

In August 2020, the DE&I Office met with the Hispanic/Latinx Heritage Resource Team for planning purposes to plan events, activities, and communications regarding Hispanic/Latinx Heritage Month (September 15, 2020 – October 15, 2020). Hispanic/Latinx Heritage Month celebrates the contributions and influence of Hispanic/Latinx Americans to the history, culture, and achievements of the United States.

Also, in August 2020, the DE&I Office met with members of the 2020 GARE Implementation Cohort Team. During this meeting, the DE&I Office was provided an update on the team's current learning experience as participants within the program. Members of the 2020 GARE team have also been assisting the DE&I Office research and create a list of equity efforts occurring throughout the Agency.

In September 2020, the DE&I Office partnered with the Climate Protection Team to discuss the Climate team's plan to develop a climate and food program that highlights how food choices and food management contribute to climate change. Through this initiative the team hopes to achieve the twin goals of reducing GHG emissions and improving the health of Bay Area families. The DE&I Office will work with the Climate team to identify ways for their message to reach communities of color throughout the Bay Area.

### **Human Resources Strategies**

During the third quarter, the DE&I Office continued to work with the HR management team and the consultant, Illumyx. During these meeting sessions, the group collectively worked to develop a list of survey questions for the Employee Engagement district-wide survey released in August 2020. The results of the survey will further assist Illumyx with providing recommendations to evaluate opportunities to strengthen operations at the agency to improve, processes, practices, and procedures to ensure healthy employee engagement within the District. The targeted goal for employee participation in the survey was an 80% completion level. At the conclusion of the survey on August 31, 2020, the Air District surpassed its goal and reached an 86% completion level.

During July 2020, the DE&I Office participated in the Air District's Remote Work Task Force meetings. The Remote Task Force is comprised of employees who serve to help create the District's policy on remote work efforts. Task Force members will be positioned to provide feedback and recommendations on how the District implements remote working into the future. The newly formed team discusses expectations of the team, reviewed the remote work survey results, and discussed next steps. The team will continue to examine and recommend best practices for the agency. The DE&I Office's role is to ensure an equity lens is utilized in the decision-making process.

In August 2020, the DE&I Office began operationalizing exit interviews with employees leaving the District. During these interviews, questions focus on diversity, equity, and inclusion related topics and themes. In September 2020, the DE&I Office participated on a Supplemental Application Screening Panel for a position being recruited in the Finance Department. As part of the panel, the DE&I Office reviewed applications, scored, and ranked applications accordingly. Also, in September 2020, the DE&I Office represented the Air District in the Bay Area Virtual Video Diversity Employee Day Career Fair. For these types of events, recruits upload their resume in advance, followed by one on one discussions about the Air District, its recruitment process, and any open positions.

### **Community Engagement**

In July 2020, the DE&I Office met with the Community Engagement section to discuss upcoming West Oakland community meetings where the DE&I Office participated in the meetings. Later in July 2020, the DE&I Office participated in the AB 617 West Oakland Committee Action Plan (WOCAP) Subcommittee Report-Back meeting with Darlene Flynn, Director of Race and Equity for the City of Oakland. During this meeting, community leaders updated committee members on progress towards equitable outcomes on topics such as reducing emissions from trucks at the Port of Oakland, car-sharing program extensions for low income individuals and groups, inequitable outcomes in parking enforcement fines and additional topics.

In late July 2020, the DE&I Office also attended the Richmond-San Pablo AB 617 Steering Committee meeting. The DE&I Office worked on follow up actions coming out of the Richmond-San Pablo AB 617 meeting, including follow up meetings with community representatives in August 2020 and September 2020 to work on next steps.

### **Events/Activities**

In July 2020, the DE&I Office attended an event featuring American author and historian Dr. Ibram X. Kendi where he discussed his book, *How to Be an Antiracist*. The discussion centered on concepts of racism, Dr. Kendi's proposals for anti-racist individual actions, and systemic changes. The DE&I Office is working to finalize details on the contract with Dr. Kendi as a guest speaker, for the next speaker series in December 2020.

In August 2020, the DE&I Office hosted its Cultural Movie Club session. This session is designed to allow employees to view a designated movie followed by a critical discussion regarding the movie. On the surface, the discussions are about the movie, but as part of the critical discussion, movie themes are tied to current topics in the nation. This healthy exchange and dialogue amongst employees, provides a unique opportunity for employees to see life through the lens of other employees. Ultimately, findings have shown that participants tend to work better with one another and form stronger bonds.

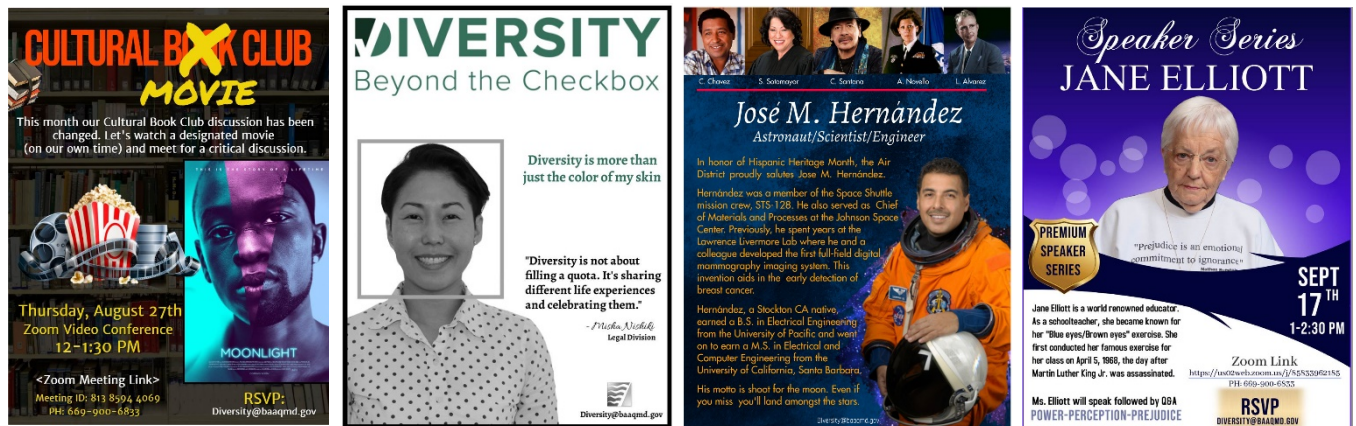
The DE&I Office provides a functional role to provide an equity lens on the Air District's Cultural Advisory Team (CAT). An initiative CAT has implemented is a pilot "Air District Coffee Chat." As part of the pilot, twice a month, Air District staff will have an opportunity to meet with colleagues, selected at random and have an opportunity to engage, share and learn from one another.

In September 2020, the DE&I Office presented the DE&I Speaker Series featuring Ms. Jane Elliott. Ms. Elliott is an internationally known teach, lecturer, diversity trainer, and recipient of the National Mental Health Association Award for Excellence. Ms. Elliott exposed prejudice and bigotry for what it is, an irrational class system based upon purely arbitrary factors. The event was attended by the Air District Board Chair Sinks and members of the board of directors, the Executive Officer, the Deputy Executive Officer Veronica Eady, moderated the event. Employees from the South Coast AQMD, MTC, Bay Conservation Development Commission, and Air District employees participated. There were approximately 230 participants on the webinar.

## Communications/Newsletters

As a result of current social civil unrest across the United States, many employees have inquired about additional social justice, anti-racism and mental health resources outside of our traditional Employee Assistance Program (EAP). During this time, the Office shared a resource document filled with valuable links to support information including suggested movies, books, workbooks, and related articles.

In addition, the DE&I Office continued to provide educational and information content in the Public Bulletin Board and within the bi-weekly employee newsletters. Some examples are information regarding the employee Cultural Book/Movie Club, the Agency's new Diversity Beyond the Checkbox campaign, a spotlight for Hispanic/Latinx Heritage Month and information about the Speaker Series guest, Jane Elliott. Sample communications, below:





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

**Key Performance Indicators**

Key Performance Indicators are for the period of July 1, 2020 to September 30, 2020.

<i>Activity</i>	<i>Count</i>	<i>Amount/Description</i>
Executed Agreements with Funding Source	3	<ul style="list-style-type: none"> <li>• \$26,715,075 - CAP Year 3 / CARB</li> <li>• \$10,795,099 - Prop 1B Goods Movement/CARB</li> <li>• \$1,630,641 - Prop 1B Goods Movement/CARB</li> </ul>
Executed Grant Agreements with Project Sponsors	32	\$14,154,665.50
Disbursement Requests Submitted	1	\$530,000 - RFG
Disbursements/Revenue Received	1	\$ 1,013,125.97 – CMP Year 21
Presentations and Webinars	3	239 attendees
Reports to Funding Source	8	<ul style="list-style-type: none"> <li>• VW Program (Quarterly and Semi-Annual)</li> <li>• FARMER and Prop 1B GMP (Quarterly)</li> <li>• Carl Moyer Program (Annual)</li> <li>• Carbon Offset Fund (Annual to CA Attorney General)</li> </ul>

**Open Grant Solicitations Administered by SID**

- **Carl Moyer Program** – More than \$12M 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](http://www.baaqmd.gov/moyer)
- **Community Health Protection Grant Program** – \$28M 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](http://www.baaqmd.gov/ab617grants)
- **Goods Movement Emission Reduction Program** – about \$20M is available for equipment replacement and fueling infrastructure projects to reduce air pollution from freight movement activities in California. Eligible equipment for this Program includes diesel-fueled trucks with

manufacturer Gross Vehicle Weight Rating (GVWR) 16,001 pounds and greater; freight locomotives; cargo-handling equipment such as forklifts, yard trucks and rubber-tired gantry cranes (RTG); transportation refrigeration units (TRU); insulated cold-storage trailers at grocery retail stores; and berth electrification and emissions capture & control equipment at ports. The Program also funds a variety of hydrogen fueling, battery-charging and electric plug-in project options to assist owners of freight movement equipment to incorporate zero- or near-zero-emissions equipment into their fleets. [www.baaqmd.gov/goods](http://www.baaqmd.gov/goods)

- **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](http://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](http://www.baaqmd.gov/vbb)
- **Volkswagen (VW) NOx Mitigation - Zero-Emission Freight and Marine Program** - \$35M in VW funding was 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 competitive solicitation closed on 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:**
  - **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 three projects were deemed ineligible and one was approved at the 9/24/20 Mobile Source Committee meeting.

- **Meetings and Events:**
  - **July 13, 2020:** Staff attended webinar on CALSTART’s Campaign for Innovative Mobility in Federal Surface Transportation Bill.
  - **August 3, 2020:** Staff met with the Air District’s Communications Officer to coordinate on Cut the Commute messaging.
  - **September 3, 2020:** Staff teleconferenced with City of Mountain View to discuss funding for shuttle operations.
  - **September 4, 2020:** Staff teleconferenced with LAVTA regarding their current vehicle trip reduction projects and the performance implications due to COVID.
  
- **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.
  
- **Meetings and Events:**
  - **July 10, 2020:** Staff teleconferenced with Solano Transportation Authority to discuss TFCA policy.
  - **September 10 and September 24, 2020:** Staff held a Work Group meeting with all County Program Managers to discuss TFCA policy updates.
  - **September 17, 2020:** Staff teleconferenced with Metropolitan Transportation Commission to discuss rideshare program.
  - **September 25, 2020:** Staff attended and presented at the monthly Bay Area County Transportation Agency Directors’ meeting.
  - **September 29, 2020:** Staff met with County Program Managers to discuss E-bike projects.
  
- **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.

○ **Meetings and Events:**

- **July 10, 2020, July 21, 2020, August 4, 2020, August 19, 2020, September 1, 2020, and September 15, 2020:** Staff teleconferenced with the auditors, Simpson & Simpson, to discuss audit progress.
- **July 24, 2020:** Staff teleconferenced with SJSU to discuss outlying items related to Audit 21.
- **July 30, 2020:** Staff teleconferenced with the Contra Costa County CPM and auditors to discuss audit progress.
- **August 4, 2020:** Staff teleconferenced with the Solano County Transit and the auditors, Simpson & Simpson, to discuss audit progress.
- **September 29, 2020:** Staff teleconferenced with the auditors, Simpson & Simpson, to discuss audit progress.

**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.

○ **Outreach:**

- **September 8, 2020:** Staff sent out an e-blast to Bay Area Farmers Market event organizers on available funding opportunities.
- **September 24, 2020:** Staff attended and participated as a vendor in a virtual booth at CARB's Virtual One-Stop Truck Event.

○ **Requests and Reports:**

- **July 1, 2020:** Staff sent out annual report requests to active CMP, CHP, and FARMER project Grantees.
- **July 1, 2020:** Executed agreements with EES, Pick-n-Pull, and Direct Mail Center to implement the Vehicle Buyback Program. Updated the program requirements to include 1997 and older vehicles and pay \$1200 per vehicle.
- **July 29, 2020:** Staff submitted the FARMER quarterly report to CARB
- **August 27, 2020:** Staff submitted the CMP annual report to CARB.
- **September 24, 2020 and October 5, 2020:** Two repayments totaling \$73,483.10 were received for underperforming Carl Moyer Program projects.

○ **Meetings and Events:**

- **July 9, 2020 and July 16, 2020:** Staff attended training webinars hosted by CARB.
- **July 29, 2020:** Staff participated in the CARB's Transport Refrigeration Unit Regulation Enforcement Work Group Meeting.
- **July 29, 2020:** Staff participated in the CARB 2020 Carl Moyer Program Yearly Reporting training.

- **July 30, 2020:** Staff moderated and participated in the CAPCOA Sub-Committee discussion on Carl Moyer On-road Chapter 4 Updates.
- **July 30, 2020:** Staff participated in the CALSTART California webinar. Advanced Clean Trucks (ACT) Rule: What it is and Recommendations for Other Global Regions.
- **August 5, 2020:** Staff participated in the Air District’s Diesel Free ‘33 webinar on Funding to Replace Diesel: Fleets and Equipment.
- **August 19, 2020:** Staff participated in the Air District’s Diesel Free by ‘33 webinar on Funding to Replace Diesel: Backup Generators.
- **August 26, 2020, September 4, 2020, and September 10, 2020:** Staff participated in the CAPCOA Subcommittee Meeting to discuss edits to Chapter 4 of the Carl Moyer Guidelines.
- **September 1, 2020:** Staff met with CALSTART regarding increased AB 617 and grant program coordination.
- **September 2, 2020:** Staff teleconferenced with AC Transit to discuss zero emission forklift funding opportunities.
- **September 3, 2020:** Staff participated in a discussion on recent updates to Chapter 6 and the CAPP Incentives for Woodstove Replacement.
- **September 3, 2020:** Staff attended CARB’s webinar on Air Regulation Affecting Public Agencies in California.
- **September 8, 2020:** Staff teleconferenced with CARB for a discussion on non-performing projects.
- **September 14, 2020:** Staff teleconferenced with CARB to discuss recapture and reallocation of Multi-District/State Reserve funds.
- **September 22, 2020 and September 28, 2020:** Staff teleconferenced with the Sacramento Metro Air Quality Management District and South Coast AQMD to discuss Moyer Chapter 4 example cost-effectiveness calculations.
- **September 29, 2020:** Staff participated in the Public Workshop for Fiscal Year 2020-2021 Funding Plan for Clean Transportation Incentives.

**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:**

- **July 28, 2020:** Staff submitted quarterly report to CARB

## **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 Demonstration 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.
  - **Meetings and Events:**
    - **July 9, 2020:** Staff teleconferenced with Goodwill to discuss the project’s status.
    - **July 21, 2020, August 4, 2020, August 18, 2020, and September 1, 2020:** Staff teleconferenced with project partners to discuss the project’s status.
    - **August 4, 2020:** Staff teleconferenced Goodwill to discuss matching funds.
    - **August 13, 2020:** Staff teleconferenced CTE to discuss steps needed to finalize the Final Paper.
    - **August 27, 2020:** Staff teleconferenced with project partners to discuss data collection and responsibilities and process for complying with ongoing reporting requirements over the next three years.
    - **September 1, 2020:** Staff teleconferenced with CARB to discuss project performance and closure.
    - **September 15, 2020:** Staff hosted a check-in meeting with the project team.
    - **September 23, 2020:** Staff teleconferenced with CTE and Goodwill to discuss data collection.
    - **September 29, 2020:** Staff teleconferenced with the project team for the bi-weekly meeting.
- **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 four (4) solicitation closed on February 3, 2020. To date, six (6) 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.

- **Meetings and Events:**
  - **July 31, 2020:** Staff submitted a draft of the report on initial results and findings of the program to the RFG administrator.
  - **August 4, 2020:** Staff published the *Report on Initial Results and Findings for a Zero-Emission Equipment Grant Program* on Air District's website.
  
- **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 and closed out, 1 project is being implemented, 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 fourth quarter 2020.
  
- **Meetings and Events:**
  - **July 1, 2020:** Staff submitted Quarterly Progress Report for Q2 2020 to CARB.
  - **July 8, 2020:** Staff teleconferenced with SW/TCH to discuss status of proposed amendment (#3) to the agreement between CARB and Air District.
  - **July 16, 2020:** Staff hosted a monthly meeting with project partners to discuss the project's status.
  - **August 4, 2020:** Staff teleconferenced with CARB to discuss status of proposed amendment (#3) to the agreement between CARB and the Air District.
  - **August 20, 2020 and September 17, 2020:** Staff hosted a monthly meeting with project partners to discuss the project's status.
  - **September 23, 2020:** Staff teleconferenced with SW/TCH to discuss an amendment to the subgrantee agreement.
  - **September 24, 2020:** Staff sent a survey to interested parties regarding potential improvements to the ZEF&M Program.
  
- **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.

- **Zero-Emission Light-Duty Infrastructure – Hydrogen Fueling Stations** – The competitive solicitation for \$5M in funding for Hydrogen-Fueling Stations closed on May 22, 2020. Staff is currently reviewing the submitted applications.
- **Zero-Emission Freight and Marine Projects** – The competitive solicitation for \$35M in funding for zero-emission freight and marine projects opened on June 18, 2020 and closed on August 31, 2020.
- **Meetings and Events:**
  - **July 1, 2020, July 7, 2020, July 8, 2020, July 14, 2020, July 15, 2020, and July 24, 2020:** Staff teleconferenced with Fluxx regarding grants management system.
  - **July 2, 2020:** Staff teleconferenced with CARB regrading programmatic and administrative issues.
  - **July 9, 2020:** Staff released a questions and answers document for the ZEF&M program.
  - **July 10, 2020:** Staff released an informational video for applicants regarding the online application for the VW program.
  - **July 14, 2020 and July 28, 2020:** Staff teleconferenced with CARB regrading programmatic and administrative issues.
  - **July 20, 2020:** Staff teleconferenced with GreenInfo regarding design of data visualizations for the program website.
  - **July 28, 2020 and July 30, 2020:** Staff sent targeted outreach emails regarding the Zero-Emission Freight and Marine Program to air districts, ports, airports, and warehouses, and to the 12 Clean Cities Coalition regions in California.
  - **July 29, 2020:** Staff teleconferenced with CEC regarding the Light Duty Zero-Emission Infrastructure, Hydrogen Program.
  - **July 30, 2020:** Staff sent an e-blast to potential grantees regarding the Zero-Emission Freight and Marine Program.
  - **August 3, 2020 and August 4, 2020:** Staff teleconferenced with CARB August 3, 2020 and CEC on August 4, 2020, to review solicitation results and discuss procedure for selection of awards for hydrogen stations.
  - **August 6, 2020:** Staff hosted a pre-application webinar regarding the Zero-Emission Freight and Marine program with 48 attendees.
  - **August 7, 2020:** Staff teleconferenced with CALSTART to discuss coordination and outreach to potential applicants for the Zero-Emission Freight and Marine program.
  - **August 10, 2020:** Staff teleconferenced with CARB and CEC to discuss procedures for selection of awards for hydrogen stations.
  - **August 11, 2020:** Staff teleconferenced with CARB to provide an update on the Program.
  - **August 14, 2020 – August 15, 2020:** Staff coordinated with CALSTART to send an announcement regarding the Zero-Emission Freight and Marine Program to CALSTART applicants.
  - **August 17, 2020, August 20, 2020, and August 25, 2020:** Staff teleconferenced with CEC and CARB to coordinate on selecting hydrogen stations for VW funding, August 17, 2020 and August 20, 2020. Staff and CARB confirmed final ranking list on August 25, 2020.



- **August 20, 2020:** Staff teleconferenced with South Coast and San Joaquin Valley air districts regarding program solicitations and coordination.
- **August 21, 2020:** Staff teleconferenced with GreenInfo regarding design of data visualizations for the program website.
- **August 25, 2020:** Staff sent an e-blast to potential grantees regarding the Zero-Emission Freight and Marine Program.
- **August 31, 2020:** Staff closed the competitive solicitation for the ZEF&M Program.
- **August 31, 2020:** Staff teleconferenced with CEC and CARB on coordinating selection of hydrogen stations for VW funding.
- **September 3, 2020:** Staff teleconferenced with South Coast and San Joaquin Valley air districts regarding program solicitations and coordination.
- **September 3, 2020:** Staff teleconferenced with CARB regarding ZEF&M Program solicitation and coordination.
- **September 21, 2020:** Staff sent four (4) incomplete letters to applicants for the ZEF&M program.
- **September 22, 2020:** Staff teleconferenced with South Coast and San Joaquin Valley air districts regarding program solicitations and coordination.
- **September 22, 2020:** Staff teleconferenced with CARB regarding ZEF&M Program solicitation and coordination.
- **September 24, 2020:** Staff sent a survey regarding the ZEF&M Program to 287 interested parties.
- **September 4, 2020 and September 14, 2020:** CEC published notice of proposed award (NOPA) on September 4, 2020. Staff met with CEC to coordinate on VW funding for hydrogen stations, September 14, 2020.
- **September 28, 2020:** Staff met with representatives from CEC and CARB to coordinate on hydrogen stations.
- **September 29, 2020:** Staff submitted quarterly reports for the ZEF&M and LDI Programs to CARB.

### **Grant Programs in Development**

- **Volkswagen (VW) Environmental Mitigation Trust Fund Program**
  - **Zero-Emission Light-Duty Infrastructure - Electric-Vehicle Charging Stations:** The electric-vehicle charging portion of this program will provide \$5M for electric vehicle charging infrastructure.

## Other SID Meetings and Events

- **July 1, 2020:** Staff hosted and presented the *Advancing Clean Marine Technologies* panel of the Air and Waste Management Association's ACE 2020 conference.
- **July 8, 2020:** Staff attended a monthly meeting of EPA's Residential Woodstove Working Group to discuss woodstove replacement programs.
- **July 9, 2020:** Staff met with CARB to discuss the upcoming AB617 Project Plan for stationary sources.
- **July 9, 2020:** Staff attended monthly meeting hosted by CARB to discuss status of hydrogen infrastructure in California.
- **July 10, 2020:** Staff attended a DocuSign Product Consultation with the Air District.
- **July 10, 2020:** Staff attended the Port of Oakland's Seaport Air Quality Task Force Meeting.
- **July 14, 2020:** Staff met with EPA to debrief on the Targeted Airshed Grant applications.
- **July 15, 2020:** Staff attended CARB's Pre-Solicitation Work Group Meeting to discuss the upcoming \$10M available for the Capture and Control System Project for Oil Tankers at Berth.
- **July 16, 2020:** Staff attended Metropolitan Transportation Commission's Active Transportation Working Group.
- **July 22, 2020:** Staff participated in the Air District's webinar Diesel Free by '33: Do I Have to Go with Diesel? Technology Alternatives for Vehicles, Equipment, and Backup Generators.
- **July 28, 2020:** Staff attended CEC's Grant Funding Opportunity - GFO-20-601 - Blueprints for Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure.
- **July 29, 2020:** Staff attended a CEC workshop, which is part of the 2020 Integrated Energy Policy Report (IEPR) Update, on Near-Zero Emission Vehicles and Low-Carbon Fuels.
- **July 31, 2020:** Staff attended the Bay Area County Transportation Agencies Directors virtual meeting.
- **July 31, 2020:** Staff attended a pre-application workshop on GFO-20-604 - Hydrogen Fuel Cell Demonstrations in Rail and Marine Applications at Ports (H2RAM).
- **August 3, 2020:** Staff met with the Port of Oakland regarding the Howard Terminal/Prop 1B alternative project proposal.
- **August 4, 2020:** Staff met with CARB regarding potential BAAQMD support for a Diesel Particulate Filter Demonstration project to support updates to the Commercial Harbor craft Regulation.
- **August 4, 2020:** Staff attended a CEC pre-application workshop for GFO-20-602 Zero-Emission Transit Fleet Infrastructure Deployment.
- **August 6, 2020:** Staff had monthly teleconference with governmental agencies to discuss hydrogen station status in California.
- **August 7, 2020:** Staff attend the monthly meeting with CARB regarding AB 617 implementation in Richmond-San Pablo and West Oakland communities to discuss the annual reporting requirements.
- **August 12, 2020:** Staff moderated and participated in the CAPCOA Mobile Source and Grants Subcommittee Monthly Meeting.
- **August 14, 2020:** Staff attended County Transportation Authority Planning Directors meeting.

