



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS REGULAR MEETING

September 18, 2019

A meeting of the Bay Area Air Quality Management District Board of Directors will be held at 9:30 a.m. in the 1st Floor Board Room at the Air District Headquarters, 375 Beale Street, San Francisco, California 94105.

Questions About an Agenda Item

The name, telephone number and e-mail of the appropriate staff Person to contact for additional information or to resolve concerns is listed for each agenda item.

Meeting Procedures

The public meeting of the Air District Board of Directors begins at 9:30 a.m. The Board of Directors generally will consider items in the order listed on the agenda. However, any item may be considered in any order.

After action on any agenda item not requiring a public hearing, the Board may reconsider or amend the item at any time during the meeting.

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

Public Comment Procedures

Persons wishing to make public comment must fill out a Public Comment Card indicating their name and the number of the agenda item on which they wish to speak, or that they intend to address the Board on matters not on the Agenda for the meeting.

Public Comment on Non-Agenda Matters, Pursuant to Government Code Section 54954.3 Speakers wishing to address the Board on non-agenda matters will be heard at the end of the agenda, and each will be allowed up to three minutes to address the Board at that time.

Members of the Board may engage only in very brief dialogue regarding non-agenda matters, and may refer issues raised to District staff for handling. In addition, the Chairperson may refer issues raised to appropriate Board Committees to be placed on a future agenda for discussion.

Public Comment on Agenda Items The public may comment on each item on the agenda as the item is taken up. Public Comment Cards for items on the agenda must be submitted in person to the Clerk of the Boards at the location of the meeting and prior to the Board taking up the particular item. Where an item was moved from the Consent Calendar to an Action item, no speaker who has already spoken on that item will be entitled to speak to that item again.

Speakers may speak for up to three minutes on each item on the Agenda. However, the Chairperson or other Board Member presiding at the meeting may limit the public comment for all speakers to fewer than three minutes per speaker, or make other rules to ensure that all speakers have an equal opportunity to be heard. The Chairperson or other Board Member presiding at the meeting may, with the consent of persons representing both sides of an issue, allocate a block of time (not to exceed six minutes) to each side to present their issue.

BOARD OF DIRECTORS REGULAR MEETING AGENDA

WEDNESDAY
SEPTEMBER 18, 2019
9:30 A.M.

BOARD ROOM
1ST FLOOR

CALL TO ORDER

Chairperson, Katie Rice

1. **Opening Comments**
Roll Call
Pledge of Allegiance

The Chair shall call the meeting to order and make opening comments. The Clerk of the Boards shall take roll of the Board members. The Chair shall lead the Pledge of Allegiance.

PUBLIC COMMENT ON NON-AGENDA MATTERS

2. **Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3**
For the first round of public comment on non-agenda matters at the beginning of the agenda, ten persons selected by a drawing by the Clerk of the Boards from among the Public Comment Cards indicating they wish to speak on matters not on the agenda for the meeting will have two minutes each to address the Board on matters not on the agenda. For this first round of public comments on non-agenda matters, all Public Comment Cards must be submitted in person to the Clerk of the Board at the location of the meeting and prior to commencement of the meeting.

CLOSED SESSION

3. **CONFERENCE WITH LEGAL COUNSEL**
 - A. **EXISTING LITIGATION (Government Code Section § 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:

Michael Bachmann and Sarah Steele v. Bay Area AQMD, Contra Costa County Superior Court, Case No. C17-01565

OPEN SESSION

CONSENT CALENDAR (ITEMS 4-9)

Staff/Phone (415) 749-

4. Minutes of the Board of Directors Meeting of September 4, 2019 **Clerk of the Boards/5073**

The Board of Directors will consider approving the draft minutes of the Board of Directors Regular Meeting of September 4, 2019.

5. Board Communications Received from September 4, 2019 through September 17, 2019

J. Broadbent/5052

jbroadbent@baaqmd.gov

A copy of communications directed to the Board of Directors received by the Air District from September 4, 2019 through September 17, 2019, if any, will be at each Board Member's place.

6. Notices of Violations Issued and Settlements in Excess of \$10,000 in the month of August 2019

J. Broadbent/5052

jbroadbent@baaqmd.gov

In accordance with Resolution No. 2012-08, the Board of Directors will receive a list of all Notices of Violations issued, and all settlements for amounts in excess of \$10,000 during the month of August 2019.

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

J. Broadbent/5052

jbroadbent@baaqmd.gov

In accordance with Section (b) of the Air District's 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.

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

J. Broadbent/5052

jbroadbent@baaqmd.gov

9. Quarterly Report of the Executive Office and Division Activities for the Months of April 2019 – June 2019

J. Broadbent/5052

jbroadbent@baaqmd.gov

A summary of Board of Directors, Hearing Board and Advisory Council meeting activities for the second quarter is provided for information only. Also included is a summary of the Executive Office and Division Activities for the months of April 2019 – June 2019.