- **August 18, 2020:** Staff participated in a meeting with Hornblower and South Coast air district regarding grant opportunities for a hydrogen barge.
- **August 19, 2020:** Staff met with EPA regarding the Targeted Airshed Grant award and potential changes to the proposed scope of the Wood Smoke Reduction program.
- **August 20, 2020 and August 27, 2020:** Staff participated in the CALSTART Medium & Heavy-Duty Infrastructure Working Group meetings.
- **September 3, 2020:** Staff met with the CPUC, CEC and CALSTART to discuss requested data sharing and development of a standard template for charging infrastructure costs.
- **September 3, 2020:** Staff attended a monthly Work Group meeting with government entities in California to discuss the status of hydrogen stations.
- **September 3, 2020:** Staff attended CARB's webinar on Air Regulation Affecting Public Agencies in California.
- **September 4, 2020:** Staff attended the Bay Area County Transportation Agency's Planning Directors meeting.
- **September 8, 2020:** Staff met with CARB to discuss Prop 1B Shore Power Infrastructure project proposed alternatives for the Port of Oakland Howard Terminal.
- **September 9, 2020:** Staff led and participated in the CAPCOA Mobile Source & Grants Committee-monthly meeting.
- **September 9, 2020:** Staff attended the EPA Residential Wood Smoke Working Group (RWS) monthly call.
- **September 10, 2020:** Staff met with the CA High Speed Rail Authority regarding mitigation offsets.
- **September 11, 2020:** Staff interviewed with the Bay Area Monitor for an article on the advancement of zero emission technologies and incentives.
- **September 17, 2020:** Staff attended a CEC workshop to discuss design updates to CALeVIP.
- **September 18, 2020:** Staff attended CARB workshop on the Advanced Clean Fleets regulation.
- **September 22, 2020:** Staff met with TeckQuest, a battery manufacturer, to discuss potential opportunities for grant funding.
- **September 23, 2020:** Staff worked with Planning and Legal to develop the EIR comment letter regarding mitigation for the CA High Speed Rail project's San Jose to San Francisco section.
- **September 24, 2020:** Staff met with the Port of Oakland regarding further information to present to CARB for the Howard Terminal breach and proposed alternative projects.
- **September 28, 2020:** Staff met with a representative from Napa Valley Transportation Authority to discuss opportunities for hydrogen funding.
- **September 29, 2020:** Staff attended the Bay Area EV Coordinating Council and the CARB Workshop on the FY 2020-21 Funding Plan for Clean Transportation Incentives (\$28 million in AQIP funding).
- **September 30, 2020:** Staff attended the public workshop for the Draft Proposed Amendments to the Commercial Harbor Craft Regulation.
- **September 30, 2020:** Staff attended the public CALSTART workgroup on the program design updates on the Statewide Clean Mobility Option Voucher Pilot.

**METEOROLOGY & MEASUREMENTS DIVISION**  
**R. CHIANG, DIRECTOR**

**Air Quality Forecasting**

	<b># of Days</b>	<b>Dates</b>
Spare the Air alerts called for ozone	11	8/14, 8/25, 8/31, 9/5-9/8, 9/27-9/30
Spare the Air Alerts called for PM <sub>2.5</sub>	32	8/18-9/16, 9/19, 9/28-9/30
Exceedances of the national 8-hour ozone standard (70 ppb)	9	8/19, 8/23, 9/5-9/7, 9/12, 9/14, 9/29-9/30
Exceedances of the national 24-hour PM <sub>2.5</sub> standard (35 µg/m <sup>3</sup> )	21	7/4, 8/19-8/27, 8/30, 9/6-9/8, 9/10-9/15, 9/30

Thirty-six Spare the Air alerts were called in the Bay Area during the third quarter of 2020, including an unprecedented string of 30 consecutive calls from August 18, 2020, through September 16, 2020. The alerts were called due to unprecedented smoke impacts due to wildfires burning across the Bay Area and northern California. During this time, staff issued daily forecasts and talking points used by multiple Bay Area government agencies and released 19 videos to help the public understand how plan their activities to avoid smoke and stay healthy.

Early in the morning of August 16, 2020, thunderstorms moved from southern California into the Bay Area, producing around 2,500 lightning strikes, with over 12,000 strikes recorded over northern California. Limited moisture associated with these thunderstorms, combined with very low fuel moisture (due to a dry winter), resulted in over 500 wildfires across northern and central California. Smoke from these wildfires resulted in 20 exceedances of the national PM<sub>2.5</sub> standard during the third quarter. One exceedance was due to fireworks on the 4<sup>th</sup> of July.

Five out of the top six largest wildfires occurred during this quarter, including the largest, the August Complex (1,032,264 acres); the third largest, the SCU Lightning Complex (396,624 acres); the fourth largest, the LNU Lightning Complex (363,220 acres); the fifth largest, the Creek Fire (350,331 acres); and the sixth largest, the North Complex (318,930 acres). The second largest fire on record was the Mendocino Complex that burned during July of 2018 and scorched 459,000 acres.

**Laboratory**

Subsequent to the shelter-in-place due to COVID-19, the laboratory has continued to operate on a reduced schedule and continues to provide support for critical ambient air monitoring programs including PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>coarse</sub>, 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.

## **Regulatory Air Monitoring**

Thirty-one air monitoring sites and fourteen meteorological towers were operational during the third 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 93.61%.

### **Rule 12-15 – Refinery Community Monitoring**

- In August 2020, staff participated in a site selection meeting with the City of Benicia to characterize candidate air monitoring sites for Rule 12-15 implementation near the Valero Refinery.

Staff drafted the 2019 Air Monitoring Network Plan and the 2020 Five-Year Network assessment and submitted both in July as required by U.S. EPA.

## **Community Monitoring**

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

- Driving for Aclima annual baseline in San Francisco County has been completed.
- Aclima continues to drive all other counties 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.

Staff are preparing and testing new monitoring capabilities to conduct the air toxics monitoring project selected by the AB 617 Richmond-San Pablo Monitoring Steering Committee. The monitoring has been delayed until COVID-19 conditions allow for staff to be in close contact to conduct the monitoring, for example multiple staff inside a monitoring van.

## **Quality Assurance**

All gas analyzers and particulate samplers were found to be operating within the Air District's established accuracy limits (21 monitoring stations, 55 parameters).

- Staff have coordinated with station operators to conduct as many audits as possible, while still respecting social-distancing guidelines, as well as personal requests for health and safety needs.
- Staff are working 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.
- Ground-Level Monitoring audits were completed at Valero Refinery and Marathon Petroleum Corporation, Martinez.

- Staff are discussing changes to auditing procedures to meet recent requirements from EPA for low-level gas auditing. The Vallejo monitoring station will be used as the beta-testing location for the very low gas concentration levels.
- Regular duties continued, including audits; report processing and review; database management; and equipment testing and maintenance.

## **Air Quality Analysis**

### Inter-agency Collaboration

- Participated in the NACAA Monitoring Steering Committee meeting (September 28, 2020 – September 29, 2020), giving two presentations: an update on the implementation of AB 617 Community Air Monitoring Plan program and ideas for developing technical resources for explaining air quality sensor data with context.

### AB 617 Richmond-San Pablo Monitoring Plan

- Organized a Monitoring Steering Committee meeting (July 29, 2020 via Zoom) and bi-weekly co-lead meetings.
- CARB reviewed the AB 617 Richmond-San Pablo Community Air Monitoring Plan.
- Developed the framework for the Richmond-San Pablo Monitoring quarterly reports and, with AIM, for the Community Emissions Reduction Plan technical assessment.

### AB 617 Readiness in High Priority Communities

- Eastern SF / Bayview-Hunters Point
  - Coordinated sensor collocation at the Air District San Francisco monitoring site for Greenaction, a CARB Community Air Grant recipient.
  - Provided technical assistance to the Brightline CARB Community Air Grant project on their proposed monitoring locations in the Tenderloin and SOMA neighborhoods in San Francisco.

### Technical Advising to Bay Area Communities and Stakeholders

- Developed talking points on wildfire smoke measurements and data and two documents for the Wildfire Safety webpage ([Air District Air Quality FAQs](#) and [Air Quality Data Sources Explained](#)).
- Conducted numerous interviews with local media (TV, radio, print) on air quality data sources and data interpretation during wildfire smoke episodes.
- Review of legacy monitoring sites in Oakland and air quality trends analysis for Alameda County for Oakland-side reporter.

### Technical Advising to Air District divisions

- Reviewed the monitoring design for nine (9) new and revised Asbestos Dust Monitoring Plans for Compliance & Enforcement.
- Provided technical support to the Advisory Council on their PM Strategy documents (PM Reduction Statements, Framework, and Recommended Actions) and the summary report, including providing technical documentation for an annotated bibliography.

## 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 Sampling Plan Development, including coordinating input from the South Bay Odor Stakeholder Group Meeting.
- Staff participation in A&WMA PFAS Virtual Conference.
- Source tests conducted:
  - Planning and performance of refinery Fluidized Catalytic Cracking Unit PM<sub>10</sub> testing.
  - 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 continuous emission monitoring system 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 and knowledge gap analysis.

## Recruitment News

### New Hires and Promotions

- Lilian Turcios-Metho, Advanced Projects Advisor (Quality Assurance Officer)
- Samantha Delapena, Air Quality Instrument Specialist
- Max Dillon, Supervising Air Quality Instrument Specialist
- Samuel Dolan, Air Quality Instrument Specialist
- Eddie Kalombo, Air Quality Instrument Specialist
- Eileen Lek, Senior Air Quality Instrument
- Jun Liu, Air Quality Instrument Specialist
- Andrew Berg, Senior Air Quality Instrument Specialist

<b>STATISTICS</b>			
<b><u>Administrative Services:</u></b>		<b><u>Compliance Assistance and Operations Program:</u></b>	
<b><u>Accounting/Purchasing/Comm.</u></b>		Asbestos Plans Received	1579
General Checks Issued	1734	Coating and other Petitions Evaluated	7
Purchase Orders Issued	621	Open Burn Notifications Received	16
Checks/Credit Cards Processed	4472	Prescribed Burn Plans Evaluate	0
Contracts Completed	106	Tank/Soil Removal Notifications Received	16
RFP/RFQ	0	Compliance Assistance Inquiries Received	76
Leases	1	Green Business Reviews	0
		Refinery Flare Notifications	3
<b><u>Executive Office:</u></b>		<b><u>Compliance Assurance Program:</u></b>	
APCO'S Meetings Attended	402		
Board Meetings Held (including Budget Hearing and CAF)	2	Industrial Inspections Conducted	268
Committee Meetings Held	9	Gas Station Inspection Conducted	140
Advisory Council Meetings Held	1	Asbestos Inspections Conducted	274
Hearing Board Meetings Held	0	Open Burning Inspections Conducted	0
New Variances Received	0	PERP Inspections Conducted	15
		Mobile Source Inspections	0
		Grant Inspections Conducted	55
<b><u>Information Systems:</u></b>			
New Installation Completed	20		
PC Upgrades Completed	31	<b><u>Engineering Division:</u></b>	
Service Calls Completed	1041	Annual Update Packages Completed	918
		New Applications Received	325
<b><u>Human Resources:</u></b>		Authorities to Construct Issued	139
Manager/Employee Consultation (Hrs.)	350	Permits to Operate Issued (New and Modified)	267
Management Projects (Hrs.)	400	Permit Exemptions (Entire application deemed exempt)	6
Employee/Benefit Transaction	600	New Facilities Added	122
Training Sessions Conducted	8	Registrations (New)	71
Applications Processed	192	Health Risk Assessments (HRA)	74
Exams Conducted	14		
New Hires	19	<b><u>Communications and Public Information:</u></b>	
Promotions	15	Responses to Media Inquires	501
Separations	2	Events Staffed with Air District Booth	6
Payroll Administration (Hrs.)	800		
Safety Administration	150	<b><u>Community Engagement:</u></b>	
Inquiries	4000	Presentations Made	5
		Visitors	0
<b><u>Facility/Vehicle:</u></b>		Air District Tours	0
Request for Facility Service	24	Community Meetings Attended	22
Vehicle Request(s)	14		
Vehicle Maintenance/Service/Repair(s)	43		



<b>STATISTICS (continued)</b>			
<b>Compliance and Enforcement Division:</b>		<b>3rd Quarter 2020 Agricultural Burn Days</b>	
<b>Enforcement Program</b>		July - September Permissive Burn Days-North	22
Violations Resulting in Notices of Violations	77	July - September No-Burn Days-North	70
Violations Resulting in Notice to Comply	0	July - September Permissive Burn Days-South	22
New Hearing Board Cases Reviewed	0	July - September No-Burn Days-South	70
Reportable Compliance Activity Investigated	180	July - September Permissive Burn Days-Coastal	16
General Complaints Investigated	759	July - September No Burn Days-Coastal	76
Wood Smoke Complaints Received	557		
Mobile Source Violations	0	<b>Laboratory</b>	
		Analyses Performed	1350
<b>Meteorology Measurements &amp; Rules:</b>		Inter-Laboratory Analyses	0
<b>3rd Quarter 2020 Ambient Air Monitoring</b>			
Days Exceeding Nat'l 24-Hour PM <sub>2.5</sub> Std.	21	<b>Technical Library</b>	
Days Exceeding Nat'l 24-Hour PM <sub>10</sub> Std.	0	Titles Indexed/Cataloged	0
Days Exceeding State 24-Hour PM <sub>10</sub> Std.	0	Periodicals Received/Routed	0
Days Exceeding the Nat'l 8-Hour Ozone Std.	9	Reportable Compliance Activity Investigated	
Days Exceeding the State 1-Hour Ozone Std.	5	<b>Source Test</b>	
Days Exceeding the State 8-Hour Ozone Std.	9	Cargo Tank Tests Performed	0
		Total Source Tests	18
<b>Ozone Totals, Year to Date 2020</b>		Pending Source Tests	2
Days Exceeding State 1-Hour Ozone Std.	5	Further Evaluation Notices Recommended	4
Days Exceeding Nat'l 8-Hour Ozone Std.	9	Contractor Source Tests Reviewed	4052
Days Exceeding State 8-Hour Ozone Std.	9	Outside Test Observed	17
		Further Evaluation Notices Recommended After Review	5
<b>Particulate Totals, Year to Date 2020</b>		Contractor Source Test Protocols Reviewed	35
Days Exceeding Nat'l 24-Hour PM <sub>2.5</sub> Std.	21	Contractor Source Tests invalidated	42
Days Exceeding Nat'l 24-Hour PM <sub>10</sub> Std.	0		
Days Exceeding State 24-Hour PM <sub>10</sub> Std.	0	<b>Continuous Emissions Monitoring (CEM)</b>	
<b>PM<sub>2.5</sub> Winter Season Totals for 2019 - 2020</b>		Indicated Excess Emission Report Eval.	77
Days Exceeding Nat'l 24-Hour PM <sub>2.5</sub> Std.	0	Monthly CEM Reports Reviewed	103
		Indicated Excesses from CEM	39
<b>Ground Level Monitoring (GLM)</b>		Field Accuracy Test Performed	0
July - September Ground Level Monitoring SO <sub>2</sub> Excess Reports	0		
July - September Ground Level Monitoring H <sub>2</sub> S Excess Reports	0		

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

<b>Alameda County</b>				
<b>Status</b>				
<b>Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> □
08/20/2020	B4067	Kaiser Permanente Berkeley Campus	Berkeley	No Permit to Operate
09/16/2020	Z7959	Recipient	Berkeley	Mandatory Burn Ban
08/31/2020	A1438	Tesla, Inc.	Fremont	Non-Compliance; Major Facility Review
08/31/2020	A1438	Tesla, Inc.	Fremont	Parametric Monitoring and Recordkeeping Procedures
07/02/2020	Z4338	R&B Equipment	Hayward	Sandblasting: Ringelmann 1 Limitation
07/02/2020	Z4338	R&B Equipment	Hayward	Sandblasting: Certification of Abrasiveness
07/28/2020	Z7757	PW Stephens	Hayward	Asbestos; Containment Requirement
08/05/2020	Z7852	SFD	Hayward	Asbestos; Schedule Changes and Updates
09/08/2020	Z8024	Way 92 (76 Station)	Hayward	GDF Phase I Requirement
07/07/2020	A0208	Schnitzer Steel Products Company	Oakland	Prohibition of Fires: No Ignition
07/08/2020	Z7770	SFD	Oakland	Asbestos; Written Plan or Notification
09/21/2020	Z8020	Nick Stoughton	Oakland	Asbestos; Written Plan or Notification
09/29/2020	E4737	Advanced IPM	Oakland	No Authority to Construct
09/29/2020	E4737	Advanced IPM	Oakland	No Permit to Operate
09/29/2020	E4737	Advanced IPM	Oakland	No Authority to Construct
09/29/2020	E4737	Advanced IPM	Oakland	No Permit to Operate
09/15/2020	Z7943	Recipient	Union City	Mandatory Burn Ban
<b>Contra Costa County</b>				
<b>Status</b>				
<b>Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> □
07/02/2020	Z7698	SFD	Antioch	Asbestos; Written Plan or Notification
08/25/2020	Z7899	COM	Brentwood	Asbestos; Schedule Changes and Updates
09/16/2020	A0581	ST Shore Terminals, LLC	Crockett	Gasoline Bulk Terminal Vapor Recovery Requirements
08/26/2020	Z7876	SFD	Oakley	Asbestos; Schedule Changes and Updates
07/22/2020	Z7794	George Zumbro	Pittsburg	Open Burning; Prohibition of Fires
08/11/2020	Z7849	MFD	Pleasant Hill	Asbestos Containing Waste Disposal
08/11/2020	Z7849	MFD	Pleasant Hill	Asbestos; Written Plan or Notification
08/11/2020	Z7849	MFD	Pleasant Hill	Demolition, Renovation, and Removal Requirement
08/11/2020	Z7849	MFD	Pleasant Hill	Asbestos; On-Site Representative
07/06/2020	A0010	Chevron Products Company	Richmond	Vessel Monitoring
07/06/2020	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
07/06/2020	A0010	Chevron Products Company	Richmond	Vessel Monitoring
07/06/2020	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
07/06/2020	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
07/06/2020	A0010	Chevron Products Company	Richmond	California Code of Regulations
07/06/2020	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
08/18/2020	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
08/18/2020	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
08/18/2020	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
08/18/2020	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
08/18/2020	A0010	Chevron Products Company	Richmond	Failure to Meet Permit Conditions
08/19/2020	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
08/19/2020	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
08/19/2020	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review

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

<b>Marin County</b>				
<b>Status Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> <input type="checkbox"/>
08/04/2020	Z7853	German Motors	Novato	No Permit to Operate
07/06/2020	B5081	Equator Coffees, LLC	San Rafael	Failure to Meet Permit Conditions
<b>Napa County</b>				
<b>Status Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> <input type="checkbox"/>
08/18/2020	Z7846	Commercial Bldg	Napa	Asbestos; Schedule Changes and Updates
09/15/2020	Z7954	SFD	Napa	Asbestos; Schedule Changes and Updates
<b>San Francisco County</b>				
<b>Status Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> <input type="checkbox"/>
07/14/2020	Z7755	Pier 45 Shed C	San Francisco	Asbestos; Written Plan or Notification
07/17/2020	A4116	San Francisco Public Utilities Commission	San Francisco	Failure to Meet Permit Conditions
09/10/2020	Z8019	Com	San Francisco	Asbestos; Schedule Changes and Updates

<b>San Mateo County</b>				
<b>Status Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> <input type="checkbox"/>
07/13/2020	Z7690	Double Time	Belmont	Failure to Meet Permit Conditions
09/29/2020	T9012	MFD	Burlingame	Asbestos; Written Plan or Notification
07/24/2020	Z7758	5 Star Gas & Diesel	Colma	Failure to Meet Permit Conditions
09/01/2020	Z7948	Commercial Bldg	Colma	Asbestos; Schedule Changes and Updates
09/23/2020	A1364	Cypress Amloc Land Co, Inc.	Colma	Landfill Emission Control System Requirement
09/02/2020	Z7901	SFD	Daly City	Administrative Requirements; Fees
09/02/2020	Z7901	SFD	Daly City	Asbestos Operation Fee
09/23/2020	Z8023	Skyline Auto Service	Daly City	Failure to Meet Permit Conditions
08/20/2020	A1533	Sewer Authority Mid-Coastside	Half Moon Bay	No Authority to Construct
08/20/2020	A1533	Sewer Authority Mid-Coastside	Half Moon Bay	No Permit to Operate
08/20/2020	A1533	Sewer Authority Mid-Coastside	Half Moon Bay	No Authority to Construct
08/20/2020	A1533	Sewer Authority Mid-Coastside	Half Moon Bay	No Permit to Operate
08/18/2020	Z5473	ARCO #07119	Millbrae	GDF Standard Phase I CARB Certified Requirement
07/15/2020	Z7768	SFD	Palo Alto	Asbestos; Written Plan or Notification
08/13/2020	X4808	Oakview Apts	San Mateo	Asbestos; Containment Requirement
09/01/2020	Z7904	COM	San Mateo	Asbestos; Schedule Changes and Updates
09/04/2020	Z8021	Camino Petroleum	South San Francisco	GDF Standard Phase I CARB Certified Requirement
09/08/2020	Z8022	Westborough Kwik Serv	South San Francisco	All Phase I Vapor Recovery System Requirements

<b>Santa Clara County</b>				
<b>Status Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> <input type="checkbox"/>
08/25/2020	Z7895	Kulwant Virdi	Milpitas	Asbestos; Written Plan or Notification
07/16/2020	Z7766	SFD	Palo Alto	Asbestos; Schedule Changes and Updates
08/18/2020	A9848	Varex Imaging	Santa Clara	Failure to Meet Permit Conditions

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

<i>Solano County</i>				
<b>Status Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> <input type="checkbox"/>
08/26/2020	Z7859	MFD	American Canyon	Asbestos; Written Plan or Notification
08/06/2020	B2611	Valero Refining Company	Benicia	Vapor Leak Requirement
09/23/2020	Z7996	SFD	Fairfield	Asbestos; Written Plan or Notification
09/23/2020	Z8027	Hiddenbrook	Vallejo	GDF Phase I Requirement
09/23/2020	Z7995	SFD	Vallejo	Asbestos; Containment Requirement
<i>Sonoma County</i>				
<b>Status Date</b>	<b>Site #</b>	<b>Site Name</b>	<b>City</b>	<b>Regulation Title</b> <input type="checkbox"/>
09/16/2020	Z8028	Oakmont Golf Course	Santa Rosa	Failure to Meet Permit Conditions
09/16/2020	Z8028	Oakmont Golf Course	Santa Rosa	GDF Phase I Requirement
08/06/2020	E0297	Northgate Ready Mix	Windsor	Failure to Meet Permit Conditions

**Closed Notice of Violations with Penalties by County  
July 1, 2020 – September 30, 2020**

**Alameda**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Asbestos Management Group of California	J9290	Oakland	\$750	3
ASM Autobody & Repair	Z7705	Hayward	\$250	1
Bay Ship & Yacht Co.	A9684	Alameda	\$2,500	2
Bayview Environmental	G2974	Oakland	\$750	1
Childrens Hospital, Oakland	A1785	Oakland	\$10,000	1
City of Alameda, Alameda Fire Dept	M9234	Alameda	\$750	1
East Bay Municipal Utility District	A0591	Oakland	\$33,000	5
Flyers #454	Z7392	Oakland	\$500	1
Irvington Memorial Cemetery	A4134	Fremont	\$12,500	1
Port of Oakland	A0678	Oakland	\$7,500	1
Recipient	Z7959	Berkeley	Passed Wood Smoke Course	1
Schnitzer Steel Products Company	A0208	Oakland	\$40,000	4
SFD	Z6717	Pleasanton	\$5,500	5
Signature Flight Support	B3645	Oakland	\$2,000	1
Western Digital Corporation	A8391	Fremont	\$3,500	1

**Alameda Total Violations Closed: 29**

**Contra Costa**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Biorichland LLC	A7943	Richmond	\$500	1
California Department of Water Resources	A8930	Byron	\$14,000	5
East Bay Municipal Utility Dist	B3746	El Sobrante	\$2,000	1
Eco Services Operations Corp	B1661	Martinez	\$20,000	2
Eisen Environmental & Construction	Q7448	Concord	\$1,500	1
Garrison Demolition Engineering	Z7139	San Ramon	\$200	1
Kellog Creek Agregates, Inc.	A6330	Byron	\$11,000	5
TransMontaigne Operating Company LP	A0745	Richmond	\$24,000	3

**Contra Costa Total Violations Closed: 19**

**Closed Notice of Violations with Penalties by County**  
**July 1, 2020 – September 30, 2020**  
**(continued)**

**Marin**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Novato Sanitary District	A1275	Novato	\$13,500	5
The Dutra Group	Z7404	San Rafael	\$500	1

**Marin Total Violations Closed: 6**

**San Francisco**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Auto City Food Mart	Z7525	San Francisco	\$1,500	1
City & County of San Francisco	H1939	San Francisco	\$1,000	1
Gas and Shop	Z6910	San Francisco	\$1,500	1
Gas and Shop	Z7057	San Francisco	\$1,500	2
Pacific Gas & Electric	A9185	San Francisco	\$500	1
San Francisco Public Utilities Commission	A4116	San Francisco	\$3,500	1

**San Francisco Total Violations Closed: 7**

**San Mateo**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Bancroft Gas Corp.	Z7078	South San Francisco	\$3,000	2
City of Burlingame	Z6773	Burlingame	\$125	1
Gas & Shop	Y4197	South San Francisco	\$3,000	1
Gellert Shell	Z7189	Daly City	\$500	1
Gilead Sciences	B2455	Foster City	\$1,500	1
Hickey Way Shell	Z7145	Daly City	\$750	1
Redwood City Hotels, LLC	E2919	Redwood City	\$250	1
Residential Design	Z7592	Redwood City	\$500	1
Union 76	Z7055	San Mateo	\$250	1
West Valley Construction	Z7126	Redwood City	\$1,500	1

**San Mateo Total Violations Closed: 11**

**Closed Notice of Violations with Penalties by County**  
**July 1, 2020 – September 30, 2020**  
**(continued)**

**Santa Clara**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Fujitsu Technology and Business of America, Inc	A2059	Sunnyvale	\$1,500	2
Happy Hollow Park - Dragon Ride Gas Tank	Z7488	San Jose	\$2,500	1
Microchip Technology Inc	B3759	San Jose	\$500	1
Olam West Coast, Inc.	B1327	Gilroy	\$3,500	1
Robinson Oil Corporation	Z7198	Santa Clara	\$500	1
S J Valley Plating, Inc.	A5079	Santa Clara	\$1,250	1
SFD	Z6923	Los Altos	\$12,500	5
The Home Depot (Store #6621)	B7731	San Jose	\$2,000	1
Turner Construction	Y3956	Milpitas	\$100	1
XL Construction	S4569	Milpitas	\$1,000	1

**Santa Clara Total Violations Closed: 15**

**Solano**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
A & A Gas	Z0380	Vallejo	\$500	1
Safeway Inc #1631	E2817	Vallejo	\$750	1

**Solano Total Violations Closed: 2**

**Sonoma**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
BoDean Company Inc	A1641	Santa Rosa	\$25,000	1
Daniel O Davis Inc	B5523	Santa Rosa	\$750	1
Flamingo 76	Z7138	Santa Rosa	\$750	2

**Sonoma Total Violations Closed: 4**

**Closed Notice of Violations with Penalties by County**  
**July 1, 2020 – September 30, 2020**  
**(continued)**

**District Wide**

Site Name	Site #	City	Penalty Amount	# of Violations Closed
7M General Eng	Z7379	Sacramento	\$500	1
ARE - San Francisco No 63, LLC	Z7477	Pasadena	\$7,500	1
Frank Loduca Co	Z7194	Stockton	\$500	1
JM Environmental, Inc.	F1663	Granite Bay	\$2,500	1
Lucino Escutia	W7657	Watsonville	\$500	1
Riverbank Interiors	J1131	Riverbank	\$500	1
Select Tech, Inc. dba Select Environmental	W6066	Sacramento	\$10,500	2

**District Wide Total Violations Closed: 8**



**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: November 12, 2020

Re: Authorization to Amend a Contract with Kadesh & Associates, LLC

RECOMMENDED ACTION

Authorize the Executive Officer/APCO to amend a contract with the following vendor in the amount listed below:

Vendor	Amount	Service Description
Kadesh & Associates	\$250,000	Federal legislative advocacy services.

BACKGROUND

Bay Area Air Quality Management (Air District) staff is recommending contract amendments for an existing vendor, which current contract is in the amount of \$150,000, to assist with federal legislative advocacy efforts, including support for federal funding and other federal legislative activities in an amount not to exceed \$250,000.

DISCUSSION

Expanding the Air District’s legislative advocacy to include work at the federal level could yield significant benefits for the Air District and for the residents in the Bay Area Region. While it is a politically divisive environment at the federal level, there are many benefits in promoting the work of the Air District, and in requesting legislative and fiscal support for programs that benefit our residents. California has the largest federal delegation and is incredibly fortunate to have important members on all the key Congressional committees, such as Energy & Commerce; Transportation and Infrastructure; Ways and Means; and, of course, significantly, the Speaker of the House. Depending on November election results for President and for control of the Senate, the California delegation could have significantly more influence. Participating in the federal legislative process may provide opportunities to benefit more from upcoming federal legislative efforts, including technology advancement funding (Diesel Emissions Reduction Act [DERA] and Targeted Airshed Grants), surface transportation and goods movement funding (Fixing America's Surface Transportation [FAST] Act and its future successor legislation), Congestion

Mitigation and Air Quality Improvement Funding (CMAQ), wildfire smoke response, and clean technology.

Kadesh & Associates, LLC has extensive experience in appropriations, transportation, energy and environmental issues, and has been successful in working effectively with the Executive Branch, government agencies, and regulatory bodies in advancing their clients' priorities, including those of the South Coast Air Quality Management District, which has used Kadesh & Associates since 2007. The Air District has used Kadesh & Associates since mid-2019. Kadesh & Associates specializes in representing California agencies, and its staff includes recent high-level staff members from prominent California legislators. Under a recent limited contract, Kadesh & Associates arranged meetings with legislators and their staff to provide background on the work of the district, as well as our future challenges. As a result of these meetings, Congresswoman Anna Eshoo introduced a bill related to our wildfire smoke clean air center initiative as a companion bill to the Senate version, with a \$50 million appropriations request. The House version currently has 34 cosponsors, and we were able to talk with staff of Senators Feinstein and Harris, who subsequently signed on as supporters of the Senate version. Also, as a result of these meetings, Congressman Mark DeSaulnier worked with the Air District on amendments favorable to the Air District in his Clean Corridors Act, which would fund electric and hydrogen fueling infrastructure in major freight and transportation corridors. His bill was recently inserted into the current House Transportation Reauthorization bill.

While this Administration has been less predictable than prior Administrations, we do know that eventually Congress must pass its appropriations legislation and may also work on other significant legislative issues, including infrastructure and a surface transportation reauthorization that could have major implications for clean air programs across the country and in the Bay Area. It is our view that engaging the entire California delegation on these and other clean air issues would enhance the Air District's opportunities and ability to support and augment what the State of California is already doing and help develop and fund important clean air programs in this and future Congresses.

The original contract is sole sourced based on Kadesh & Associates knowledge and experience in appropriations, transportation, energy and environmental issues related to California Air Districts.

#### BUDGET CONSIDERATION/FINANCIAL IMPACT

None. Funding for this contract is provided for in the Fiscal Year Ending 2021 Budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Alan Abbs  
Reviewed by: Jack P. Broadbent

Attachment 9A: Kadesh & Associates Professional Services Contract  
No. 2019.246 – Amendment 1

**AMENDMENT NO. 1 TO  
BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
CONTRACT NO. 2019.246**

This amendment to the above-entitled contract ("Contract Amendment") is dated, for reference purposes only, January 7, 2020.

**RECITALS:**

1. The Bay Area Air Quality Management District ("DISTRICT") and **Kadesh & Associates, LLC** ("CONTRACTOR") (hereinafter referred to as the "PARTIES") entered into the above-entitled contract for federal legislative advocacy services on behalf of DISTRICT (the "Contract"), which Contract was executed on behalf of CONTRACTOR on August 20, 2019, and on behalf of DISTRICT on August 22, 2019.
2. The PARTIES seek to amend the term and add funds to the Contract because the DISTRICT seeks to continue receiving services from CONTRACTOR prescribed in the Contract and CONTRACTOR desires to provide those services.
3. In accordance with Section 26 of the Contract, DISTRICT and CONTRACTOR desire to amend the above-entitled Contract as follows:

**TERMS AND CONDITIONS OF CONTRACT AMENDMENT:**

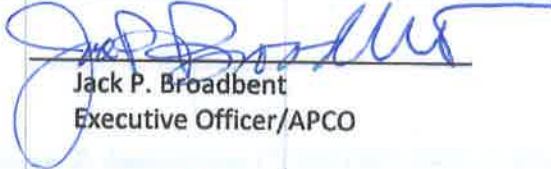
1. By this Contract Amendment, DISTRICT and CONTRACTOR amend Section 4, "Term." The term of the Contract shall be extended so that the termination date of the Contract is now November 30, 2020.
2. By this Contract Amendment, DISTRICT and CONTRACTOR amend Paragraph D of Section 8, "Payment," of the Contract to replace "\$50,000" with "\$150,000."
3. By this Contract Amendment, DISTRICT and CONTRACTOR amend Paragraph F of Section 9, "Dispute Resolution," of the Contract to replace "\$50,000" with "\$150,000."
4. By this Contract Amendment, DISTRICT and CONTRACTOR replace Attachment B, Cost Schedule, with the attached "Attachment B-1, Cost Schedule" and agree that all references in the Contract to Attachment B shall be deemed to refer to Attachment B-1, Cost Schedule.
5. DISTRICT and CONTRACTOR agree that all other terms and conditions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, the PARTIES have caused this Contract Amendment to be duly executed on their behalf by their authorized representatives.


**BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT**

**KADESH & ASSOCIATES**

By:

  
\_\_\_\_\_  
Jack P. Broadbent  
Executive Officer/APCO

By:

  
\_\_\_\_\_  
Mark Kadesh  
President

Date:

2/11/20

Date:

1/13/20

Approved as to form:  
District Counsel

By:

  
\_\_\_\_\_  
Brian C. Bunger  
District Counsel

**ATTACHMENT B-1**

**COST SCHEDULE**

**DISTRICT shall pay CONTRACTOR a fixed fee of \$10,000 per month for the work described in Attachment A, Scope of Work. CONTRACTOR shall submit all invoices in accordance with Paragraph 8, "Payment."**

**Total Cost of Contract not to exceed \$150,000.**



**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: November 12, 2020

Re: Authorization to Amend a Contract with Avantpage, Inc.

RECOMMENDED ACTION

Recommend Board of Directors authorize the Executive Officer/APCO to execute a contract amendment with Avantpage, Inc., in an amount not to exceed \$125,000, for services performed in Fiscal Year Ending (FYE) 2021 for language translation of public website and document content under the responsibility of the Communications Office.

Vendor	Amount	Service Description
Avantpage, Inc.	\$125,000	Spanish, Chinese, Tagalog, and Vietnamese language translation services to support the Air District's equity goals.

BACKGROUND

Air District staff recommends an amendment for the existing vendor contract to complete translation services in support of FYE 2021 goals.

To effectively reach and engage the diverse population of the region, the Air District must strive to provide residents with meaningful access to services and materials in languages other than English. Language options are necessary to provide fair and equal access for the general public and the industry-specific populations that utilize the Air District's varied services, such as outreach, permit, compliance assistance and grant programs.

DISCUSSION

The Air District uses language services to translate content to communicate effectively across the multiple populations and communities that make up the general public of the Bay Area. Recently efforts centralized and optimized the language translation process within the agency. These services are offered to all Air District divisions with support from the Online Services section of the Production System Office. Through this collaborative approach Online Services can support the language translation needs of the divisions while more effectively coordinating and managing vendor activities under a single service provider fostering increased purchasing power and



consistency of language translation. This collaborative approach with Online Services enables the Air District to:

1. Commit to equity though language accessibility;
2. Ensure responsiveness to language translation requests;
3. Streamline administrative activities and reduce overhead across participating divisions; and
4. Centralize quality assurance and align with invoices to ensure consistent results and the most effective application of language translations funds.

The current vendor has extensive language translation experience with scientific, technical, and governmental websites where complex information needs to be communicated in simple and understandable language for the general public. The vendor is also qualified in providing translations through a custom integration that adheres to the technical process by which translated content is matched correctly within the website’s Content Management System.

Vendor	Type of Services	Contract	Procurement Method
Avantpage	Spanish, Chinese, Tagalog, and Vietnamese language translation services to support the District’s equity goals.	<a href="#">FYE 2014</a>	Request for Proposal process in conjunction with the District’s Business Services Division and the Online Services section of the Production System Office.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

None. Funding for the vendor contract recommendations is included in the 306 and 303 program budgets for FYE 2021.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Kristina Chu  
Reviewed by: Wayne Kino

**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: November 12, 2020

Re: Report of the Advisory Council Meeting of October 9, 2020

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RECOMMENDED ACTION

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

BACKGROUND

The Council met on Friday, October 9, 2020, and received the following report:

- A) Deliberation on Particulate Matter (PM) Strategy.

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

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Aloha de Guzman  
Reviewed by: Vanessa Johnson

Attachment 11A: 10/09/2020 – Advisory Council Meeting Agenda #4

**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: October 2, 2020

Re: Deliberation on Particulate Matter (PM) Strategy

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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 from the July 31, 2020, meeting on reducing fine particulate matter in the 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: November 12, 2020

Re: Report of the Mobile Source Committee Meeting of October 19, 2020

**RECOMMENDED ACTION**

The Mobile Source Committee (Committee) recommends Board of Directors (Board) approval of the following items:

- A) Projects and Contracts with Proposed Grant Awards Over \$100,000; and
  - 1) Approve recommended projects with proposed grant awards over \$100,000 as shown in Attachment 1; and
  - 2) Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.
- B) Proposed Updates to the Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending (FYE) 2022; and
  - 1) Recommend Board of Directors approve the proposed updates to the Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending (FYE) 2022.
- C) Proposed Allocation of Mobile Source Incentive Funds for Electric Vehicle Charging Projects
  - 1) Recommend Board of Directors allocate \$1 million in Mobile Source Incentive Funds (MSIF) for electric vehicle charging projects at multi-unit dwellings in Assembly Bill (AB) 617 communities.

## BACKGROUND

The Committee met on Monday, October 19, 2020, and received the following reports:

- A) Projects and Contracts with Proposed Grant Awards Over \$100,000;
- B) Proposed Updates to the Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending (FYE) 2022; and
- C) Proposed Allocation of Mobile Source Incentive Funds for Electric Vehicle Charging Projects

Chairperson David Canepa will provide an oral report of the Committee meeting.

## BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None. The Air District distributes the CMP, MSIF, Community Health Protection Grant Program, and TFCA funding to project sponsors on a reimbursement basis. Funding for administrative costs is provided by each funding source;
- B) None. The recommended policy updates have no impact on the Air District's budget; and
- C) None. The Air District distributes the MSIF funding to project sponsors on a reimbursement basis. Funding for administrative costs is provided by the funding source.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Aloha de Guzman  
Reviewed by: Vanessa Johnson

Attachment 12A: 10/19/2020 – Mobile Source Committee Meeting Agenda #3  
Attachment 12B: 10/19/2020 – Mobile Source Committee Meeting Agenda #4  
Attachment 12C: 10/19/2020 – Mobile Source Committee Meeting Agenda #5

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson David Canepa and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: October 14, 2020

Re: Projects and Contracts with Proposed Grant Awards Over \$100,000

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**RECOMMENDED ACTION**

Recommend Board of Directors:

1. Approve recommended projects with proposed grant awards over \$100,000 as shown in Attachment 1; and
2. Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.

**BACKGROUND**

The Bay Area Air Quality Management District (Air District) has participated in the Carl Moyer Program (CMP), in cooperation with the California Air Resources Board (CARB), since the program began in fiscal year 1998-1999. The CMP provides grants to public and private entities to reduce emissions of nitrogen oxides (NOx), reactive organic gases (ROG), and particulate matter (PM) from existing heavy-duty engines by either replacing or retrofitting them. Eligible heavy-duty diesel engine applications include on-road trucks and buses, off-road equipment, marine vessels, locomotives, and stationary agricultural pump engines.

Assembly Bill (AB) 923 (Firebaugh), enacted in 2004 (codified as Health and Safety Code (HSC) Section 44225), authorized local air districts to increase their motor vehicle registration surcharge up to an additional \$2 per vehicle. The revenues from the additional \$2 surcharge are deposited in the Air District's Mobile Source Incentive Fund (MSIF). AB 923 stipulates that air districts may use the revenues generated by the additional \$2 surcharge for projects eligible under the CMP.

On March 4, 2020, the Board of Directors (Board) authorized Air District participation in Year 22 of the CMP and authorized the Executive Officer/APCO to execute grant agreements and amendments for projects funded with CMP funds or MSIF revenues with individual grant award amounts up to \$100,000.

In 2017, AB 617 directed CARB, in conjunction with local air districts, to establish the Community Air Protection Program (CAPP). AB 617 provides a new community-focused action framework to improve air quality and reduce exposure to criteria air pollutants and toxic air contaminants in communities most impacted by air pollution. AB 617 includes a variety of strategies to address air quality issues in impacted communities, including community-level monitoring, uniform emission reporting across the State, stronger regulation of pollution sources, and incentives for both mobile and stationary sources. Funding for incentives to support the AB 617 effort was approved by the California Legislature beginning in fiscal year ending 2018. In May 2020, the Governor issued a revised budget that authorized up to \$200 million for a third cycle of CAPP incentive funding. Funding for the CAPP comes from the State's Greenhouse Gas Reduction Fund (GGRF), which is used to reduce emissions including criteria pollutants, toxic air contaminants, and greenhouse gases. On June 17, 2020, the Board authorized the Air District to accept, obligate, and expend up to \$40 million in year-3 CAPP funding. These funds are primarily distributed through the Air District's Community Health Protection Grant Program to implement projects eligible under the CMP and optionally on-road truck replacements under the Proposition 1B Goods Movement Emission Reduction Program. Staff has also been working with CARB to expand eligibility to potentially include both non-regulated stationary source projects that will result in direct reductions of toxic air contaminants and/or criteria air pollutants and projects that are identified as priorities by communities with a State-approved Community Emissions Reduction Program, pursuant to HSC Section 44391.2.

CARB developed the Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program Guidelines in February 2018 that outlines requirements for eligible equipment, e.g., agricultural harvesting equipment, heavy-duty trucks, agricultural pump engines, tractors, and other equipment used in agricultural operations. On October 21, 2019, CARB's Executive Officer approved an update to the FARMER Program Guidelines to include eligibility criteria for demonstration projects. The 2020 California State Budget appropriated \$65 million in Fiscal Year 2019-20 GGRF funds to the CARB for the continued reduction of criteria, toxic, and greenhouse gas emissions from the agricultural sector through the FARMER Program. On November 20, 2019, the Board authorized the Air District's participation in the current cycle of the FARMER program.

In 1991, the California State Legislature authorized the Air District to impose a \$4 surcharge on motor vehicles registered within the nine-county Bay Area to fund projects that reduce on-road motor vehicle emissions within the Air District's jurisdiction. The statutory authority and requirements for the Transportation Fund for Clean Air (TFCA) are set forth in the HSC Sections 44241 and 44242. Sixty percent of TFCA funds are awarded by the Air District to eligible projects and programs implemented directly by the Air District (e.g., Spare the Air program) and to a program referred to as the Regional Fund. Each year, the Board allocates funding and adopts policies and evaluation criteria that govern the expenditure of TFCA monies. The remaining forty percent of TFCA funds are pass-through funds that are awarded to the designated County Program Manager in each of the nine counties within the Air District's jurisdiction.

On April 15, 2020 and July 15, 2020, the Board authorized funding allocations for use of the sixty percent of the TFCA revenue in Fiscal Year Ending (FYE) 2021, cost-effectiveness limits for Air District-sponsored FYE 2021 programs, and the Executive Officer/APCO to execute grant agreements and amendments for projects with individual grant award amounts up to \$100,000. On June 3, 2020, the Board adopted policies and evaluation criteria for the FYE 2021 Regional Fund program.

Projects with grant award amounts over \$100,000 are brought to the Mobile Source Committee for consideration at least on a quarterly basis. Staff reviews and evaluates grant applications based upon the respective governing policies and guidelines established by the CARB, the Board, and other funding agencies.

## DISCUSSION

### **Carl Moyer Program and Community Health Protection Grant Program:**

For the FYE 2021, the Air District had approximately \$42 million available from CMP, MSIF, Community Health Protection Grant Program, and FARMER funds for eligible projects, including approximately \$3.4 million from prior year funds. The Air District accepts project applications on a rolling basis and evaluates them on a first-come, first-served basis.

As of September 25, 2020, the Air District had received or evaluated 27 project applications. Of the applications that were evaluated between July 1, 2020 and September 25, 2020, six eligible projects have proposed grant awards over \$100,000. Four off-road projects will replace six pieces of mobile, diesel powered agricultural equipment and one diesel powered rubber-tired construction loader. One school bus project will replace two diesel school buses with two Low NOx compressed natural gas (CNG) school buses and supporting infrastructure. One on-road project will replace two older diesel trucks with cleaner diesel options. These projects will reduce over 6.3 tons of NOx, ROG and PM per year. Staff recommends the allocation of \$1,435,957 for these projects from a combination of CMP, FARMER, Community Health Protection, and MSIF revenues. Attachment 1, Table 1, provides additional information on these projects.

Attachment 2 lists all of the eligible projects that have been awarded by the Air District as of September 25, 2020, and includes information about equipment category, award amounts, estimated emissions reductions, and county location. To date, approximately 12% of the funds have been awarded to projects that reduce emissions in Air District designated Community Air Risk Evaluation or CARE areas, and approximately 32% have been awarded to projects benefitting disadvantaged (Senate Bill (SB) 535) and low-income (AB 1550) communities.

### **Transportation Fund for Clean Air Program:**

For the FYE 2021, the Air District had approximately \$31.44 million in TFCA monies available for eligible projects and programs. The Air District accepts project applications for certain project categories on a rolling basis and evaluates them on a first-come, first-served basis.



As of September 25, 2020, the Air District had received five project applications. Of the applications that have been evaluated between August 25, 2020 and September 25, 2020, there is one project with proposed grant award over \$100,000. This project will replace six older gasoline vehicles with four zero-emission vans and will reduce over 0.08 tons of NOx, ROG, and PM per year. Staff recommends allocating \$116,000 in TFCA funds for this project. Attachment 1, Table 2, provides additional information on this project.

Attachment 3, Table 1, lists all eligible TFCA projects that have been evaluated and awarded between July 1, 2019 and September 25, 2020, including information about project category, award amount, estimated emissions reduction, and county location. To date, approximately 34% of the funds have been awarded to projects that reduce emissions in Air District designated Community Air Risk Evaluation, or CARE areas, and approximately 42% have been awarded to projects benefitting disadvantaged (SB 535) and low-income (AB 1550) communities.

#### BUDGET CONSIDERATION/FINANCIAL IMPACT

None. The Air District distributes the CMP, MSIF, Community Health Protection Grant Program, and TFCA funding to project sponsors on a reimbursement basis. Funding for administrative costs is provided by each funding source.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Alona Davis, Linda Hui, and Ken Mak

Reviewed by: Karen Schkolnick, Chengfeng Wang

Attachment 1: Projects with grant awards greater than \$100,000

Attachment 2: CMP/MSIF, FARMER and Community Health Protection Grant Program projects awarded and allocated between 7/1/20 and 9/25/20

Attachment 3: TFCA projects awarded and allocated projects between 7/1/20 and 9/25/20

Attachment 4: Summary of funding awarded and allocated between 7/1/20 and 9/25/20

## AGENDA 3 - ATTACHMENT 1

Table 1 - Carl Moyer Program/ Mobile Source Incentive Fund, FARMER, and Community Health Protection Grant Program projects with grant awards greater than \$100k (Evaluated between 8/25/20 and 9/25/20)

Project #	Applicant name	Project Category	Project Description	Proposed contract award	Total project cost	Emission Reductions (Tons per year)			County
						NO <sub>x</sub>	ROG	PM	
21SBP196	Fairfield-Suisun Unified School District	School Bus	Replacement of two diesel buses with Low-NOx CNG school buses and supporting infrastructure	\$ 260,707	\$ 355,209	0.113	0.001	0.000	Solano
21MOY265	Paul P. Bianchi, Inc.	Ag/ off-road	Replacement of one diesel powered agricultural wheel loader with a Tier 4 final	\$ 182,700.00	\$ 228,405.00	1.251	0.138	0.079	Sonoma
21MOY245	Ilsley Brothers Farming, LLC	Ag/ off-road	Replacement of three diesel powered agricultural tractors and one tractor/crawler with Tier 4 finals	\$ 143,400.00	\$ 179,502.00	0.209	0.078	0.035	Napa
21MOY232	L.H. Voss Materials	Off-road	Replacement of one diesel rubber-tired construction loader with a Tier 4 final	\$ 125,000	\$ 310,576	0.725	0.036	0.018	Contra Costa
21MOY236	Morrison Cazares Boyer Construction Inc.	Off-road	Replacement of one diesel agricultural double-link plow with a Tier 4 final	\$ 604,150	\$ 755,212	1.060	0.098	0.056	Napa
21MOY264	McKim Corp	On-road	Replacement of (1) 2008 & (1) 2009 diesel trucks with (2) 2021 model	\$ 120,000	\$ 261,604	2.260	0.160	0.014	Santa Clara
<b>6 Projects</b>				<b>\$ 1,435,957</b>	<b>\$ 2,090,508</b>	<b>5.618</b>	<b>0.511</b>	<b>0.201</b>	

Table 2 - Transportation Fund for Clean Air projects with grant awards greater than \$100k (Evaluated between 8/25/20 and 9/25/20)

Project #	Applicant name	Project Category	Project Description	Proposed contract award	Total project cost	Emission Reductions (Tons per year)			County
						NO <sub>x</sub>	ROG	PM	
20R35	Santa Clara VTA	On-road Trucks & Buses	Purchase four electric delivery vans and scrap six existing vehicles	\$ 116,000	\$ 433,766	0.061	0.017	0.005	Santa Clara
<b>1 Project</b>				<b>\$ 116,000</b>	<b>\$ 433,766</b>	<b>0.061</b>	<b>0.017</b>	<b>0.005</b>	

## AGENDA 3 - ATTACHMENT 2

*CMP/MSIF, FARMER and Community Health Protection Grant Program projects awarded and allocated  
(between 7/1/20 and 9/25/20)*

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County	CARE Area	AB1550/ SB535 Area
						NOx	ROG	PM				
21MOY203	Ag/ off-road	Equipment replacement	1	\$ 60,000.00	Rider Vineyards dba Joseph Rider	0.104	0.005	0.006	APCO	Napa	No	No
21MOY198	On-road	Equipment replacement	1	\$ 10,000.00	EPP Transport, LLC	0.181	0.015	0.000	APCO	Alameda	Yes	Yes
21MOY206	Ag/ off-road	Equipment replacement	2	\$ 90,840.00	Hudson Vineyards LLC	0.162	0.005	0.009	APCO	Napa	No	No
21MOY210	On-road	Equipment replacement	1	\$ 20,000.00	Samuel's Trucking	0.466	0.039	0.003	APCO	Alameda	Yes	Yes
21MOY217	On-road	Equipment replacement	1	\$ 25,000.00	Daxin Trucking, LLC	0.566	0.048	0.000	APCO	Alameda	Yes	Yes
21MOY208	Ag/ off-road	Equipment replacement	2	\$ 76,300.00	M. German & Son Partnership	0.345	0.055	0.028	APCO	Solano	No	No
21MOY209	Ag/ off-road	Equipment replacement	1	\$ 48,800.00	Lum Family Farms Inc.	0.145	0.026	0.018	APCO	Solano	No	No
21MOY214	Ag/ off-road	Equipment replacement	5	\$ 255,400.00	Robledo Vineyard Mgmt LLC	0.553	0.092	0.051	TBD	Sonoma/ Napa	No	No
21MOY212	On-road	Equipment replacement	1	\$ 40,000.00	Ram Harak & Son Trucking	0.357	0.030	0.002	APCO	Alameda	Yes	Yes
21MOY235	Ag/ off-road	Equipment replacement	1	\$ 82,580.00	Mertens Dairy	0.213	0.038	0.028	APCO	Sonoma	No	No
21MOY228	Ag/ off-road	Equipment replacement	3	\$ 130,200.00	Turnbull Wine Cellars	0.191	0.037	0.026	TBD	Napa	No	No
21MOY239	Ag/ off-road	Equipment replacement	4	\$ 170,100.00	Michael Wolf Vineyard Services Inc.	0.206	0.016	0.021	TBD	Napa	No	Yes
21MOY121	On-road	Equipment replacement	1	\$ 15,000.00	Prabhjit	0.321	0.027	0.000	APCO	San Joaquin	No	Yes
21MOY218	Ag/ off-road	Equipment replacement	2	\$ 76,100.00	Richard A. Zimmerman	0.194	0.030	0.017	APCO	Solano	No	No
21MOY240	On-road	Equipment replacement	1	\$ 20,000.00	Sunny Trucking	0.301	0.025	0.000	APCO	San Joaquin	No	Yes
21MOY227	On-road	Equipment replacement	1	\$ 40,000.00	Streamline Trans Inc., dba DM Trucking	0.836	0.071	0.006	APCO	Alameda	Yes	Yes
21MOY246	On-road	Equipment replacement	1	\$ 30,000.00	Ali Transportation	0.375	0.032	0.000	APCO	Alameda	Yes	No
21MOY241	Ag/ off-road	Equipment replacement	1	\$ 62,950.00	Wight Vineyard Management, Inc.	0.126	0.008	0.008	APCO	Napa	No	Yes
21MOY102	Off-Road	Equipment replacement	1	\$ 62,830.00	San Mateo Union High School District	0.184	0.041	0.033	APCO	San Mateo	No	Yes
21MOY166	Ag/ off-road	2-for-1 Equipment Replacment	1	\$ 39,400.00	Beckstoffer Vineyards Napa Valley	0.250	0.037	0.025	APCO	Napa	No	No

### AGENDA 3 - ATTACHMENT 2

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County	CARE Area	AB1550/ SB535 Area
						NOx	ROG	PM				
21MOY223	On-road	Equipment replacement	1	\$ 30,000.00	Oakland Container Trucking	0.525	0.038	0.000	APCO	Alameda	Yes	Yes
21MOY265	Ag/ off-road	Equipment replacement	1	\$ 182,700.00	Paul P. Bianchi, Inc.	1.251	0.138	0.079	TBD	Sonoma	No	No
21MOY245	Ag/ off-road	Equipment replacement	4	\$ 143,400.00	Ilsley Brothers Farming, LLC	0.209	0.078	0.035	TBD	Napa	No	No
21MOY236	Ag/ off-road	Equipment replacement	1	\$ 604,150.00	Morrison Cazares Boyer Construction Inc.	1.060	0.098	0.056	TBD	Napa	No	No
21MOY232	Off-Road	Equipment replacement	1	\$ 125,000.00	L.H. Voss Materials	0.725	0.036	0.018	TBD	Alameda/ Contra Costa	Yes	Yes
21SBP196	School Bus	Equipment replacement	2	\$ 260,707.00	Fairfield-Suisun Unified School District	0.113	0.001	0.000	TBD	Solano	No	Yes
21MOY264	On-road	Equipment replacement	2	\$ 120,000.00	McKim Corp.	2.260	0.160	0.014	TBD	Santa Clara	Yes	Yes
<b>27 Projects</b>			<b>44</b>	<b>\$ 2,821,457.00</b>		<b>12.225</b>	<b>1.226</b>	<b>0.493</b>				

MOBILE SOURCE COMMITTEE  
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### AGENDA 3 - ATTACHMENT 3

Table 1 - TFCA projects awarded and allocated (between 7/1/20 and 9/25/20)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board/ APCO Approval Date	CARE Area	AB1550 / SB535 Area	County
					NO <sub>x</sub>	ROG	PM				
20R30	Bicycle Facilities	Upgrade 12.6 miles of Class II bikeways to Class IV in Fremont	\$130,000	City of Fremont	0.005	0.006	0.014	7/15/20	No	No	Alameda
20R31	Bicycle Facilities	Install and maintain 520 electronic bicycle locker spaces at 22 Caltrain stations in San Francisco, San Mateo and Santa Clara counties	\$1,041,000	Peninsula Corridor Joint Powers Board	0.097	0.139	0.306	7/15/20	No	No	Multi-County
20R32	Bicycle Facilities	Install 1.9 miles of Class IV bikeways in Hayward	\$200,790	City of Hayward	0.040	0.055	0.134	Pending	Yes	Yes	Alameda
21HMF01	LD Vehicles	Lease and operate 200 light-duty electric vehicles	\$1,000,000	Flexdrive Services, LLC	0.241	0.132	0.297	7/15/20	Yes	Yes	Regional
21R02	LD Vehicles	Vehicle Buy Back Program	\$300,000	BAAQMD	N/A	N/A	N/A	6/3/20	No	No	Regional
21R04	LD Vehicles	Clean Cars For All	\$5,000,000	BAAQMD	N/A	N/A	N/A	7/15/20	TBD*	TBD*	Regional
20R35	On-road Trucks & Buses	Purchase four electric delivery vans and scrap six existing vehicles	\$116,000	Santa Clara VTA	0.061	0.017	0.005	Pending	TBD	TBD	Santa Clara
21R01	Trip Reduction	Enhanced Mobile Source & Commuter Benefits Enforcement	\$850,000	BAAQMD	N/A	N/A	N/A	7/15/20	No	No	Regional
21R03	Trip Reduction	Spare The Air/Intermittent Control Programs	\$2,290,000	BAAQMD	N/A	N/A	N/A	6/3/20	No	No	Regional
<b>Total</b>	<b>9 Projects</b>		<b>\$10,927,790</b>		<b>0.444</b>	<b>0.350</b>	<b>0.755</b>				

\*Funds have been allocated to the Clean Cars for All Program and will be awarded to eligible individuals on a first-come, first-served basis.

MOBILE SOURCE COMMITTEE  
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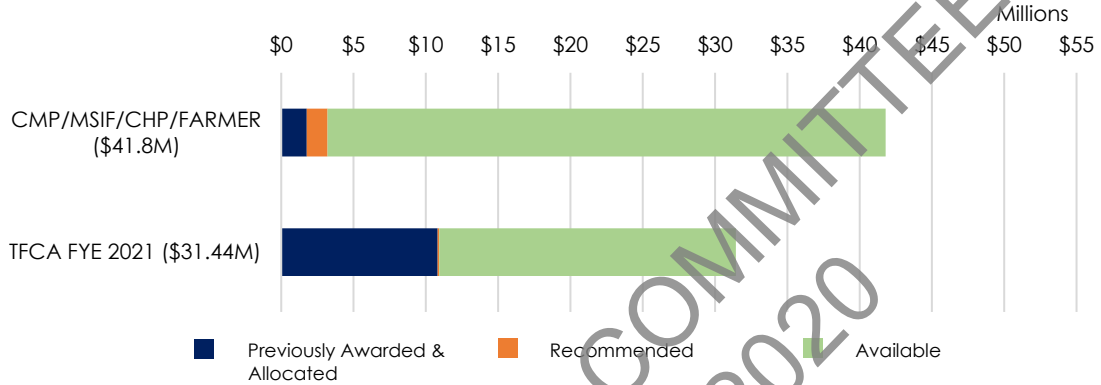
# AGENDA 3 - ATTACHMENT 4

**Figures 1-3 Summary of funding awarded and allocated between 7/1/20 and 9/25/20 from the following revenue sources:**

- Carl Moyer Program (CMP)
- Community Health Protection Program (CHP)
- Funding Agricultural Replacement Measures for Emission Reductions (FARMER)
- Mobile Source Incentive Fund (MSIF)
- Transportation Fund for Clean Air (TFCA)

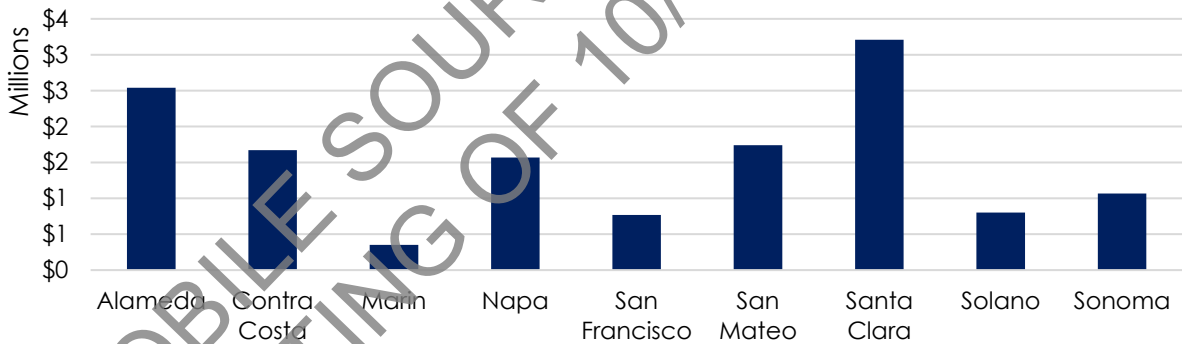
**Figure 1. Status of FYE 2021 funding by source**

includes funds awarded, recommended for award, and available



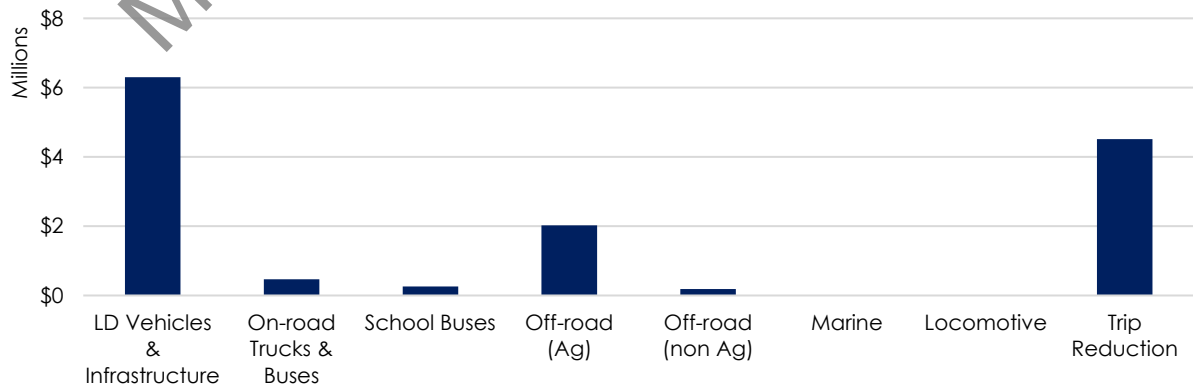
**Figure 2. Funding awarded and allocated in FYE 2021 by county:**

includes funds awarded & recommended for award



**Figure 3. Funding awarded and allocated in FYE 2021 by project category**

includes funds awarded & recommended for award



**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson David Canepa and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: October 14, 2020

Re: Proposed Updates to the Transportation Fund for Clean Air County Program Manager  
Fund Policies for Fiscal Year Ending (FYE) 2022

**RECOMMENDED ACTION**

Recommend Board of Directors approve the proposed updates to the Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending (FYE) 2022.

**BACKGROUND**

In 1991, the California State Legislature authorized the Bay Area Air Quality Management District (Air District) to impose a \$4 surcharge on motor vehicles registered within the Air District's jurisdiction to fund projects that reduce on-road motor vehicle emissions. This surcharge is used to fund eligible projects through the Air District's Transportation Fund for Clean Air (TFCA) program. The statutory authority for the TFCA and requirements of the program are set forth in California Health and Safety Code (HSC) Sections 44241 and 44242.

Forty percent of TFCA revenue is passed through to the County Program Manager (CPM) Fund, based on each county's proportionate share of vehicle registration fees paid, and are awarded by the nine designated CPMs. Each year the Air District Board of Directors adopts proposed updates to the TFCA CPM Fund Policies to maximize emissions reductions and public health benefits.

**DISCUSSION**

The annual update to policies is a highly collaborative process that began early this year. This process involved Air District staff developing a draft that reflected both recent updates made to the TFCA Regional Fund Policies and feedback and comments received during the past year from the CPMs. On May 29, 2020, Air District staff issued a draft to the CPMs for comment. The CPMs also distributed the policies for feedback from project sponsors within their respective jurisdictions. The Air District held four meetings, on May 4, 2020, June 30, 2020, September 10, 2020, and September 24, 2020, with CPM representatives to discuss the proposed policy updates, and followed up with the CPMs on specific questions and issues related to the proposed updates. Written comments were submitted by six of the nine CPMs.

In addition to minor text revisions to provide clarification on existing policies, the following is a high-level summary of key proposed updates to the TFCA CPM Policies for FYE 2022:

- Increased cost-effectiveness (C/E) threshold (provided more flexibility) in policy #2 **TFCA Cost-Effectiveness** for several project categories and standardized C/E requirement for **Alternative Fuel Infrastructure projects** across all charging location types.
- Relaxed policy #6 **Readiness** to allow more time for sponsors to commence their projects.
- Removed restriction that requires funded vehicles to be maintained and operated solely within the Air District's jurisdiction under policies #22 **Alternative Fuel Light- and Medium- Duty Vehicles** and #24 **Alternative Fuel Heavy-Duty Trucks and Buses**.
- Broadened definition of eligible vehicles under policy #25 **On-Road Truck Replacements** to include all on-road trucks.
- Updated policy #30 **Bicycle Projects** to align with requirements of other infrastructure improvements projects by requiring funds to be committed only after projects have completed all applicable environmental reviews. Additionally, for policy #31 **Bike Share**, clarified that purchase of bicycles are eligible as part of a bikeshare services.
- Renamed policy #33 to **Infrastructure Improvements for Trip Reduction** to clarify the intent, which is to support improvements that result in motor vehicle emission reductions.
- Added policy #34 **Telecommuting** as a new project category.

The proposed CPM Policies for FYE 2022 are shown in Attachment A and a redlined version in Attachment B. Attachment C shows the written comments received and the responses from staff.

#### BUDGET CONSIDERATION/FINANCIAL IMPACT

None. The recommended policy updates have no impact on the Air District's budget.



Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Hannah Cha and Linda Hui  
Reviewed by: Karen Schkolnick and Chengfeng Wang

- Attachment A: Proposed TFCA CPM Fund Policies for FYE 2022 (clean version)
- Attachment B: Proposed TFCA CPM Fund Policies for FYE 2022 (redlined version of Board-approved TFCA CPM Fund Policies for FYE 2021)
- Attachment C: Comments Received from CPMs on the Draft Proposed Updates to TFCA CPM Fund Policies for FYE 2022 and Air District Staff's Responses

MOBILE SOURCE COMMITTEE  
MEETING OF 10/19/2020

## PROPOSED UPDATES TO THE TFCA COUNTY PROGRAM MANAGER FUND POLICIES FOR FYE 2022

The following Policies apply to the Bay Area Air Quality Management District’s (Air District) Transportation Fund for Clean Air (TFCA) County Program Manager Fund for fiscal year ending (FYE) 2022.

### BASIC ELIGIBILITY

1. **Reduction of Emissions:** Only projects that result in the reduction of motor vehicle emissions within the Air District’s jurisdiction are eligible.

Projects must conform to the provisions of the California Health and Safety Code (HSC) sections 44220 et seq. and these Air District Board of Directors adopted TFCA County Program Manager Fund Policies.

Projects must achieve surplus emission reductions, i.e., reductions that are beyond what is required through regulations, ordinances, contracts, and other legally binding obligations at the time of the execution of a grant agreement between the County Program Manager and the grantee. Projects must also achieve surplus emission reductions at the time of an amendment to a grant agreement if the amendment modifies the project scope or extends the project completion deadline.

2. **TFCA Cost-Effectiveness:** Projects must not exceed the maximum cost-effectiveness (C-E) limit specified in Table 1. Cost-effectiveness (\$/weighted ton) is the ratio of TFCA funds awarded to the sum of surplus emissions reduced, during a project’s operational period, of reactive organic gases (ROG), nitrogen oxides (NOx), and weighted PM10 (particulate matter 10 microns in diameter and smaller). All TFCA-generated funds (e.g., reprogrammed TFCA funds) that are awarded or applied to a project must be included in the evaluation. For projects that involve more than one independent component (e.g., more than one vehicle purchased, more than one shuttle route), each component must achieve this cost-effectiveness requirement.

County Program Manager administrative costs are excluded from the calculation of a project’s TFCA cost-effectiveness.

**Table 1: Maximum Cost-Effectiveness for TFCA County Program Manager Fund Projects**

Policy No.	Project Category	Maximum C-E (\$/weighted ton)
22	Alternative Fuel Light- and Medium-Duty Vehicles	500,000
23	Reserved	Reserved
24	Alternative Fuel Heavy-Duty Trucks and Buses	500,000
25	On-Road Truck Replacements	90,000
26	Alternative Fuel Infrastructure	500,000
27	Ridesharing Projects – Existing	150,000

**Agenda #4, Attachment A**  
**Proposed TFCA County Program Manager Fund Policies for FYE 2022 (clean version)**

28	Shuttle/Feeder Bus Service – Existing	200,000; 250,000 for services in CARE Areas or PDAs
29.a.	Shuttle/Feeder Bus Service – Pilot shuttle projects <b>not</b> in CARE Areas or PDAs. <i>These projects will be evaluated every year.</i>	Year 1 - 500,000 Year 2 and beyond - see Policy #28 shuttle is considered existing
	Shuttle/Feeder Bus Service – <i>Pilot shuttle projects located in Highly Impacted Communities as defined in the Air District CARE Program and/or a Planned or Potential PDA may receive TFCA Funds under the Pilot designation. These projects will be evaluated every year.</i>	Years 1 & 2 - 500,000 Year 3 and beyond - see Policy #28 shuttle is considered existing
29.b.	Pilot Trip Reduction	500,000
30.a.	Bicycle Parking	250,000
30.b.	Bikeways	500,000
31	Bike Share	500,000
32	Arterial Management	250,000
33	Infrastructure Improvements for Trip Reduction	250,000
34	Telecommuting	150,000

3. **Eligible Projects and Case-by-Case Approval:** Eligible projects are those that conform to the provisions of the HSC section 44241, Air District Board-adopted policies, and Air District guidance. On a case-by-case basis, County Program Managers must receive approval by the Air District for projects that are authorized by the HSC section 44241 and achieve Board-adopted TFCA cost-effectiveness but do not fully meet other Board-adopted Policies.
4. **Consistent with Existing Plans and Programs:** All projects must comply with the Transportation Control and Mobile Source Control Measures included in the Air District's most recently approved strategies for achieving and maintaining State and national ozone standards ([2017 Clean Air Plan](#)), those plans and programs established pursuant to HSC sections 40233, 40717, and 40919; and, when specified, other adopted federal, State, regional, and local plans and programs.
5. **Eligible Recipients:** Grant recipients must be responsible for the implementation of the project, have the authority and capability to complete the project, and be an applicant in good standing with the Air District (Policies #8-10).
  - a. **Public agencies** are eligible to apply for all project categories.
  - b. **Non-public entities** are eligible to apply for only new alternative-fuel (light, medium, and heavy-duty) vehicle and infrastructure projects, and advanced technology demonstrations that are permitted pursuant to HSC section 44241(b)(7).

**Agenda #4, Attachment A**  
**Proposed TFCA County Program Manager Fund Policies for FYE 2022 (clean version)**

6. **Readiness:** Projects must commence by the end of calendar year 2022 or within 24 months from the date of execution of the funding agreement with the subgrantee. For purposes of this policy, “commence” means a tangible preparatory action taken in connection with the project’s operation or implementation, for which the grantee can provide documentation of the commencement date and action performed. “Commence” includes, but is not limited to, the issuance of a purchase order to secure project vehicles and equipment, commencement of shuttle/feeder bus and ridesharing service, or the delivery of the award letter for a construction contract.
7. **Maximum Two Years Operating Costs for Service-Based Projects:** Unless otherwise specified in policies #22 through #33, TFCA County Program Manager Funds may be used to support up to two years of operating costs for service-based projects (e.g., ridesharing, shuttle and feeder bus service). Grant applicants that seek TFCA funds for additional years must reapply for funding in the subsequent funding cycles.

**APPLICANT IN GOOD STANDING**

8. **Independent Air District Audit Findings and Determinations:** Grantees who have failed either the financial statement audit or the compliance audit for a prior TFCA-funded project awarded by either County Program Managers or the Air District are excluded from receiving an award of any TFCA funds for three (3) years from the date of the Air District’s final audit determination in accordance with HSC section 44242 or for a duration determined by the Air District Air Pollution Control Officer (APCO). Existing TFCA funds already awarded to the project sponsor will not be released until all audit recommendations and remedies have been satisfactorily implemented. A failed financial statement audit means a final audit report that includes an uncorrected audit finding that confirms an ineligible expenditure of TFCA funds. A failed compliance audit means an uncorrected audit finding that confirms a program or project was not implemented in accordance with the applicable Funding Agreement or grant agreement.

A failed financial statement or compliance audit of the County Program Manager or its grantee may subject the County Program Manager to a reduction of future revenue in an amount equal to the amount which was inappropriately expended pursuant to the provisions of HSC section 44242(c)(3).

9. **Authorization for County Program Manager to Proceed:** Only a fully executed Funding Agreement (i.e., signed by both the Air District and the County Program Manager) constitutes the Air District’s award of County Program Manager Funds. County Program Managers may incur costs (i.e., contractually obligate itself to allocate County Program Manager Funds) only after the Funding Agreement with the Air District has been executed.
10. **Maintain Appropriate Insurance:** Both the County Program Manager and each grantee must obtain and maintain general liability insurance, workers compensation insurance, and additional insurance as appropriate for specific projects, with required coverage amounts provided in Air District guidance and final amounts specified in the respective grant agreements.

**INELIGIBLE PROJECTS**

11. **Duplication:** Projects that have previously received any TFCA funds, e.g., TFCA Regional Funds or County Program Manager Funds, and that do not propose to achieve additional emission reductions are not eligible.
12. **Planning Activities:** The costs of preparing or conducting feasibility studies are not eligible. Planning activities are not eligible unless they are directly related to the implementation of a specific project or program.

**Agenda #4, Attachment A**  
**Proposed TFCA County Program Manager Fund Policies for FYE 2022 (clean version)**

13. **Reserved.**

14. **Cost of Developing Proposals and Grant Applications:** The costs to prepare proposals and/or grant applications are not eligible.

**USE OF TFCA FUNDS**

15. **Combined Funds:** TFCA County Program Manager Funds may not be combined with TFCA Regional Funds to fund a County Program Manager Fund project. Projects that are funded by the TFCA County Program Manager Fund are not eligible for additional funding from other funding sources that claim emissions reduction credits. However, County Program Manager-funded projects may be combined with funds that do not require emissions reductions for funding eligibility.

16. **Administrative Costs:** The County Program Manager may not expend more than 6.25 percent of its County Program Manager Funds for its administrative costs. The County Program Manager's costs to prepare and execute its Funding Agreement with the Air District are eligible administrative costs. Interest earned on County Program Manager Funds shall not be included in the calculation of the administrative costs. To be eligible for reimbursement, administrative costs must be clearly identified in the expenditure plan application and in the Funding Agreement, and must be reported to the Air District.

17. **Expend Funds within Two Years:** County Program Manager Funds must be expended within two (2) years of receipt of the first transfer of funds from the Air District to the County Program Manager in the applicable fiscal year, unless a County Program Manager has made the determination based on an application for funding that the eligible project will take longer than two years to implement. Additionally, a County Program Manager may, if it finds that significant progress has been made on a project, approve no more than two one-year schedule extensions for a project. Any subsequent schedule extensions for projects can only be given on a case-by-case basis, if the Air District finds that significant progress has been made on a project, and the Funding Agreement is amended to reflect the revised schedule.

18. **Unallocated Funds:** Pursuant to HSC 44241(f), any County Program Manager Funds that are not allocated to a project within six months of the Air District Board of Directors approval of the County Program Manager's Expenditure Plan may be allocated to eligible projects by the Air District. The Air District shall make reasonable effort to award these funds to eligible projects in the Air District within the same county from which the funds originated.

19. Reserved

20. Reserved

21. Reserved.

**ELIGIBLE PROJECT CATEGORIES**

Clean Air Vehicle Projects

22. **Alternative Fuel Light- and Medium-Duty Vehicles:**

These projects are intended to accelerate the deployment of zero- and partial-zero emissions motorcycles, cars, and light-duty vehicles. All of the following conditions must be met for a project to be eligible for TFCA funds:

- a. Vehicles must have a gross vehicle weight rating (GVWR) of 8,500 lbs. or lower;

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**Proposed TFCA County Program Manager Fund Policies for FYE 2022 (clean version)**

- b. Vehicles may be purchased or leased;
- c. Eligible vehicle types include plug-in hybrid-electric, plug-in electric, fuel cell vehicles, and neighborhood electric vehicles (NEV) as defined in the California Vehicle Code. Vehicles must also be approved by the CARB;
- d. Vehicles that are solely powered by gasoline, diesel, or natural gas, and retrofit projects are not eligible;
- e. The total amount of TFCA funds awarded may not exceed 90% of the project's eligible cost; the sum of TFCA funds awarded with all other grants and applicable manufacturer and local/state/federal rebates and discounts may not exceed total project costs;
- f. Grantees may request authorization of up to 100% of the TFCA Funds awarded for each vehicle to be used to pay for costs directly related to the purchase and installation of alternative fueling infrastructure and/or equipment used to power the new vehicle; and
- g. Projects that seek to replace a vehicle in the same weight class as the proposed new vehicle may qualify for additional TFCA funding. Costs related to the scrapping and/or dismantling of the existing vehicle are not eligible for reimbursement with TFCA funds.

**23. Reserved.**

**24. Alternative Fuel Heavy-Duty Trucks and Buses:**

These projects are intended to accelerate the deployment of qualifying alternative fuel vehicles that operate within the Air District's jurisdiction by encouraging the replacement of older, compliant trucks and buses with the cleanest available technology. If replacing heavy-duty vehicles and buses with light-duty vehicles, light-duty vehicles must meet Policy #22. All of the following conditions must be met for a project to be eligible for TFCA Funds:

- a. Each vehicle must be new and have a GVWR greater than 8,500 lbs.;
- b. Vehicles may be purchased or leased;
- c. Eligible vehicle types include plug-in hybrid, plug-in electric, and fuel cell vehicles. Vehicles must also be approved by the CARB;
- d. Vehicles that are solely powered by gasoline, diesel, or natural gas and retrofit projects are not eligible;
- e. The total amount of TFCA funds awarded may not exceed 90% of the project's eligible cost; the sum of TFCA funds awarded with all other grants and applicable manufacturer and local/state/federal rebates and discounts may not exceed total project costs;
- f. Grantees may request authorization of up to 100% of the TFCA Funds awarded for each vehicle to be used to pay for costs directly related to the purchase and installation of alternative fueling infrastructure and/or equipment used to power the new vehicle; and
- g. Projects that seek to replace a vehicle in the same weight-class as the proposed new vehicle may qualify for additional TFCA funding. Costs related to the scrapping and/or dismantling of the existing vehicle are not eligible for reimbursement with TFCA funds.

**25. On-Road Truck Replacements:** These projects will replace Class 6, Class 7, and Class 8 diesel-powered trucks that have a gross vehicle weight rating (GVWR) of 19,501 lbs. or greater (per vehicle weight classification definition used by Federal Highway Administration (FHWA) with new or used trucks that have an engine certified to the 2010 CARB emissions standards or cleaner. The existing

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truck(s) to be replaced must be registered with the California Department of Motor Vehicles (DMV) to an address within the Air District's jurisdiction and must be scrapped after replacement.

26. **Alternative Fuel Infrastructure:** These projects are intended to accelerate the adoption of zero-emissions vehicles through the deployment of alternative fuel infrastructure, i.e., electric vehicle charging sites, hydrogen fueling stations.

Eligible refueling infrastructure projects include new dispensing and charging facilities, or additional equipment or upgrades and improvements that expand access to existing alternative fuel fueling/charging sites. This includes upgrading or modifying private fueling/charging sites or stations to allow public and/or shared fleet access. TFCA funds may be used to cover the cost of equipment and installation. TFCA funds may also be used to upgrade infrastructure projects previously funded with TFCA funds as long as the equipment was maintained and has exceeded the duration of its useful life after being placed into service.

Equipment and infrastructure must be designed, installed, and maintained as required by the existing recognized codes and standards and as approved by the local/state authority.

TFCA funds may not be used to pay for fuel, electricity, operation, and maintenance costs.

Trip Reduction Projects

27. **Existing Ridesharing Services:** The project provides carpool, vanpool, or other rideshare services. Projects that provide a direct or indirect financial transit or rideshare subsidy are also eligible under this category. Projects that provide a direct or indirect financial transit or rideshare subsidy *exclusively* to employees of the grantee are not eligible.

28. **Existing Shuttle/Feeder Bus Service:**

The project reduces single-occupancy vehicle trips by providing short-distance connections between mass transit and commercial hubs or employment centers. All the following conditions must be met for a project to be eligible for TFCA funds.

- a. The service must provide direct connections between a mass transit hub (e.g., a rail or Bus Rapid Transit (BRT) station, ferry or bus terminal, or airport) and a distinct commercial or employment location.
- b. The service's schedule, which is not limited to commute hours, must be coordinated to have a timely connection with corresponding mass transit service.
- c. The service must be available for use by all members of the public.
- d. TFCA funds may be used to fund only shuttle services to locations that are under-served and lack other comparable service. For the purposes of this policy, "comparable service" means that there exists, either currently or within the last three years, a direct, timed, and publicly accessible service that brings passengers to within one-third (1/3) mile of the proposed commercial or employment location from a mass transit hub. A proposed service will not be deemed "comparable" to an existing service if the passengers' proposed travel time will be at least 15 minutes shorter and at least 33% shorter than the existing service's travel time to the proposed destination.
- e. Reserved.

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- f. Grantees must be either: (1) a public transit agency or transit district that directly operates the shuttle/feeder bus service; or (2) a city, county, or any other public agency.
- g. Applicants must submit a letter of concurrence from all transit districts or transit agencies that provide service in the area of the proposed route, certifying that the service does not conflict with existing service.
- h. Each route must meet the cost-effectiveness requirement in Policy #2. Projects that would operate in Highly Impacted Communities or Episodic Areas as defined in the Air District Community Air Risk Evaluation (CARE) Program, or in Priority Development Areas (PDAs), may qualify for funding at a higher cost-effectiveness limit (see Policy #2).

**29. Pilot Projects:**

**a. Pilot Shuttle/Feeder Bus Service:**

The project provides new shuttle/feeder bus service that is at least 70% unique and operates where no other service was provided within the past three years. In addition to meeting the conditions listed in Policy #28 for shuttle/feeder bus service, project applicants must also comply with the following application criteria and agree to comply with the project implementation requirements.

- i. Demonstrate the project will reduce single-occupancy vehicle trips and result in a reduction in emissions of criteria pollutants.
- ii. Provide data and/or other evidence demonstrating the public's need for the service, such as a demand assessment survey and letters of support from potential users.
- iii. Provide a written plan showing how the service will be financed in the future and require minimal, if any, TFCA funds to maintain its operation after the pilot period.
- iv. If the local transit provider is not a partner, the applicant must demonstrate that they have attempted to have the service provided by the local transit agency. The transit provider must have been given the first right of refusal and determined that the proposed project does not conflict with existing service;
- v. Projects located in Highly Impacted Communities as defined in the Air District CARE Program and/or a Planned or Potential PDA may receive a maximum of two years of TFCA County Program Manager Funds under the Pilot designation. For these projects, the project applicants understand and must agree that such projects will be evaluated every year, and continued funding will be contingent upon the projects meeting the following requirements:
  - 1. During the first year and by the end of the second year of operation, projects must not exceed a cost-effectiveness of \$500,000/ton
  - 2. Projects entering a third year of operation and beyond are subject to all of the requirements, including cost-effectiveness limit, of Policy #28 (existing shuttles).
- vi. Projects located outside of CARE areas and PDAs may receive a maximum of two years of TFCA County Program Manager Funds under this designation. For these projects, the project applicant understands and must agree that such projects



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will be evaluated every year, and continued funding will be contingent upon the projects meeting the following requirements:

1. By the end of the first year of operation, projects shall meet a cost-effectiveness of \$500,000/ton, and
2. By the end of the second year of operation, projects shall meet all of the requirements, including cost-effectiveness limit, of Policy #28 (existing shuttles).

**b. Pilot Trip Reduction:**

The project reduces single-occupancy commute vehicle trips by encouraging mode-shift to other forms of shared transportation. Pilot projects are defined as projects that serve an area where no similar service was available within the past three years, or that will result in significantly expanded service to an existing area. Funding is designed to provide the necessary initial capital to a public agency for the start-up of a pilot project so that by the end of the third year of the trip reduction project's operation, the project will be financially self-sustaining or require minimal public funds, such as grants, to maintain its operation.

- i. Applicants must demonstrate the project will reduce single-occupancy commute vehicle trips and result in a reduction in emissions of criteria pollutants;
- ii. The proposed service must be available for use by all members of the public;
- iii. Applicants must provide a written plan showing how the service will be financed in the future and require minimal, if any, TFCA funds to maintain its operation by the end of the third year;
- iv. If the local transit provider is not a partner, the applicant must demonstrate that they have attempted to have the service provided by the local transit agency. The transit provider must have been given the first right of refusal and determined that the proposed project does not conflict with existing service;
- v. Applicants must provide data and any other evidence demonstrating the public's need for the service, such as a demand assessment survey and letters of support from potential users;
- vi. Pilot trip reduction projects that propose to provide ridesharing service projects must comply with all applicable requirements in policy #27.

**30. Bicycle Projects:**

These projects expand public access to bicycle facilities. New bicycle facility projects or upgrades to an existing bicycle facility that are included in an adopted countywide bicycle plan, Congestion Management Program (CMP), countywide transportation plan (CTP), city plan, or the Metropolitan Transportation Commission's (MTC) Regional Bicycle Plan are eligible to receive TFCA funds. Projects that are included in an adopted city general plan or area-specific plan must specify that the purpose of the bicycle facility is to reduce motor vehicle emissions or traffic congestion.

**a. Bicycle Parking:**

The project expands the public's access to new bicycle parking facilities (e.g., electronic bicycle lockers, bicycle racks), which must be publicly accessible and available for use by all members of the public. Eligible projects are limited to the purchase and installation

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of the following types of bike parking facilities that result in motor vehicle emission reductions:

- i. Bicycle racks, including bicycle racks on transit buses, trains, shuttle vehicles, and ferry vessels;
- ii. Electronic bicycle lockers; and
- iii. Capital costs for attended bicycle storage facilities.

**b. Bikeways:**

The project constructs and/or installs bikeways for the purpose of reducing motor vehicle emissions or traffic congestion. Bikeways for exclusively recreational use are ineligible. Projects are limited to the following types of bikeways:

- i. Class I Bikeway (bike path), new or upgrade improvement from Class II or Class III bikeway;
- ii. New Class II Bikeway (bike lane);
- iii. New Class III Bikeway (bike route); and
- iv. Class IV Bikeway (separated bikeway), new or upgrade improvement from Class II or Class III bikeway.

All bikeway projects must, where applicable, be consistent with design standards published in the California Highway Design Manual or conform to the provisions of the Protected Bikeway Act of 2014. Projects must have completed all applicable environmental reviews and either have been deemed exempt by the lead agency or have been issued the applicable negative declaration or environmental impact report or statement.

**31. Bike Share:**

Projects that make bicycles available to individuals for shared use for completing first- and last-mile trips in conjunction with regional transit and stand-alone short distance trips are eligible for TFCA funds, subject to all the following conditions:

- a. Projects must either increase the fleet size of existing service areas or expand existing service areas to include new Bay Area communities.
- b. Projects must have a completed and approved environmental plan and a suitability study demonstrating the viability of bicycle sharing.
- c. Projects must have shared membership and/or be interoperable with the Bay Area Bike Share (BABS) project when they are placed into service, in order to streamline transit for end users by reducing the number of separate operators that would comprise bike trips. Projects that meet one or more of the following conditions are exempt from this requirement:
  - i. Projects that do not require membership or any fees for use;
  - ii. Projects that were provided funding under MTC's Bike Share Capital Program to start a new or expand an existing bike share program; or

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- iii. Projects that attempted to coordinate with, but were refused by, the current BABS operator to have shared membership or be interoperable with BABS. Applicants must provide documentation showing proof of refusal.

TFCA funds may be awarded to pay for up to five years of operations, including the purchase of two-wheeled or three-wheeled vehicles (self-propelled or electric), plus mounted equipment required for the intended service and helmets.

**32. Arterial Management:**

Arterial management grant applications must identify a specific arterial segment and define what improvement(s) will be made to affect traffic flow on the identified arterial segment. Projects that provide routine maintenance (e.g., responding to citizen complaints about malfunctioning signal equipment) are not eligible to receive TFCA funds. Incident management projects on arterials are eligible to receive TFCA funds. Transit improvement projects include, but are not limited to, bus rapid transit and transit priority projects. Signal timing projects are eligible to receive TFCA funds. Each arterial segment must meet the cost-effectiveness requirement in Policy #2.

**33. Infrastructure Improvements for Trip Reduction:**

The project expands the public's access to alternative transportation modes through the design and construction of physical improvements that support development projects that achieve motor vehicle emission reductions.

- a. The development project and the physical improvement must be identified in an approved area-specific plan, redevelopment plan, general plan, bicycle plan, pedestrian plan, traffic-calming plan, or other similar plan.
- b. The project must implement one or more transportation control measures (TCMs) in the most recently adopted Air District plan for State and national ambient air quality standards. Pedestrian projects are eligible to receive TFCA funds.
- c. The project must have a completed and approved environmental plan. If a project is exempt from preparing an environmental plan as determined by the public agency or lead agency, then that project has met this requirement.

- 34. Telecommuting:** Implementation of demonstration projects in telecommuting. No funds expended pursuant to this paragraph for telecommuting projects shall be used for the purchase of personal computing equipment for an individual's home use.

**PROPOSED UPDATES TO THE**  
**TFCA COUNTY PROGRAM MANAGER FUND POLICIES FOR FYE 2022**

The following Policies apply to the Bay Area Air Quality Management District’s (Air District) Transportation Fund for Clean Air (TFCA) County Program Manager Fund for fiscal year ending (FYE) ~~2021~~2022.

**BASIC ELIGIBILITY**

- Reduction of Emissions:** Only projects that result in the reduction of motor vehicle emissions within the Air District’s jurisdiction are eligible.

Projects must conform to the provisions of the California Health and Safety Code (HSC) sections 44220 et seq. and these Air District Board of Directors adopted TFCA County Program Manager Fund Policies.

Projects must achieve surplus emission reductions, i.e., reductions that are beyond what is required through regulations, ordinances, contracts, and other legally binding obligations at the time of the execution of a grant agreement between the County Program Manager and the grantee. Projects must also achieve surplus emission reductions at the time of an amendment to a grant agreement if the amendment modifies the project scope or extends the project completion deadline.

- TFCA Cost-Effectiveness:** Projects must not exceed the maximum cost-effectiveness (C-E) limit specified in Table 1. Cost-effectiveness (\$/weighted ton) is the ratio of TFCA funds awarded to the sum of surplus emissions reduced, during a project’s operational period, of reactive organic gases (ROG), nitrogen oxides (NOx), and weighted PM10 (particulate matter 10 microns in diameter and smaller). All TFCA-generated funds (e.g., reprogrammed TFCA funds) that are awarded or applied to a project must be included in the evaluation. For projects that involve more than one independent component (e.g., more than one vehicle purchased, more than one shuttle route), each component must achieve this cost-effectiveness requirement.

County Program Manager administrative costs are excluded from the calculation of a project’s TFCA cost-effectiveness.

**Table 1: Maximum Cost-Effectiveness for TFCA County Program Manager Fund Projects**

Policy No.	Project Category	Maximum C-E (\$/weighted ton)
22	Alternative Fuel Light- <del>and Medium</del> -Duty Vehicles	500,000
23	Reserved	Reserved
24	Alternative Fuel Heavy-Duty <del>Vehicles</del> <u>Trucks</u> and Buses	500,000
25	On-Road <del>Goods Movement</del> Truck Replacements	90,000
26	Alternative Fuel Infrastructure	<del>250,000</del> 500,000*

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27	Ridesharing Projects -- Existing	150,000
<del>28.a-h.</del>	Shuttle/Feeder Bus Service – Existing	200,000; 250,000 for services in CARE Areas or PDAs
29.a.	Shuttle/Feeder Bus Service -- Pilot <u>shuttle projects not in CARE Areas or PDAs. These projects will be evaluated every year.</u>	Year 1 - <del>250</del> 500,000 Year 2 and beyond - see Policy # <del>28.a-h.</del> <u>shuttle is considered existing</u>
	Shuttle/Feeder Bus Service – Pilot <u>shuttle projects located in Highly Impacted Communities as defined in the Air District CARE Areas Program and/or PDAs a Planned or Potential PDA may receive TFCA Funds under the Pilot designation. These projects will be evaluated every year.</u>	Years 1 & 2 - 500,000 Year 3 and beyond - see Policy # <del>28.a-h.</del> <u>shuttle is considered existing</u>
29.b.	Pilot Trip Reduction	500,000
30.a.	<del>Bicycle Projects</del> <del>Bikeways</del> Bicycle Parking	<del>500,000</del> 250,000
30.b.	<u>Bikeways</u>	<u>500,000</u>
31	Bike Share	500,000
32	Arterial Management	<del>175</del> 250,000
33	<del>Smart Growth/Traffic Calming</del> <u>Infrastructure Improvements for Trip Reduction</u>	<del>175</del> 250,000
34	<u>Telecommuting</u>	<u>150,000</u>

~~\*This higher C-E limit is for projects that install electric vehicle charging stations at multi-dwelling units, transit stations, and park-and-ride lot facilities.~~

- Eligible Projects and Case-by-Case Approval:** Eligible projects are those that conform to the provisions of the HSC section 44241, Air District Board-adopted policies, and Air District guidance. On a case-by-case basis, County Program Managers must receive approval by the Air District for projects that are authorized by the HSC section 44241 and achieve Board-adopted TFCA cost-effectiveness but do not fully meet other Board-adopted Policies.
- Consistent with Existing Plans and Programs:** All projects must comply with the Transportation Control and Mobile Source Control Measures included in the Air District's most recently approved strategies for achieving and maintaining State and national ozone standards, (2017 Clean Air Plan), those plans and programs established pursuant to HSC sections 40233, 40717, and 40919; and, when specified, other adopted federal, State, regional, and local plans and programs.

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5. **Eligible Recipients:** Grant recipients must be responsible for the implementation of the project, have the authority and capability to complete the project, and be an applicant in good standing with the Air District (Policies #8-10).
  - a. **Public agencies** are eligible to apply for all project categories.
  - b. **Non-public entities** are ~~only~~ eligible to apply for only new alternative-fuel (light, medium, and heavy-duty) vehicle and infrastructure projects, and advanced technology demonstrations that are permitted pursuant to HSC section 44241(b)(7).
6. **Readiness:** Projects must commence by the end of calendar year ~~2021~~2022 or within 24 months from the date of execution of the funding agreement with the subgrantee. For purposes of this policy, “commence” means a tangible preparatory action taken in connection with the project’s operation or implementation, for which the grantee can provide documentation of the commencement date and action performed. “Commence” includes, but is not limited to, the issuance of a purchase order to secure project vehicles and equipment, commencement of shuttle/feeder bus and ridesharing service, or the delivery of the award letter for a construction contract.
7. **Maximum Two Years Operating Costs for Service-Based Projects:** Unless otherwise specified in policies #22 through #33, TFCA County Program Manager Funds may be used to support up to two years of operating costs for service-based projects (e.g., ridesharing, shuttle and feeder bus service). Grant applicants that seek TFCA funds for additional years must reapply for funding in the subsequent funding cycles.

**APPLICANT IN GOOD STANDING**

8. **Independent Air District Audit Findings and Determinations:** Grantees who have failed either the financial statement audit or the compliance audit for a prior TFCA-funded project awarded by either County Program Managers or the Air District are excluded from receiving an award of any TFCA funds for three (3) years from the date of the Air District’s final audit determination in accordance with HSC section 44242 or for a duration determined by the Air District Air Pollution Control Officer (APCO). Existing TFCA funds already awarded to the project sponsor will not be released until all audit recommendations and remedies have been satisfactorily implemented. A failed financial statement audit means a final audit report that includes an uncorrected audit finding that confirms an ineligible expenditure of TFCA funds. A failed compliance audit means an uncorrected audit finding that ~~he confirms a~~ program or project was not implemented in accordance with the applicable Funding Agreement or grant agreement.

A failed financial statement or compliance audit of the County Program Manager or its grantee may subject the County Program Manager to a reduction of future revenue in an amount equal to the amount which was inappropriately expended pursuant to the provisions of HSC section 44242(c)(3).

9. **Authorization for County Program Manager to Proceed:** Only a fully executed Funding Agreement (i.e., signed by both the Air District and the County Program Manager) constitutes the Air District’s award of County Program Manager Funds. County Program Managers may incur costs (i.e., contractually obligate itself to allocate County Program Manager Funds) only after the Funding Agreement with the Air District has been executed.
10. **Maintain Appropriate Insurance:** Both the County Program Manager and each grantee must obtain and maintain general liability insurance, workers compensation insurance, and additional insurance

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as appropriate for specific projects, with required coverage amounts provided in Air District guidance and final amounts specified in the respective grant agreements.

**INELIGIBLE PROJECTS**

11. **Duplication:** Projects that have previously received any TFCA funds, e.g., TFCA Regional Funds or County Program Manager Funds, and that do not propose to achieve additional emission reductions are not eligible.
12. **Planning Activities:** The costs of preparing or conducting feasibility studies are not eligible. Planning activities are not eligible unless they are directly related to the implementation of a specific project or program.
13. **Reserved.**
14. **Cost of Developing Proposals and Grant Applications:** The costs to prepare proposals and/or grant applications are not eligible.

**USE OF TFCA FUNDS**

15. **Combined Funds:** TFCA County Program Manager Funds may not be combined with TFCA Regional Funds to fund a County Program Manager Fund project. Projects that are funded by the TFCA County Program Manager Fund are not eligible for additional funding from other funding sources that claim emissions reduction credits. However, County Program Manager-funded projects may be combined with funds that do not require emissions reductions for funding eligibility.
16. **Administrative Costs:** The County Program Manager may not expend more than 6.25 percent of its County Program Manager Funds for its administrative costs. The County Program Manager's costs to prepare and execute its Funding Agreement with the Air District are eligible administrative costs. Interest earned on County Program Manager Funds shall not be included in the calculation of the administrative costs. To be eligible for reimbursement, administrative costs must be clearly identified in the expenditure plan application and in the Funding Agreement, and must be reported to the Air District.
17. **Expend Funds within Two Years:** County Program Manager Funds must be expended within two (2) years of receipt of the first transfer of funds from the Air District to the County Program Manager in the applicable fiscal year, unless a County Program Manager has made the determination based on an application for funding that the eligible project will take longer than two years to implement. Additionally, a County Program Manager may, if it finds that significant progress has been made on a project, approve no more than two one-year schedule extensions for a project. Any subsequent schedule extensions for projects can only be given on a case-by-case basis, if the Air District finds that significant progress has been made on a project, and the Funding Agreement is amended to reflect the revised schedule.
18. **Unallocated Funds:** Pursuant to HSC 44241(f), any County Program Manager Funds that are not allocated to a project within six months of the Air District Board of Directors approval of the County Program Manager's Expenditure Plan may be allocated to eligible projects by the Air District. The Air District shall make reasonable effort to award these funds to eligible projects in the Air District within the same county from which the funds originated.
19. Reserved.
20. Reserved.

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21. Reserved.

**ELIGIBLE PROJECT CATEGORIES**

Clean Air Vehicle Projects

**22. Alternative Fuel Light- ~~and Medium~~-Duty Vehicles:**

These projects are intended to accelerate the deployment of ~~qualifying alternative fuel~~ zero- and partial-zero emissions motorcycles, cars, and light-duty vehicles ~~that operate within the Air District's jurisdiction~~. All of the following conditions must be met for a project to be eligible for TFCA funds:

- a. Vehicles must ~~be new (model year 2020 or newer) and~~ have a gross vehicle weight rating (GVWR) of 8,500 lbs. or lower.;
- b. Vehicles ~~must be~~ may be purchased or leased;
  - i. ~~Eligible vehicle types include plug-in hybrid-electric, plug-in electric, or fuel cell vehicles that are approved by the California Air Resources Board (CARB) for on-road use~~
- c. , and neighborhood electric vehicles (NEV) as defined in the California Vehicle Code. Vehicles must also be approved by the CARB;  
~~—Vehicles that are solely powered by gasoline, diesel, or natural gas, and retrofit projects are not eligible.;~~
- d. ~~Vehicles must be maintained and operated within the Air District's jurisdiction~~;
- e. The total amount of TFCA funds awarded may not exceed 90% of the project's eligible cost; the sum of TFCA funds awarded with all other grants and applicable manufacturer and local/state/federal rebates and discounts may not exceed total project costs;
- ~~d.f.~~ Grantees may request authorization of up to 100% of the TFCA Funds awarded for each vehicle to be used to pay for costs directly related to the purchase and installation of alternative fueling infrastructure and/or equipment used to power the new vehicle.; and
- ~~e.g.~~ Projects that seek to replace a vehicle in the same weight-class as the proposed new vehicle may qualify for additional TFCA funding. Costs related to the scrapping and/or dismantling of the existing vehicle are not eligible for reimbursement with TFCA funds.

23. Reserved.

**24. Alternative Fuel Heavy-Duty ~~Vehicles~~ Trucks and Buses:**

These projects are intended to accelerate the deployment of qualifying alternative fuel vehicles that operate within the Air District's jurisdiction by encouraging the replacement of older, compliant trucks and buses with the cleanest available technology. If replacing heavy-duty vehicles and buses with light-duty vehicles, light-duty vehicles must meet Policy #22. All of the following conditions must be met for a project to be eligible for TFCA Funds:

- a. Each vehicle must be new and have a GVWR greater than 8,500 lbs.;
- b. Vehicles may be purchased or leased;
- ~~b.c.~~ Eligible vehicle types include plug-in hybrid, plug-in electric, and fuel cell vehicles. Vehicles must also be approved by the CARB.;



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~~—Vehicles that are solely powered by gasoline, diesel, or natural gas and retrofit projects are not eligible;~~

~~e.d. Vehicles must be maintained and operated within the Air District's jurisdiction.;~~

~~d.e. The total amount of TFCA funds awarded combined may not exceed 90% of the project's eligible cost; the sum of TFCA funds awarded with all other grants and applicable manufacturer and local/state/federal rebates and discounts may not exceed 90% of the project's eligible cost total project costs;~~

~~Vehicles that are solely powered by gasoline, diesel, or natural gas and retrofit projects are not eligible.~~

~~e.f. Grantees may request authorization of up to 100% of the TFCA Funds awarded for each vehicle to be used to pay for costs directly related to the purchase and installation of alternative fueling infrastructure and/or equipment used to power the new vehicle.;~~ and

~~g. Projects that seek to replace a vehicle in the same weight class as the proposed new vehicle, may qualify for additional TFCA funding. Costs related to the scrapping and/or dismantling of the existing vehicle are not eligible for reimbursement with TFCA funds.~~

25. **On-Road ~~Goods Movement~~ Truck Replacements:** These projects will replace Class 6, Class 7, and Class 8 diesel-powered trucks that have a gross vehicle weight rating (GVWR) of 19,501 lbs. or greater (per vehicle weight classification definition used by Federal Highway Administration (FHWA) with new or used trucks that have an engine certified to the 2010 CARB emissions standards or cleaner. ~~Eligible vehicles are those that are used for goods movement as defined by CARB.~~ The existing truck(s) to be replaced must be registered with the California Department of Motor Vehicles (DMV) to an address within the Air District's jurisdiction, and must be scrapped after replacement.

26. **Alternative Fuel Infrastructure:** ~~These projects are intended to accelerate the adoption of zero-emissions vehicles through the deployment of alternative fuel infrastructure, i.e., electric vehicle charging sites, hydrogen fueling stations.~~

Eligible refueling infrastructure projects include new dispensing and charging facilities, or additional equipment or upgrades and improvements that expand access to existing alternative fuel fueling/charging sites ~~(i.e., electric vehicle, hydrogen).~~ This includes upgrading or modifying private fueling/charging sites or stations to allow public and/or shared fleet access. TFCA funds may be used to cover the cost of equipment and installation. TFCA funds may also be used to upgrade infrastructure projects previously funded with TFCA funds as long as the equipment was maintained and has exceeded the duration of its useful life after being placed into service.

Equipment and infrastructure must be designed, installed, and maintained as required by the existing recognized codes and standards and as approved by the local/state authority.

TFCA funds may not be used to pay for fuel, electricity, operation, and maintenance costs. ~~Projects that include installation of charging stations at multi-dwelling units, transit stations, and park-and-ride lot facilities qualify for funding at a higher cost-effectiveness limit (see Policy #2).~~

Trip Reduction Projects

27. **Existing Ridesharing Services:** The project ~~will~~ provides carpool, vanpool, or other rideshare services. Projects that provide a direct or indirect financial transit or rideshare subsidy are also

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eligible under this category. Projects that provide a direct or indirect financial transit or rideshare subsidy *exclusively* to employees of the grantee are not eligible.

**28. Existing Shuttle/Feeder Bus Service:**

The project ~~will~~ reduces single-occupancy vehicle trips by providing short-distance connections between mass transit and commercial hubs or employment centers. All ~~of~~ the following conditions must be met for a project to be eligible for TFCA funds:

- a. The service must provide direct connections between a mass transit hub (e.g., a rail or Bus Rapid Transit (BRT) station, ferry or bus terminal, or airport) and a distinct commercial or employment location.
- b. The service's schedule, which is not limited to commute hours, must be coordinated to have a timely connection with corresponding mass transit service.
- c. The service must be available for use by all members of the public.
- d. TFCA funds may be used to fund only shuttle services to locations that are under-served and lack other comparable service. For the purposes of this policy, "comparable service" means that there exists, either currently or within the last three years, a direct, timed, and publicly accessible service that brings passengers to within one-third (1/3) mile of the proposed commercial or employment location from a mass transit hub. A proposed service will not be deemed "comparable" to an existing service if the passengers' proposed travel time will be at least 15 minutes shorter and at least 33% shorter than the existing service's travel time to the proposed destination.
- e. Reserved.
- f. Grantees must be either: (1) a public transit agency or transit district that directly operates the shuttle/feeder bus service; or (2) a city, county, or any other public agency.
- g. Applicants must submit a letter of concurrence from all transit districts or transit agencies that provide service in the area of the proposed route, certifying that the service does not conflict with existing service.
- h. Each route must meet the cost-effectiveness requirement in Policy #2. Projects that would operate in Highly Impacted Communities or Episodic Areas as defined in the Air District Community Air Risk Evaluation (CARE) Program, or in Priority Development Areas (PDAs), may qualify for funding at a higher cost-effectiveness limit (see Policy #2).

**29. Pilot Projects:**

a. **Pilot Shuttle/Feeder Bus Service ~~Projects~~:**

These projects ~~are~~ provides new shuttle/feeder bus service ~~routes~~ that ~~are~~ is at least 70% unique and operates where no other service was provided within the past three years. In addition to meeting the conditions listed in Policy #28 ~~a-h~~ for shuttle/feeder bus service, project applicants must also comply with the following application criteria and agree to comply with the project implementation requirements:

- i. Demonstrate the project will reduce single-occupancy vehicle trips and result in a reduction in emissions of criteria pollutants.

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- ii. Provide data and/or other evidence demonstrating the public's need for the service, ~~including such as~~ a demand assessment survey and letters of support from potential users.
  - iii. Provide a written plan showing how the service will be financed in the future and require minimal, if any, TFCA funds to maintain its operation after the pilot period;
  - iv. ~~Provide a letter from~~ if the local transit ~~agency denying service to the project's proposed service area, which includes the basis for denial of service to the proposed areas. The provider is not a partner, the~~ applicant must demonstrate that ~~the project applicant has~~ they have attempted to ~~coordinate~~ have the service ~~with the local service provider and has provided the results of the demand assessment survey to~~ by the local transit agency. ~~The applicant must provide the transit service provider's evaluation of the need for the shuttle service to the proposed area. Pilot projects~~ provider must have been given the first right of refusal and determined that the proposed project does not conflict with existing service;
  - v. Projects located in Highly Impacted Communities as defined in the Air District CARE Program and/or a Planned or Potential PDA may receive a maximum of ~~three~~ two years of TFCA County Program Manager Funds under the Pilot designation. For these projects, the project applicants understand and must agree that such projects will be evaluated every year, and continued funding will be contingent upon the projects meeting the following requirements:
    1. During the first year and by the end of the second year of operation, projects must not exceed a cost-effectiveness of \$500,000/ton, ~~and~~
    2. ~~By the end of the~~ Projects entering a third year of operation, ~~projects must meet and beyond are subject to~~ all of the requirements, including cost-effectiveness limit, of Policy #28-~~a-h~~.
  - vi. Projects located outside of CARE areas and PDAs may receive a maximum of two years of TFCA County Program Manager Funds under this designation. For these projects, the project applicant understands and must agree that such projects will be evaluated every year, and continued funding will be contingent upon the projects meeting the following requirements:
    1. By the end of the first year of operation, projects shall meet a cost-effectiveness of ~~\$250~~ 500,000/ton, and
    2. By the end of the second year of operation, projects shall meet all of the requirements, including cost-effectiveness limit, of Policy #28-~~a-h~~ (existing shuttles).
- b. Pilot Trip Reduction:**
- The project ~~will reduce~~ s single-occupancy commute-~~hour~~ vehicle trips by encouraging mode-shift to other forms of shared transportation. Pilot projects are defined as projects that serve an area where no similar service was available within the past three years, or that will result in significantly expanded service to an existing area. Funding is designed to provide the necessary initial capital to a public agency for the start-up of a

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pilot project so that by the end of the third year of the trip reduction project's operation, the project will be financially self-sustaining or require minimal public funds, such as grants, to maintain its operation. ~~All the following conditions must be met for a project to be eligible for TFCA funds:~~

- i. Applicants must demonstrate the project will reduce single-occupancy commute-~~hour~~ vehicle trips and result in a reduction in emissions of criteria pollutants;
- ii. The proposed service must be available for use by all members of the public;
- iii. Applicants must provide a written plan showing how the service will be financed in the future and require minimal, if any, TFCA -funds to maintain its operation by the end of the third year;
- iv. If the local transit provider is not a partner, the applicant must demonstrate that they have attempted to have the service provided by the local transit agency. The transit provider must have been given the first right of refusal and determined that the proposed project does not conflict with existing service;
- v. Applicants must provide data and any other evidence demonstrating the public's need for the service, including such as a demand assessment survey and letters of support from potential users;
- vi. Pilot trip reduction projects that propose to provide ridesharing service projects must comply with all applicable requirements in policy #27.

**30. Bicycle Projects:**

These projects expand public access to bicycle facilities: New bicycle facility projects or upgrades to an existing bicycle facility that are included in an adopted countywide bicycle plan, Congestion Management Program (CMP), countywide transportation plan (CTP), city plan, or the Metropolitan Transportation Commission's (MTC) Regional Bicycle Plan are eligible to receive TFCA funds. Projects that are included in an adopted city general plan or area-specific plan must specify that the purpose of the bicycle facility is to reduce motor vehicle emissions or traffic congestion.

**a. Bicycle Parking:**

The project ~~will~~ expands the public's access to new bicycle parking. ~~The facilities (e.g., electronic bicycle lockers and bicycle racks), which~~ must be publicly accessible and available for use by all members of the public.

Eligible projects are limited to the purchase and installation of the following types of bike parking facilities that result in motor vehicle emission reductions:

- i. Bicycle racks, including bicycle racks on transit buses, trains, shuttle vehicles, and ferry vessels;
- ii. Electronic bicycle lockers; and
- iii. Capital costs for attended bicycle storage facilities; ~~and~~
- ~~iv. Purchase of two-wheeled or three-wheeled vehicles (self-propelled or electric), plus mounted equipment required for the intended service and helmets.~~

**b. Bikeways:**

**Agenda #4, Attachment B**  
**Proposed TFCA County Program Manager Fund Policies for FYE 2022**  
**(redlined version of Board-approved TFCA CPM Fund Policies for FYE 2021)**

The project constructs and/or installs bikeways for the purpose of reducing motor vehicle emissions or traffic congestion. Bikeways for exclusively recreational use are ineligible. Projects are limited to the following types of bikeways:

- i. Class I Bikeway (bike path), new or upgrade improvement from Class II or Class III bikeway;
- ii. New Class II Bikeway (bike lane);
- iii. New Class III Bikeway (bike route); and
- ~~iv.~~ Class IV Bikeway (separated bikeway), new or upgrade improvement from Class II or Class III bikeway;

~~v.~~ iv.

All ~~bicycle facility~~ bikeway projects must, where applicable, be consistent with design standards published in the California Highway Design Manual, or conform to the provisions of the Protected Bikeway Act of 2014. Projects must have completed all applicable environmental reviews and either have been deemed exempt by the lead agency or have been issued the applicable negative declaration or environmental impact report or statement.

### 31. Bike Share:

Projects that make bicycles available to individuals for shared use for completing first- and last-mile trips in conjunction with regional transit and stand-alone short distance trips are eligible for TFCA funds, subject to all ~~of~~ the following conditions:

- a. Projects must either increase the fleet size of existing service areas or expand existing service areas to include new Bay Area communities.
- b. Projects must have a completed and approved environmental plan and a suitability study demonstrating the viability of bicycle sharing.
- c. Projects must have shared membership and/or be interoperable with the Bay Area Bike Share (BABS) project when they are placed into service, in order to streamline transit for end users by reducing the number of separate operators that would comprise bike trips. Projects that meet one or more of the following conditions are exempt from this requirement:
  - i. Projects that do not require membership or any fees for use, ~~or~~;
  - ii. Projects that were provided funding under MTC's Bike Share Capital Program to start a new or expand an existing bike share program; or
  - iii. Projects that attempted to coordinate with, but were refused by, the current BABS operator to have shared membership or be interoperable with BABS. Applicants must provide documentation showing proof of refusal.

Projects ~~TFCA funds~~ may be awarded ~~FYE 2021 TFCA funds~~ to pay for up to five years of operations, including the purchase of two-wheeled or three-wheeled vehicles (self-propelled or electric), plus mounted equipment required for the intended service and helmets.

**Agenda #4, Attachment B**  
**Proposed TFCA County Program Manager Fund Policies for FYE 2022**  
**(redlined version of Board-approved TFCA CPM Fund Policies for FYE 2021)**

**32. Arterial Management:**

Arterial management grant applications must identify a specific arterial segment and define what improvement(s) will be made to affect traffic flow on the identified arterial segment. Projects that provide routine maintenance (e.g., responding to citizen complaints about malfunctioning signal equipment) are not eligible to receive TFCA funds. Incident management projects on arterials are eligible to receive TFCA funds. Transit improvement projects include, but are not limited to, bus rapid transit and transit priority projects. Signal timing projects are eligible to receive TFCA funds. Each arterial segment must meet the cost-effectiveness requirement in Policy #2.

**33. ~~Smart Growth/Traffic Calming Infrastructure Improvements for Trip Reduction:~~**

~~Physical improvements~~ The project expands the public's access to alternative transportation modes through the design and construction of physical improvements that support development projects and/or calm traffic, resulting in that achieve motor vehicle emission reductions, are eligible for TFCA funds, subject to the following conditions:

- a. The development project and the physical improvements must be identified in an approved area-specific plan, redevelopment plan, general plan, bicycle plan, pedestrian plan, traffic-calming plan, or other similar plan.
- b. The project must implement one or more transportation control measures (TCMs) in the most recently adopted Air District plan for State and national ambient air quality standards. Pedestrian projects are eligible to receive TFCA funds.
- c. The project must have a completed and approved environmental plan. If a project is exempt from preparing an environmental plan as determined by the public agency or lead agency, then that project has met this requirement.

~~Traffic calming projects are limited to physical improvements that achieve motor vehicle emission reductions by designing and improving safety conditions for pedestrians, bicyclists or transit riders in residential retail, and employment areas.~~

**34. Telecommuting:** Implementation of demonstration projects in telecommuting. No funds expended pursuant to this paragraph for telecommuting projects shall be used for the purchase of personal computing equipment for an individual's home use.



Committer and Organization	Comments received from CPMs (CPMs) between May 29 – August 31, 2020	Air District Staff's Responses
<p><b>Bill Hough,</b>            Santa Clara Valley Transportation Authority</p>	<p><b>Policy 2. TFCA Cost-Effectiveness</b></p> <p>Currently, the cost-effectiveness limit for Arterial Management projects is \$175,000 while similar limits for other project categories, such as Bicycle and Shuttle projects is \$250,000 and up. VTA urges the C-E limits for Arterial Management projects be increased to \$250,000 for consistency.</p> <p>Arterial management projects are some of the most cost-effective projects funded with TFCA County Program Manager Funds, especially in Santa Clara County which historically has had an automobile-dependent suburban development pattern. It will take some time to see an increase in the use of alternative-fueled, cleaner vehicles. Until then, excessive delay/idling and stop-start driving of gasoline-powered motor vehicles will continue to be a major source of pollutants in Santa Clara County. Through arterial management/signal timing projects, the air pollutant emissions created by the great majority of travelers in Santa Clara County are reduced. It is these far-ranging impacts that make signal timing projects one of the best investments for TFCA funds and why we recommend an increase in C-E limits for these projects.</p>	<p>Staff is recommending a proposed increase to the maximum cost-effectiveness threshold for Arterial Management project category, up to \$250,000 from \$175,000.</p>
	<p><b>Policy 2. TFCA Cost-Effectiveness</b></p> <p>The existing wording relating to cost-effectiveness requirements for pilot shuttle projects is very confusing, difficult to understand, and should be rewritten for clarity:</p> <p><i>Pilot shuttle projects located in Highly Impacted Communities as defined in the Air District CARE Program and/or a Planned or Potential PDA may receive TFCA Funds under the Pilot designation. These projects will be evaluated every year. Cost-effectiveness requirements for these projects are as follows:</i></p> <p><i>Years 1 and 2: \$500,000</i></p> <p><i>Years 3 and beyond; shuttle is considered existing: \$250,000</i></p> <p><i>Cost-effectiveness requirements for pilot shuttle projects located outside of CARE areas and/or PDAs are as follows:</i></p>	<p>As requested, staff is recommending proposed updates to clarify the language for Policy 2.</p>

	<p>Year 1: \$250,000                  Years 2 and beyond: \$200,000</p>	
	<p><b>Policy 17. Expend Funds within Two Years</b></p> <p>There is a conflict with this policy in the TFCA CPM program guidance which says, <i>“Beginning in FYE 2017, the Air District and the CPMs were directed to enforce the two-year time limit for bicycle projects (i.e., any projects under Policy #30), the CPMs should cancel any projects that are not completed within the two-year time limit, and the Air District will not consider any extension requests for bicycle projects that have already been granted a two-year extension from the County Program Manager.”</i> This guidance is justified by direction to BAAQMD staff provided by the Air District’s Mobile Source Committee members on October 22, 2015.</p> <p>This guidance from the Mobile Source Committee was never adopted by the BAAQMD Board and is therefore not legally binding on the CPMs. If BAAQMD wants to implement this “no time extensions for bike projects” policy, there needs to be a formal revision to Policy 17 approved by the full BAAQMD Board of Directors. VTA does <b>not</b> support such a change and recommends that the MSC language be removed from the guidance.</p>	<p>Noted. Staff will be working with County Program Managers (CPMs) over this next year to review the requirement and update the Guidance document and/or policy.</p>
	<p><b>Policy 18. Unallocated Funds</b></p> <p>This policy states that <i>any County Program Manager Funds that are not allocated to a project within six months of the Air District Board of Directors approval of the County Program Manager’s Expenditure Plan may be allocated to eligible projects by the Air District.</i> In order to comply with the “program within six months” rule, sponsors need to be able to perform cost-effectiveness calculations using the current spreadsheets. Since the revised spreadsheets are issued late every year, this policy needs to be deleted or modified to allow for more time.</p>	<p>Staff will work with the CPMs to develop a streamlined process to update and release the cost-effectiveness worksheets to help address this concern.</p>
	<p>New Policy: Consider new Trip Reduction policy for projects that encourage telecommuting. Possible examples might include projects that improve networks, bandwidth or telecommuting software.</p>	<p>Noted. Staff has included a recommendation for a new policy, Policy 34, to offer funding to these types of projects.</p>



<p><b>Peter Engel,</b>                  Contra Costa                  Transportation                  Authority</p>	<p><b>Policy 22.c. Alternative Fuel Light-Duty Vehicles</b>                  Who will be required to verify if a vehicle is approved by CARB?</p>	<p>Staff will work with the CPMs to clarify this question in the Guidance.</p>
	<p><b>Policy 22.e. Alternative Fuel Light-Duty Vehicles</b>                  Can a vehicle be operated outside BAAQMD area at any time or at some percentage?</p>	<p>Yes. Staff will work with the CPMs to clarify this question in the Guidance.</p>
	<p><b>Policy 27. Existing Ridesharing Services</b>                  We have a real issue with this added language. "Ride Matching services" needs to be very clearly defined. We provide rideshare incentives to encourage mode shift from SOVs. To my knowledge MTC does not provide funding to counties; they used to but stopped about 5 years ago. We have provided successful rideshare programs for many years, recently MTC has presented regional rideshare initiatives without an engagement of our CPM programs. I have feared for a while this activity would lead to the addition of the proposed paragraph. I think prior to imposing this there needs to be a regional discussion on this issue. I'm not disputing the requirement that we cannot double count or pay twice for the same trip.</p>	<p>Staff has removed this proposed language and will work with CPMs and MTC to develop additional guidance as needed.</p>
	<p><b>Policy 31. Bike Share</b>                  The part moved from Bicycle facilities. We would like to find a way to provide rebates to individuals to purchase e-bikes/scooters. Bikeshare programs are difficult in rural and suburban areas and we believe rebates will get clean micromobility options into use to replace car trips. Can this be made an option outside of the "bikeshare" program/policy?</p>	<p>Although there are some legal limitations to use of TFCA, staff will continue to work with the CPMs to explore potential options for funding projects that involve e-bikes.</p>
<p><b>Dana Turrey,</b>                  Sonoma                  County                  Transportation                  Authority</p>	<p><b>Policy 24.f. Alternative Fuel Heavy Duty Trucks and Buses</b>                  The restriction of 90% of project costs coverage with a combination of all grants should not apply to transit. Transit regularly funds vehicle purchases exclusively through grants and local operators often do not have other general funds available for capital projects.</p>	<p>Staff is recommending proposed language to provide additional clarity on this requirement.</p>
	<p><b>Policy 26. Alternative Fuel Infrastructure</b>                  This policy should include fueling infrastructure for public transit vehicles, as it is permitted for light duty personal vehicles.</p>	<p>Noted. Staff will provide clarification in the Guidance.</p>
	<p><b>Policy 27. Existing Rideshare Services</b></p>	<p>Staff has removed this proposed language and will work with CPMs and</p>

	<p>There is not enough clarity on MTC's program to exclude funding of a similar program. We currently do not have details on where MTC will be focusing their outreach efforts and would not want to exclude local and targeted outreach efforts or incentives.</p>	<p>MTC to develop additional guidance as needed.</p>
<p><b>Mike Pickford,</b>                  San Francisco                  County                  Transportation                  Authority</p>	<p><b>Policy 22. Alternative Fuel Light- and Medium-Duty Vehicles</b></p> <p>We agree with the idea of encouraging leveraging by restricting TFCA funds to cover up to 90% of a project's cost, however, we recommend that TFCA policies be agnostic as to the source of the remaining funds. We think it is counterproductive to make implementation of projects more difficult by imposing additional requirements on the source of the additional 10% of a project's cost. This issue applies to both light-duty and heavy-duty vehicles.</p>	<p>Staff is recommending proposed language to provide additional clarity on this requirement</p>
	<p><b>Policy 27. Existing Rideshare Services</b></p> <p>Please provide a definition of what is included in MTC's TFCA-funded regional ridesharing program and additional clarification on how the Air District would determine whether a ridesharing project is in conflict with MTC's program, so that CPM fund applicants can have confidence that their proposed projects will be eligible.</p>	<p>Staff has removed this proposed language and will work with CPMs and MTC to develop additional guidance as needed.</p>
	<p><b>Policy 29. Pilot Projects</b></p> <ul style="list-style-type: none"> <li>• Policy 29a.iv.: We support the proposed modifications to requirements on the involvement of local transit providers in proposed TFCA projects. The proposed language includes a more realistic process for advancing a project without requiring extensive investment that a transit provider may be unwilling to provide.</li> <li>• Policy 29b.i.: We recommend eliminating the requirement that projects reduce "commute-hour" trips. The policies do not provide a definition of "commute-hour", so this requirement is not clear. Additionally, all projects are required to meet cost effectiveness thresholds, regardless of time of day of operation, so this requirement unnecessarily disqualifies projects that serve major employers, such as hospitals, that may not conform to traditional notions of peak commuting behavior. The Air District could address this issue by eliminating the word "hour", so that the policy would still focus on "single-occupancy commute vehicle trips".</li> </ul>	<p>Noted. Staff is recommending proposed language to clarify the intent of Policy 29b.i.</p>

	<p><b>Policy 30. Bicycle Projects</b></p> <ul style="list-style-type: none"> <li>• We recommend that the Air District not strike the language permitting purchase of bicycles and related equipment, but instead move this language under a new subsection of Policy 30 specifically intended to facilitate bicycle purchase and subsidy projects (e.g. projects that subsidize the purchase, or long-term loan/rental of bicycles for police departments, school districts, or individuals). Further, we recommend that e-bikes be specifically called out as eligible.</li> <li>• Policy 30b.: We recommend eliminating the proposed language stating that bikeways cannot be used exclusively for recreational use. This requirement appears difficult to enforce and unnecessary, as project sponsors are already required to demonstrate a cost effective emissions reduction, regardless of trip purpose. Additionally, this requirement could have a chilling effect on project proposals that may result in a mixture of recreational and utilitarian trips.</li> <li>• Policy 30b.: We recommend eliminating the proposed requirement that projects must have completed environmental review in order to be eligible for TFCA funds. We have consistently opposed the introduction of this requirement since it was originally proposed for the FYE 2016 policies because it is unnecessary and restrictive. CPMs are already required to evaluate project readiness per Policy 6, making the proposed changes to Policy 30 redundant. The added requirement would preclude projects from applying that are otherwise eligible and could be completed within the required time period. From a practical perspective in San Francisco it would be unusual to devote resources to advance a small bicycle project, of the size likely to be funded with our County Program Manager TFCA funds, through environmental approval without having secured design and construction funding, so this change would reduce the number of small projects likely to be delivered.</li> </ul>	<p>Noted. Staff will work with the CPMs to clarify eligible bicycle project types.</p> <p>Staff is recommending proposed language to clarify how bicycle projects are evaluated.</p> <p>Noted. Staff are exploring options with the CPMs to help streamline this process and to ensure that funds are allocated to projects that are ready to be implemented.</p>
	<p><b>Policy 33. Infrastructure Improvements for Trip Reduction</b></p> <p>We support the proposal to strike the requirement that projects complete environmental review prior to becoming eligible for TFCA funds. Similar to our comment on environmental review under Policy 30 any projects that would be eligible under this policy may not be advance through environmental review until they have a full funding plan.</p>	<p>Staff are exploring options with the CPMs to help streamline this process and to ensure that funds are allocated to projects that are ready to be implemented.</p>

<p><b>Jacki Taylor,</b>                  Alameda                  County                  Transportation                  Commission</p>	<p><b>Policy 2. TFCA Cost-effectiveness</b></p> <p>Support the proposed increase to several cost-effectiveness maximums, including expanding the current \$500K maximum for Alternative Fuel Infrastructure projects to apply to all project locations (removal of “high-priority” locations).</p>	<p>Noted.</p>
	<p><b>Policy 24. Alternative Fuel Heavy-Duty Trucks and Buses</b></p> <p>Propose removing “grants” from the 90% of total cost limitation so that it’s just rebates and other discounts that are included in the 90% of total cost limit, allowing grants to fund the remaining 10%.</p>	<p>Staff is recommending proposed language to provide additional clarity on this requirement.</p>
	<p><b>Policy 25. On-Road Truck Replacements</b></p> <p>Appreciate the clarification that eligible trucks do not need to be for the purpose of goods movement.</p>	<p>Noted.</p>
	<p><b>Policy 27. Existing Ridesharing Services</b></p> <p>Request removal of the language regarding MTC’s regional rideshare program. It would be helpful if CPM’s could be provided with the specific details of the TFCA-funded portion of MTC’s regional rideshare program and given an opportunity to respond to the Air District’s concerns</p>	<p>The proposed language is intended to clarify a requirement covered in the general policies. Staff has removed this proposed language and will work with CPMs and MTC to develop additional guidance to meet the requirement.</p>
	<p><b>Policy 30. Bicycle Projects</b></p> <ul style="list-style-type: none"> <li>• Bike Parking: Request clarification of newly added language that identifies “project administration” costs as ineligible. Bike parking is the only project type that has this language so this change stands out. Can the Air District provide examples of specific ineligible project administration activities?</li> <li>• Bikeways: Propose revising the newly added language about environmental approval requirements:                       From: “Projects must have completed all applicable State and environmental reviews and either have been deemed exempt by the lead agency or have been issued the applicable negative declaration or environmental impact report or statement.”</li> </ul>	<p>Staff is recommending proposed language for clarification.</p> <p>Staff will work with the CPMs to help streamline the process.</p>

	<p>To: "Projects must obtain have completed all applicable State and federal environmental reviews approvals (e.g., CEQA; NEPA) prior to implementation. and either have been deemed exempt by the lead applicable agency or have been issued the applicable negative declaration or environmental impact report or statement.</p> <p>Because the Air District's new language is written in the past tense, it could be interpreted as meaning that the environmental review/approval is to be completed prior to the time of the application in order to be eligible for funding. The proposed edit clarifies that the appropriate environmental process/approval is required to be completed prior to implementation of the project. If desired, individual counties could require completion of the environmental phase prior to a TFCA application.</p> <ul style="list-style-type: none"> <li>Propose revising the newly added language: "Projects must reduce vehicle trips made for utilitarian purposes (e.g., work or school commuting) and cannot be used exclusively for recreational use." It seems the policy language should be addressing the intended purpose of the facility rather than the individual trips. To address, request replacing the new language with a simplified statement that new facilities primarily intended for recreational use (e.g., recreational trails) are not eligible.</li> </ul>	<p>Staff is recommending proposed language to clarify how bicycle projects are evaluated.</p>
	<p><b>Policy 31. Bike Share</b></p> <p>Request clarification regarding the eligibility of e-bikes for FYE22. Policy 31 includes as eligible the purchase of 2- and 3-wheeled vehicles (self-propelled or electric), but at the last CPM coordination meeting on 6/30/20, the Air District seemed to be questioning the eligibility of e-bikes.</p>	<p>Staff met with the CPMs to clarify this requirement and discuss avenues that are available to offer TFCA funding to encourage the use of active transportation modes. Staff will continue to work with the CPMs to explore potential options for these project types.</p>
<p><b>Diana Meehan,</b>                  Napa Valley Transportation Authority</p>	<p><b>Policy 5.b. Eligible Recipients</b></p> <p>Are new vehicle charging stations eligible under this section for multi-unit housing-if a property owner wanted to apply directly or a non-profit?</p> <p><b>Policy 22. Alternative Fuel Light- and Medium-Duty Vehicles</b></p> <ul style="list-style-type: none"> <li>E-Bikes should be included here. Particularly cargo type bikes that serve the purpose of small utility vehicles. I realize the vehicle code does not categorize e-bikes as vehicles,</li> </ul>	<p>Staff will provide clarification in the Guidance.</p> <p>Staff reviewed the legislation and believes there are several avenues available to offer TFCA funding to encourage the use of active</p>

	<p>which is why it isn't included, but considering the current climate and need for additional roadway space to extend sidewalks and retail/eateries, deliveries could be made using e-bikes that have the capacity.</p> <ul style="list-style-type: none"> <li>• 22.c. Are Hydrogen vehicles eligible?</li> </ul>	<p>transportation modes. Staff will continue to work with the CPMs to explore potential options for these project types.</p> <p>Yes, and staff will clarify in the Guidance that hydrogen fuel cell vehicles are eligible</p>
	<p><b>Policy 24. Alternative Fuel Heavy-Duty Trucks and Buses</b></p> <p>Adjust wording to explain this better. Essentially this suggests the total from all sources cannot exceed 90%, so requires a 10% match? Is that what is being said?</p>	<p>Staff revised the proposed language to provide additional clarity on this requirement.</p>
	<p><b>Policy 27. Existing Ridesharing Services</b></p> <p>Request that this addition be removed. It is prohibitive to local programs and preferential to regional programs.</p>	<p>The proposed language is intended to clarify a requirement covered in the general policies. Staff has removed this proposed language and will work with CPMs and MTC to develop additional guidance to meet the requirement.</p>
	<p><b>Policy 30. Bicycle Projects</b></p> <p>Add "Or upgraded" to "Bicycle Projects: These projects expand public access to new bicycle facilities"</p>	<p>Staff revised the language with the suggested change.</p>

MOBILE SOURCE COMMITTEE  
 MEETING OF 10/19/2020

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson David Canepa and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: October 14, 2020

Re: Proposed Allocation of Mobile Source Incentive Funds for Electric Vehicle Charging  
Projects

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**RECOMMENDED ACTION**

Recommend Board of Directors allocate \$1 million in Mobile Source Incentive Funds (MSIF) for electric vehicle charging projects at multi-unit dwellings in Assembly Bill (AB) 617 communities.

**BACKGROUND**

Assembly Bill 923 (AB 923 - Firebaugh), enacted in 2004 (codified as Health and Safety Code (HSC) Section 44225), authorized local air districts to increase their motor vehicle registration surcharge up to an additional \$2 per vehicle. The revenues from the additional \$2 surcharge are deposited in the Air District's MSIF. AB 923 stipulates that air districts may use the revenues generated by the additional \$2 surcharge for projects eligible under the Carl Moyer Program and for funding of alternative fuel and electric infrastructure projects solicited and selected through a competitive bid process.

**DISCUSSION**

Staff is recommending an allocation of \$1 million in MSIF funds to support a pilot program for the purchase and installation of new electric vehicle charging projects at multi-unit dwellings in AB 617 communities. Deploying electric vehicle charging stations at multi-unit dwellings and in AB 617 communities remains challenging due to the lower penetration of electric vehicle adoption at these locations and communities, and the inability of project sponsors to meet the utilization requirements under Transportation Fund for Clean Air (TFCA) funding. As MSIF funding for electric infrastructure projects does not have cost effectiveness requirements, this funding can be used to help encourage more deployment of charging stations in AB 617 communities and support greater adoption of electric vehicles in the Bay Area.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

None. The Air District distributes the MSIF funding to project sponsors on a reimbursement basis. Funding for administrative costs is provided by the funding source.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Mark Tang  
Reviewed by: Anthony Fournier

MOBILE SOURCE COMMITTEE  
MEETING OF 10/19/2020



**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: November 12, 2020

Re: Report of the Executive Committee Meeting of October 21, 2020

**RECOMMENDED ACTION**

The Executive Committee (Committee) recommends Board of Directors (Board) approval of the following item:

- A) Hearing Board Quarterly Report: July 2020 – September 2020;
  - 1) None; receive and file.
- B) Bay Area Regional Collaborative (BARC) Update;
  - 1) None; receive and file.
- C) Advisory Council Update;
  - 1) None; receive and file.
- D) Status Update for the Production System Office;
  - 1) None; receive and file.
- E) Request to Amend the Fiscal Year Ending (FYE) 2021 Budget to Increase Staffing;  
and
  - 1) Recommend the Board of Directors (Board) amend the FYE 2021 budget to include funds for five (5) of the ten (10) full time regular positions that were previously approved by the Board.
- F) Wildfire Air Quality Response Program Update;
  - 1) None; receive and file.

## BACKGROUND

The Committee met on Wednesday, October 21, 2020, and received the following reports:

- A) Hearing Board Quarterly Report: July 2020 – September 2020;
- B) Bay Area Regional Collaborative (BARC) Update;
- C) Advisory Council Update;
- D) Status Update for Production System Office;
- E) Request to Amend the Fiscal Year Ending (FYE) 2021 Budget to Increase Staffing; and
- F) Wildfire Air Quality Response 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) None;
- E) The addition of five positions will add approximately \$800,000 in Personnel Expenditures to the FYE 2021 Budget; and
- F) To be determined.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Aloha de Guzman  
Reviewed by: Vanessa Johnson

Attachment 13A: 10/21/2020 – Executive Committee Meeting Agenda #3  
Attachment 13B: 10/21/2020 – Executive Committee Meeting Agenda #4  
Attachment 13C: 10/21/2020 – Executive Committee Meeting Agenda #5  
Attachment 13D: 10/21/2020 – Executive Committee Meeting Agenda #6  
Attachment 13E: 10/21/2020 – Executive Committee Meeting Agenda #7  
Attachment 13F: 10/21/2020 – 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: October 16, 2020

Re: Hearing Board Quarterly Report: July 2020 – September 2020

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RECOMMENDED ACTION

None; receive and file.

DISCUSSION

This report covers the third calendar quarter (July – September) of 2020.

- Held no hearings;
- Processed no orders; and
- Collected a total of \$0 in filing fees and excess emissions fees.

No actions or applications of any kind were brought before the Hearing Board during this time.

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: October 16, 2020

Re: Bay Area Regional Collaborative (BARC) Update

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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 Director, Allison Brooks, will provide an update on the activities of the BARC.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Justine Buenaflor

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: October 16, 2020

Re: Advisory Council Update

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RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Advisory Council (Council) advises and consults with the Board of Directors and the Executive Officer on technical and policy matters.

DISCUSSION

At the upcoming Executive Committee meeting, the Council Chair, Stan Hayes, will provide an update on the recent meetings of the Council.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Justine Buenaflor

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: October 16, 2020

Re: Status Update for the Production System Office

---

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Production System Office is composed of the design, implementation, and maintenance of the online permitting and compliance system, data management, and analytics as well as the Air District’s public websites.

DISCUSSION

Staff will provide an update for the Production System Office including progress for the first half of 2020 and present the objectives for the remainder of the year.

2020 Accomplishments	2020 Objectives
○ General ledger middleware upgrade	○ Automation of invoice creation
○ Public data center website enhancement	○ No net increase reports and web table
○ Redesign of Air District website	○ Permit application programming interface
○ Online stipulated abatement orders	○ Public complaints enhancements
○ Small boiler registration form	○ Compliance verification web module
○ Eliminated legacy system interdependencies	○ 12-15 permit renewals
○ Factor based emission calculations	○ Automation of permit creation
○ Annual permit fees updates	○ Material balance emission calculations
○ Health risk assessment (HRA) online table	○ Facility flags for criteria toxics reporting
○ Annual report website	○ Spare the Air alert system upgrade
○ Online improvements for public meetings	○ Web map enhancements
○ Notice of violation module	○ High priority incident tracking report
○ Cut the Commute program website	

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Blair Adams  
Reviewed by: Damian Breen

EXECUTIVE COMMITTEE  
MEETING OF 10/21/2020



**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: October 16, 2020

Re: Request to Amend the Fiscal Year Ending (FYE) 2021 Budget to Increase Staffing

**RECOMMENDED ACTION**

Recommend the Board of Directors (Board) amend the FYE 2021 budget to include funds for five (5) of the ten (10) full time regular positions that were previously approved by the Board.

**BACKGROUND**

On December 4, 2019, the Board authorized an increase in staffing level from 405 to 415 regular full-time positions. These new positions included support for Assembly Bill (AB) 617 and backfilling staffing resources previously diverted to support AB 617 from the Air District's Engineering and Enforcement Divisions.

However, uncertainties associated with the pandemic led staff to request, and the Board to authorize funding to support a staffing level of only 405 regular full-time positions for the FYE 2021 budget cycle.

During the budget discussions around the pandemic, staff advised the Board that there would be a mid-year request to authorize funding for a portion of the full-time positions that were previously approved by the Board.

**DISCUSSION**

As a result of resources required to support AB 617, staff is proposing to augment the current year FYE 2021 budget to include funding for five (5) of the ten (10) full time regular positions that were previously approved by the Board.

**BUDGET CONSIDERATIONS/FINANCIAL IMPACT**

The addition of the five positions will add approximately \$800,000 in Personnel Expenditures to the FYE 2021 Budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Jeff McKay and John Chiladakis

EXECUTIVE COMMITTEE  
MEETING OF 10/21/2020

**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: October 16, 2020

Re: Wildfire Air Quality Response Program Update

---

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

California experienced some of the deadliest and most destructive wildfires in its history over the last four years. Wildfire events are becoming the new normal and new approaches to wildfire prevention initiatives and health-protective 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 even that of nearby states. The devastating fires in Napa and Sonoma County in 2017, the Butte County Camp Fire, the Sonoma County Kincade Fire in 2019, and the Complex Fires (August, Mendocino, SCU, LNU, CZU, Zogg, and Glass) so far in 2020 have caused extended periods of unhealthy air quality and generated unprecedented levels of particulate matter in the Bay Area. Wildfires are an imminent threat to air quality and public health in the Bay Area and across the entire state.

## DISCUSSION

To prepare for fires, the Air District developed the Wildfire Air Quality Response Program (WAQRP), a comprehensive, multi-faceted program intended to prevent and prepare for future wildfire smoke events and ensure health protective measures and strategies are in place. An important element in this WAQRP is that the Air District continuously look to identify additional improvements to the program to protect public health. The following are program elements that have been identified:

- Support Clean Air Shelters Across Bay Area Region
- Target Regulatory Efforts and Actions
- Enhance Information Access to Community Resources
- Advance Air District Grant Opportunities
- Enhance program by coordinating and partnering with other local agencies and jurisdictions in emergency relief and recovery efforts to assist areas affected by natural disasters

An evaluation of the WAQRP has confirmed that the program has provided regional and local community protection. The evaluation also found that additional measures are needed to protect individuals from wildfire smoke – especially during longer duration wildfire smoke events. To address this need, staff is exploring additional programs that will provide air filtration to individuals through a high efficiency home filtration grant program for income-qualified Bay Area residents.

## BUDGET CONSIDERATIONS/FINANCIAL IMPACT

To be determined.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Tracy Lee  
Reviewed by: Wayne Kino

**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: November 12, 2020

Re: Report of the Ad Hoc Committee on Equity, Access, and Inclusion Meeting of  
November 5, 2020

---

RECOMMENDED ACTION

The Ad Hoc Committee on Equity, Access, and Inclusion (Committee) received only informational items and have no recommendations of approval by the Board of Directors (Board).

BACKGROUND

The Committee met on Thursday, November 5, 2020, and received the following reports:

- A) Community Perspective;
- B) Discussion on the Development of a Community Advisory Council;
- C) Discussion on the Advisory Council Recruitment;
- D) Discussion on the Development of a Community Benefit Fund;
- E) Update on Assembly Bill (AB) 617 Efforts; and
- F) Update on Office of Diversity, Equity & Inclusion | Internal and External Efforts to Advance Racial Equity.

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

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None;
- B) None. Funding for this work is included in the Fiscal Year Ending 2021 budget;
- C) None;
- D) Initial funding will be supported by the General Fund in Program 104 Budget, in the amount of \$1 million dollars;
- E) None; and
- F) None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Aloha de Guzman  
Reviewed by: Vanessa Johnson

- Attachment 14A: 11/05/2020 – Ad Hoc Committee on Equity, Access, and Inclusion Meeting  
Agenda #3
- Attachment 14B: 11/05/2020 – Ad Hoc Committee on Equity, Access, and Inclusion Meeting  
Agenda #4
- Attachment 14C: 11/05/2020 – Ad Hoc Committee on Equity, Access, and Inclusion Meeting  
Agenda #5
- Attachment 14D: 11/05/2020 – Ad Hoc Committee on Equity, Access, and Inclusion Meeting  
Agenda #6
- Attachment 14E: 11/05/2020 – Ad Hoc Committee on Equity, Access, and Inclusion Meeting  
Agenda #7
- Attachment 14F: 11/05/2020 – Ad Hoc Committee on Equity, Access, and Inclusion Meeting  
Agenda #8

**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: October 29, 2020

Re: Community Perspective

---

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

The Ad Hoc Committee on Equity, Access, and Inclusion provides local community environmental justice advocates a platform to present and share their lived experiences. Specific subjects/topics will vary based upon each community member's unique experience.

The Bayview Hunters Point Community Advocates organization is currently an Air District Community Grants recipient. The Advocates are currently conducting surveys and investigating placing air monitors in eastern San Francisco area to characterize the air quality and to complement the Air District's current data.

**DISCUSSION**

Ms. Pierce, Executive Director of the Bayview Hunters Point Communities Advocates organization will discuss aspects of her work within the Advocates organization. Areas of work include: the Community Toxic Index, documenting neighborhood sites under environmental agency oversight, the Southeast Community Council, training for environmental justice advocacy and organizing, an online library of documents regarding the Navy's toxic waste dump at the Hunters Point Naval Shipyard, and a reflection of the benefits and challenges of working with the Air District.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Azibuike Akaba and Tim Williams  
Reviewed by: Mary Ann Okpalauugo

AD HOC COMMITTEE ON EQUITY,  
ACCESS, AND INCLUSION  
MEETING OF 11/05/2020



**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: October 29, 2020

Re: Discussion on the Development of a Community Advisory Council

---

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

In March 2020, the Ad Hoc Committee on Equity, Access, and Inclusion was formed to advise the Board of Directors on equitable and inclusive actions to create a healthy breathing environment for all people of the Bay Area, regardless of race, ethnicity, age, gender identity, national origin, or sexual orientation. In August 2020, Veronica Eady joined the Air District as the Senior Deputy Executive Officer for Policy and Equity. These two events crystallized the need for a Community Advisory Council to advise Air District staff and the Board of Directors on policies effecting impacted communities.

**DISCUSSION**

The Community Advisory Council would be responsible for providing guidance on topics, such as prioritizing communities for action under the Assembly Bill (AB) 617 program, implementation of a community benefits program, and modifying the Air District's permitting program to address inequitable impacts in communities.

Air District staff will present a proposed path forward for forming a Board-appointed Community Advisory Council. This discussion will include a proposal for the scope of the Council, a membership structure that will ensure broad geographic representation, draft criteria and/or qualifications for membership, and an estimated timeline for Council development and recruitment.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

None. Funding for this work is included in the Fiscal Year Ending 2021 budget.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Wendy Goodfriend  
Reviewed by: Elizabeth Yura and Greg Nudd

AD HOC COMMITTEE ON EQUITY,  
ACCESS, AND INCLUSION  
MEETING OF 11/05/2020

**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: October 29, 2020

Re: Discussion on the Advisory Council Recruitment

---

**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 (Committee) provide input on the recruitment process. This item is a continuation of a discussion at the last Committee meeting.

As part of this agenda item, staff will recap information from the last meeting, inclusive of the Committee input to seek additional clarifications regarding the recruitment process.

**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 11/05/2020

**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: October 29, 2020

Re: Discussion on the Development of a Community Benefit Fund

---

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

At its March 25, 2020 meeting, the Ad Hoc Committee on Equity, Access and Inclusion (Committee) received a staff proposal on key equity, access, and inclusion deliverables relative to internal and external programs at the Air District. The design of a Community Benefit Fund is one element of the workplan.

On July 15, 2020, the Board of Directors adopted the Committee's Charter. The Charter shapes the Committee's oversight ensuring the Air District applies an equity lens to internal and external operations, including addressing disparities to Air District programs, policies, practices, and procedures.

The Committee's charter prioritizes traditionally marginalized and disinvested communities for investment opportunities, to ensure communities that are disproportionately impacted by air pollution, receive program and policy prioritization. Communities need resources to appropriately address environmental health impacts and to implement community-led solutions.

## DISCUSSION

The Air District has historically supported community-based projects that reduce emissions, improve energy efficiency, provide air quality education, and improve community health.

The proposed Community Benefit Fund would provide monetary resources for projects in impacted communities to reduce exposure to air pollution and address public health impacts. The Community Benefit Fund would be similar to the California Air Resources Board's Community Air Grants Program aimed at providing support for community-based organizations to participate in the Assembly Bill (AB) 617 process, and build capacity to become active partners of the government to identify, evaluate, and ultimately propose projects to reduce air pollution and exposure to harmful emissions in communities disproportionately impacted. Yet, these funds will not be restricted to AB 617 communities.

The overall structure and prioritization for the program would be developed by a Community Advisory Council expected to be established by the Board of Directors in early 2021. The Air District will fund the Community Benefit Fund with an initial one million dollars, after which an estimated \$500,000 per year will be directed to the Community Benefit Fund.

## BUDGET CONSIDERATION/FINANCIAL IMPACT

Initial funding will be supported by the General Fund in Program 104 Budget, in the amount of \$1 million dollars.

Respectfully submitted,

Jack P. Broadbent  
Executive Office/APCO

Prepared by: Azibuike Akaba and Tim Williams  
Reviewed by: Mary Ann Okpalango and Greg Nudd

**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: October 29, 2020

Re: Update on Assembly Bill (AB) 617 Efforts

---

**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. Since the passage of AB 617, the Air District has been fully dedicated to its successful implementation. In 2018, we succeeded in meeting several implementation milestones. The most notable being the state's approval of the Air District's recommendation for West Oakland as a Community Emission Reduction Planning community, and the Richmond-San Pablo area as a Community Air Monitoring Planning community in year one of the state's Community Air Protection Program. At the same time, we received state approval on our nomination of six "high priority" communities; communities who would be prioritized for selection to do monitoring and/or emission reduction plans in future years of the program. The high-priority communities include: East Oakland/San Leandro, Eastern San Francisco, East (Contra Costa) County, San Jose, the Tri-Valley, and Vallejo.

**DISCUSSION**

Staff will be providing an update on AB 617 funding and will give status reports on the AB 617 related work in West Oakland and Richmond/San Pablo.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Elizabeth Yura  
Reviewed by: Veronica Eady and Greg Nudd

AD HOC COMMITTEE ON EQUITY,  
ACCESS, AND INCLUSION  
MEETING OF 11/05/2020



**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: October 29, 2020

Re: Update on Office of Diversity, Equity & Inclusion | Internal and External Efforts to  
Advance Racial Equity

---

**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

The following is the Office of Diversity, Equity & Inclusion (DE&I)'s 2020 Priorities, Ongoing Efforts and Future Work established in January 2020:

- Hiring of a Senior Deputy Executive Officer - Policy & Equity
- Internal Reorganization to Implement Equity Priorities
- Continue Internal Capacity Building in Racial Equity Content and Advancing Equity Practices
- Development of an Organization-wide Equity Action Plan
- Implementation of Equity Action Plan

**On-Going Efforts & Future Areas of Work:**

- Human Resources Practices and Processes
- Increased Presence in Assembly Bill 617 Implementation
- Review Air District's Enhanced Complaint Response and Investigation Process
- Review of Air District's Communication Strategy

The Office of DE&I continues to work internally and externally applying its racial equity pillars framework.

DISCUSSION

The Office of DE&I will provide an update on current programming, initiatives, and activities underway to foster equity and inclusion at the Air District. Items for discussion will include efforts within the DE&I racial equity pillars framework: Workforce Development, Community Health, Public Investment, and Operations.

Items within the pillar framework to be discussed will include: District-wide Implicit Bias Awareness and Mitigation Workshop for all employees administered by the National Training Institute on Race and Equity at Morehouse College, an update on Phase 3 employee engagement work, operationalizing DE&I efforts within Human Resources practices and processes, an update on the Air District's 2020 employee demographic data analysis, components of the Air District's Diesel Free by '33 strategic plan, and the Clean Cars for All Program, as it relates to Governor Newsom's executive order on phasing out sales of new internal combustion engine cars by 2035.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Tim Williams  
Reviewed by: Mary Ann Okpalango

AD HOC COMMITTEE ON EQUITY,  
ACCESS, AND INCLUSION  
MEETING OF 11/05/2020

**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: November 12, 2020

Re: Report of the Advisory Council Meeting of November 9, 2020

---

**RECOMMENDED ACTION**

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

**BACKGROUND**

The Council met on Monday, November 9, 2020, and received the following report:

- A) Deliberation on Particulate Matter (PM) Strategy.

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

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

- A) None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Aloha de Guzman  
Reviewed by: Vanessa Johnson

Attachment 15A: 11/09/2020 – Advisory Council Meeting Agenda #3

**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: November 2, 2020

Re: Deliberation on Particulate Matter (PM) Strategy

---

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 from the July 31, 2020 and October 9, 2020 meetings on reducing fine particulate matter in the 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: November 12, 2020

Re: Report of the Legislative Committee Meeting of November 12, 2020

**RECOMMENDED ACTION**

The Legislative Committee (Committee) recommends Board of Directors (Board) approval of the following item:

- A) 2021 Legislative Activities
  - 1) The Legislative Committee (Committee) will receive a report from staff on potential legislative activities in 2021, providing direction as necessary.

**BACKGROUND**

The Committee met on Thursday, November 12, 2020, and received the following report:

- A) 2021 Legislative Activities

Chairperson Margaret Abe-Koga will provide an oral report of the Council meeting.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

- A) None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Aloha de Guzman  
Reviewed by: Vanessa Johnson

Attachment 16A: 11/12/2020 – Legislative Committee Meeting Agenda #3

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Margaret Abe-Koga and Members  
of the Legislative Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: November 4, 2020

Re: 2021 Legislative Activities

---

**RECOMMENDED ACTION**

The Legislative Committee (Committee) will receive a report from staff on potential legislative activities in 2021, providing direction as necessary.

**BACKGROUND**

The new 2021-2022 Legislative session is set to begin on December 7, 2020. Potential bills will need to be introduced by mid-February 2021, official date pending.

**DISCUSSION**

In addition to the usual work on the state budget, below is a list of potential legislative activities for 2021, including ideas for Air District-sponsored bills as well as other potential bill activity of interest.

**Previous Air District-Sponsored Bills**

*Expansion of Indirect Source or Magnet Source Authority* – In 2020, the Air District sponsored Assembly Bill (AB) 3211, authored by Assemblymember Bauer-Kahan, to expand indirect source authority to include air toxics in addition to pollutants in excess of state ambient air quality standards. This bill was an early casualty of the reduction in bills due to COVID-19 in March as it had been double-referred. Staff has asked Assemblymember Bauer-Kahan's office about authoring the bill in 2021.

*Private/Charter School Requirements for Air Quality Review Under the California Environmental Quality Act (CEQA)* – In 2020, the Air District sponsored AB 2882, authored by Assemblymember Chu, to require new private and charter schools to work with their local air district to identify nearby sources of air emissions that could have public health impacts to school students and employees. The bill easily passed the Assembly but did not receive a hearing in the Senate due to another round of bill hearing reductions in August. This bill is a good candidate for reintroduction but will need a new author as Assemblymember Chu is leaving office.

## Other Legislative Ideas

*Wildfire Smoke Public Health Response* – Over 4 million acres burned this year in California and the District called over 50 Spare the Air days due to wildfire smoke. While the Air District has elevated our public health communication, smoke monitoring and modeling, and works closely with local health officers and organizations such as the Red Cross, we see gaps in an equitable public health response that could potentially be addressed through changes in policy. Ideas include either advocacy or legislation to 1) improved Title 24 standards for HVAC filtration in new residential or nonresidential construction, or in subsequent renovation work; 2) create a requirement and incentive program funding to improve filtration in existing rental housing; 3) expansion of funding for HVAC retrofits or filter replacements through programs such as Assemblymember Wicks’ Clean Air Center Pilot Program.

## Potential Other Bills

*Carl Moyer/AB 923 (Firebaugh; Chapter 707, Statutes of 2004) Reauthorization or Other Program Changes* – Authorization for the majority of Carl Moyer and AB 923 Mobile Source Incentive Fund (MSIF) funding expires at the end of 2023. Staff is aware of discussions among stakeholders about a possible reauthorization effort in 2021 that would include California Energy Commission (CEC) and CalRecycle programs also sunsetting in 2023. Should this type of bill be introduced, the Air District will likely be heavily involved.

## BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Alan Abbs  
Reviewed by: Jack P. Broadbent



**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: November 12, 2020

Re: Report of the Nominating Committee Meeting of November 18, 2020

**RECOMMENDED ACTION**

The Nominating Committee (Committee) may recommend Board of Directors' (Board) approval of Board Officers for:

- Chairperson;
- Vice Chairperson; and
- Secretary.

**BACKGROUND**

The Committee will meet on Wednesday, November 18, 2020, to consider the slate of Board Officers for the 2021 Term of Office.

Chairperson Rod Sinks will give an oral report of the meeting.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Aloha de Guzman  
Reviewed by: Vanessa Johnson

Attachment: 17A: 11/18/2020 – Nominating Committee Meeting Agenda #3

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Rod Sinks and Members  
of the Nominating Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: October 21, 2020

Re: Consideration and Nomination of Board Officers for the Term of Office  
Commencing 2021

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RECOMMENDED ACTION

Consider recommending Board of Directors' approval of Board Officers for:

- Chairperson;
- Vice Chairperson; and
- Secretary.

DISCUSSION

Air District Counsel, Brian Bunker, has provided a memorandum addressed to Chairperson Rod Sinks that is attached for discussion. The memorandum includes pertinent provisions from the Air District's Administrative Code and the Board of Directors' Operating Policies and Procedures. The memorandum also discusses the role of the Nominating Committee.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Amanda Balneg  
Reviewed by: Vanessa Johnson

Attachment 3A: Criteria for Recommendation of Officers of the Board of Directors  
Attachment 3B: Administrative Code – Selected Provisions Section 2 Board of Directors,  
Officers - Duties

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

**OFFICE OF DISTRICT COUNSEL**

**MEMORANDUM**

**DATE:** October 21, 2020

**TO:** Rod Sinks, Chairperson  
and Members of the Nominating Committee of the Board of Directors

**FROM:** Brian C. Bunger  
District Counsel

**SUBJECT:** Criteria for Recommendation of Officers of the Board of Directors

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The function of the Nominating Committee is “to recommend to the Board the officers for each calendar year.” Bay Area Air Quality Management District Administrative Code (“Admin. Code”), Division I, Section 6.8. In order to assist with this function, this memorandum discusses the criteria to be applied by the Nominating Committee in making its recommendations for officers to the Board.

The Administrative Code contains certain criteria that the Nominating Committee must follow in making its recommendation for officers of the Board.

First, “the Committee shall not be bound by a recommendation of a previous Nominating Committee.” Admin. Code, Div. I, § 6.8.

Second, “[t]he Committee need not follow a strict rule of rotation between supervisor and city members but may take into account their proportionate membership on the Board of Directors.” Admin. Code, Div. I, § 6.8.

Third, Section 6.8 further requires that “the Committee shall take into account the provisions of Section I-2.7.” Admin. Code, Div. I, § 6.8.

Section 2.7 of Division I of the Administrative Code sets forth a policy of the Board to rotate the positions of the Chairperson, Vice Chairperson, and Board Secretary among the members of the Board “in a manner to assure participation in the affairs of the District from a wide representation of the membership.” Admin. Code, Div. I § 2.7. In this regard, Section 2.7 provides that “[I]n making its recommendations, the Nominating Committee shall take into account such factors as representation by those members appointed by Boards of Supervisors, those members appointed by City selection committees, those members from large counties, and those from small counties.” Admin. Code, Div. I § 2.7.

Thus, the Board has expressed a policy of rotating officer positions in order to ensure broad participation by all Board members in the affairs of the Air District. However, the Nominating Committee is not required to follow a strict rule of rotation between supervisor and city members. Nor is the Committee to be bound by the actions of any prior Nominating Committee. Finally, the Nominating Committee must take into account such factors as representation of supervisor and city members on the Board and the representation of members from large and small counties.

For your convenience, attached are copies of the pertinent sections of the Air District's Administrative Code.

NOMINATING COMMITTEE  
MEETING OF 11/18/2020

**ADMINISTRATIVE CODE – SELECTED PROVISIONS**

**SECTION 2 BOARD OF DIRECTORS, OFFICERS - DUTIES**

**2.1 OFFICERS OF THE BOARD. (Revised 1/21/04)**

The presiding officer of the Board is the Chairperson of the Board of Directors. The Chairperson, Vice Chairperson and Secretary shall, no later than the first meeting in December of each year, be elected by the Board of Directors and assume office January 1, (effective January 1, 2005). The Chairperson shall preserve order and decorum at regular and special meetings of the Board. The Chairperson shall state each question, shall announce the decision, shall decide all questions of order subject to an appeal to the Board. The Chairperson shall vote on all questions, last in order of the roll, and shall sign all ordinances and resolutions adopted by the District Board while the Chairperson presides. (see Section II-4.3)

In the event that the Chairperson is unable, for whatever reason, to fulfill his or her one-year term of office, the Vice-Chairperson shall succeed the Chairperson and the Secretary shall succeed the Vice-Chairperson. Section 2.3 below shall determine the filling of the Secretary vacancy. In any event, no Board Officer shall serve more than three (3) years in any one Board office (Chairperson, Vice-Chairperson, or Secretary).

**2.2 CHAIRPERSON. (Revised 1/14/09)**

The Chairperson shall take the chair at the hour appointed for the meeting and call the District Board to order. In the absence of the Chairperson, the Vice-Chairperson shall call the Board to order and serve as temporary Chairperson. Upon arrival of the Chairperson, the Vice-Chairperson shall relinquish the chair upon the conclusion of the business then pending before the Board. In the absence, or self-determined inability to act, of the Chairperson, or the Vice-Chairperson when the Chairperson is absent, the Board Secretary shall call the Board to order and serve as temporary Chairperson. Upon arrival of the Chairperson or Vice-Chairperson, the Secretary shall relinquish the Chair upon the conclusion of the business then pending before the Board. In the absence, or self-determined inability to act, of the Chairperson, Vice Chairperson or Secretary, members of the Board of Directors shall, by an order on the Minutes, select one of their members to act as temporary Chairperson. Upon the arrival or resumption of ability to act, the Chairperson or Vice-Chairperson shall resume the Chair, upon the conclusion of the business then pending before the Board. It shall be the duty of the Chairperson to attend all meetings of the Bay Area Air Quality Management District Advisory Council.

**2.3 VICE CHAIRPERSON.**

If, for any reason, the Chairperson ceases to be a member of the Board, the Vice-Chairperson shall automatically assume the office of Chairperson and the Board Secretary shall automatically assume the office of Vice-Chairperson. If, for any reason, the Vice-Chairperson ceases to be a member of the Board, the Board Secretary shall automatically assume the office of Vice-Chairperson. In either eventuality, the Board Nominating Committee shall, upon the request of the Chairperson, make a recommendation at the Board meeting following such request to fill the office of Board Secretary. An election will then immediately be held for that purpose.

**2.4 BOARD SECRETARY.**

The Board Secretary shall be official custodian of the Seal of the District and of the official records of the District and shall perform such secretarial duties as may require execution by the Board of Directors. The Board Secretary may delegate any of these duties to the APCO, or to the Clerk of the Boards.

**2.5 MEETING ROLL CALL.**

Before proceeding with the business of the Board, the Clerk of the Boards shall call the roll of the members, and the names of those present shall be entered in the Minutes. The names of members who arrive after the initial roll call shall be noted in the Minutes at that stage of the Minutes.

**2.6 QUORUM.**

A majority of the members of the Board constitutes a quorum for the transaction of business, and may act for the Board.

**2.7 OFFICER ROTATION.**

It is intended that the positions of Chairperson, Vice Chairperson, and Board Secretary be rotated among the members in a manner to assure participation in the affairs of the District from a wide representation of the membership. In making its recommendations, the Nominating Committee shall take into account such factors as representation by those members appointed by Boards of Supervisors, those members appointed by City selection committees, those members from large counties, and those from small counties.

**SECTION 6 BOARD OF DIRECTORS, COMMITTEES**

**6.8 NOMINATING COMMITTEE. (Revised 10/4/95)**

The Nominating Committee will consist of the Chairperson of the Board, the past Chairperson of the Board and three (3) appointees of the Chairperson of the Board, or in the event the past Chairperson of the Board is no longer serving on the Board, four (4) appointees of the Chairperson of the Board. The Nominating Committee shall be appointed no later than the second Board Meeting in November of each year and shall serve until the appointment of a new Committee. It is the function of the Nominating Committee to recommend to the Board the officers for each calendar year. In making its recommendation, the Committee shall not be bound by a recommendation of a previous Nominating Committee. The Committee need not follow a strict rule of rotation between supervisor and city members but may take into account their proportionate membership on the Board of Directors. Additionally, the Committee shall take into account the provisions of Section I-2.7.

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

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

From: Jack P. Broadbent  
Executive Office/APCO

Date: November 12, 2020

Re: Summary of 2020 Spare the Air Summer Campaign and Update of 2020-2021 Spare  
the Air Winter Campaign

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

The Spare the Air program observed its 29<sup>th</sup> year amidst a global pandemic and an unprecedented wildfire season. The Spare the Air program continues to be a highly recognized program and a trusted source of air quality information. The program's advertising campaign helps to elevate the visibility of the Spare the Air program and promote behavior changes that benefit air quality for Bay Area residents.

In 2008, the Air District's Board of Directors adopted Regulation 6, Rule 3, to protect Bay Area residents from the public health impacts of wood smoke pollution and ban wood burning when air quality is unhealthy from November - February. In 2019, the Air District amended the rule to strengthen the agency's wood burning regulation to safeguard public health against the hazards of fine particle pollution, especially during wildfires. Wood burning can now be banned year-round when a Spare the Air Alert is in effect for fine particle pollution.

**DISCUSSION**

Beginning in March 2020, Bay Area residents made many changes to adapt to shelter-in-place orders. Many Bay Area employers implemented remote work policies and wildfires consumed the region resulting in an unprecedented record number of Spare the Air Alerts. Staff will provide a summary of the Spare the Air summer season and an overview of the upcoming Spare the Air winter season.

**BUDGET CONSIDERATIONS/FINANCIAL IMPACT**

None. Funding for the Spare the Air campaign was included in the 2019-2020 and 2020-2021 Fiscal Year budgets. Funding for the Spare the Air Winter campaign is included in the 2020-2021 Fiscal Year budget.

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: November 12, 2020

Re: Wildfire Air Quality Response Program Update

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

California experienced some of the deadliest and most destructive wildfires in its history over the last four years. Wildfire events are becoming the new normal and new approaches to wildfire prevention initiatives and health-protective 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 even that of nearby states. The devastating fires in Napa and Sonoma County in 2017, the Butte County Camp Fire, the Sonoma County Kincade Fire in 2019, and the Complex Fires (August, Mendocino, SCU, LNU, CZU, Zogg, and Glass) so far in 2020 have caused extended periods of unhealthy air quality and generated unprecedented levels of particulate matter in the Bay Area. Wildfires are an imminent threat to air quality and public health in the Bay Area and across the entire state.

## DISCUSSION

To prepare for fires, the Air District developed the Wildfire Air Quality Response Program (WAQRP), a comprehensive, multi-faceted program intended to prevent and prepare for future wildfire smoke events and ensure health protective measures and strategies are in place. An important element in this WAQRP is that the Air District continuously look to identify additional improvements to the program to protect public health. The following are program elements that have been identified:

- Support Clean Air Shelters Across Bay Area Region
- Target Regulatory Efforts and Actions
- Enhance Information Access to Community Resources
- Advance Air District Grant Opportunities
- Enhance program by coordinating and partnering with other local agencies and jurisdictions in emergency relief and recovery efforts to assist areas affected by natural disasters

An evaluation of the WAQRP has confirmed that the program has provided regional and local community protection. The evaluation also found that additional measures are needed to protect individuals from wildfire smoke – especially during longer duration wildfire smoke events. To address this need, staff is exploring additional programs that will provide air filtration to individuals through a high efficiency home filtration grant program for income-qualified Bay Area residents.

## BUDGET CONSIDERATIONS/FINANCIAL IMPACT

Undetermined at this time.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Tracy Lee  
Reviewed by: Wayne Kino

**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: November 12, 2020

Re: Source Test 101

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RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Source testing is a way to measure emissions of pollutants from industrial facilities, usually from a stack or vent. Data from source testing is used to support many of the Air District's programs, including permitting, health risk assessments, inspections, emission inventory and rule development. This presentation will be an introduction to source testing to provide background that will be relevant for upcoming discussions and decisions for the Board of Directors. Staff will present an overview of the Air District's source testing work, including:

- Types of sources and pollutants tested;
- Basic source testing methodology;
- How is data used and shared; and
- Assessing new measurement technology and methods.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Elaine Ko and Jerry Bovee  
Reviewed by: Ranyee Chiang

**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: November 12, 2020

Re: Update on Bay Area Hyperlocal Air Quality Mapping Project

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

On April 3, 2019, the Board of Directors authorized the Executive Officer/APCO to execute a contract with Aclima, Inc. to map air pollutants in all nine Bay Area counties. To gather air quality data over more than 5,000 square miles, fleets of low-emission cars equipped with air quality sensing devices and software are being used to collect data as they drive on publicly accessible Bay Area roadways. The data will set a baseline for typical block-by-block annual concentrations of critical air pollutants and greenhouse gases, including fine particulates, ozone, and nitrogen dioxide.

**DISCUSSION**

The driving and data collection for this project has been conducted throughout 2020 and will be completed in early 2021. Prior to using the high-resolution air quality data to identify pollution hotspots, Air District staff are currently working with the Aclima team to evaluate the data quality and analyze the data. The Board will receive a status update from Air District staff and Aclima on this project, including the data validation process, how the data will be shared after it is reviewed, and potential Air District work that may follow from the results.

**BUDGET CONSIDERATION/FINANCIAL IMPACT**

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Jon Bower  
Reviewed by: Ranyee Chiang