COMMITTEE REPORTS

10. Report of the Executive Committee Meeting of September 5, 2019
CHAIR: K. Rice

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following reports:

A) Hearing Board Quarterly Reports: January – March 2019 and April – June 2019

1) *None; receive and file.*

B) Bay Area Regional Collaborative (BARC) Update

1) *None; receive and file.*

C) Status Update for the Production System Office

1) *None; receive and file.*

D) Summary of the 2019 Summer Spare the Air Program and an Update of the 2019-20 Winter Spare the Air Campaign

1) *None; receive and file.*

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

www.baaqmd.gov/bodagendas

11. Report of the Personnel Committee Meeting of September 6, 2019
CHAIR: J. Spering

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following report:

A) Conduct Interviews and Consider Recommending Board of Directors Approval of Candidates for Appointment to the Air District's Hearing Board

1) *Conduct interviews and consider recommending Board of Directors approval of candidates for appointment to the Air District's Hearing Board in the Principal Professional Engineer position.*

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

www.baaqmd.gov/bodagendas

12. Report of the Community and Public Health Committee Meeting of September 12, 2019
CHAIR: S. Zane
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following reports:

A) Update on the James Cary Smith Community Grants and 2019 Assembly Bill (AB) 617 Community Health Protection Grants

1) None; receive and file.

B) Update on the West Oakland Community Action Plan

1) None; receive and file.

C) Update on the Assembly Bill (AB) 617 Richmond-San Pablo Area Air Monitoring Plan

1) None; receive and file.

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

13. Report of the Stationary Source Special Committee Meeting of September 16, 2019
CHAIR: R. Sinks
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee will receive the following reports:

A) Update on South Bay Odor Sources and Air District Odor Attribution Study

1) None; receive and file.

B) Update on Implementation of New Regulation 6 Rules

1) None; receive and file.

C) Update on Proposed Regulation 13, Rule 2 (Rule 13-2): Organic Material Handling and Draft Regulation 13, Rule 3 (Rule 13-3): Composting Operations

1) None; receive and file.

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

14. Report of the Ad Hoc Building Oversight Committee meeting of September 18, 2019
CHAIR: M. Ross
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee will receive the following report:

A) Consider Recommending the Board of Directors Authorize Execution of Contracts for Build-Out of a Portion of the Richmond, Lakeside Drive Building

- 1) *Recommend the Board of Directors authorize the Executive Officer/APCO to obtain bids and execute contracts to build out approximately 7,300 square feet of the Richmond, Lakeside building with cubicles and offices, in an amount not to exceed \$250,000, in addition to the initial \$1,800,000 authorization in April 2019. Further recommend that the Board of Directors authorize the Executive Officer/APCO to obtain bids and execute contracts to install video conferencing capabilities at the site, in an amount not to exceed \$235,000.*

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

www.baaqmd.gov/bodagendas

PRESENTATION

15. Summary of the 2019 Summer Spare the Air Program and an Update of the 2019-20 Winter Spare the Air Campaign
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will receive an overview of the 2019 Summer Spare the Air Program and an update of the 2019-20 Winter Spare the Air Campaign.

16. Update on Assembly Bill (AB) 617 Richmond-San Pablo Area Air Monitoring Plan
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will receive an update on the current status and timeline for the Assembly Bill (AB) 617 Richmond-San Pablo Area Air Monitoring Plan.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

Speakers who did not have the opportunity to address the Board in the first round of comments on non-agenda matters will be allowed two minutes each to address the Board on non-agenda matters.

BOARD MEMBERS' COMMENTS

18. *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

19. Report of the Executive Officer/APCO

20. Chairperson's Report

21. Time and Place of Next Meeting:

Wednesday, October 2, 2019, at The Waterfront Hotel, Spinnaker Room, 10 Washington Street, Oakland, CA 94607 at 9:30 a.m.

22. Adjournment

The Board meeting shall be adjourned by the Board Chair.

CONTACT:

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

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

- To submit written comments on an agenda item in advance of the meeting. Please note that all correspondence must be addressed to the “Members of the Board of Directors” and received at least 24 hours prior, excluding weekends and holidays, in order to be presented at that Board meeting. Any correspondence received after that time will be presented to the Board at the following meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the District’s offices at 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

Accessibility and Non-Discrimination Policy

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

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

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

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

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

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SAN FRANCISCO, CA 94105

FOR QUESTIONS PLEASE CALL (415) 749-4941

EXECUTIVE OFFICE:

MONTHLY CALENDAR OF AIR DISTRICT ANTICIPATED MEETINGS

SEPTEMBER 2019

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Stationary Source Committee	Monday	16	10:00 a.m.	Milpitas City Hall Council Chambers 455 E. Calaveras Blvd. Milpitas, CA 95035
Board of Directors Executive Committee - CANCELLED	Wednesday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Ad Hoc Building Oversight Committee	Wednesday	18	9:00 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting	Wednesday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Climate Protection Committee	Thursday	19	9:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee - CANCELLED	Wednesday	25	9:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee	Thursday	26	9:30 a.m.	1 st Floor Board Room

OCTOBER 2019

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Special Meeting	Wednesday	2	9:30 a.m.	The Waterfront Hotel Spinnaker Room 10 Washington St. Oakland, CA 94607
Board of Directors Technology Implementation Office (TIO) Steering Committee	Friday	4	9:30 a.m.	1st Floor Board Room
Board of Directors Legislative Committee	Wednesday	9	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Executive Committee	Wednesday	16	9:30 a.m.	1st Floor Board Room
Board of Directors Budget & Finance Committee	Wednesday	23	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee	Thursday	24	9:30 a.m.	1st Floor Board Room
Advisory Council Meeting	Monday	28	10:00 a.m.	1st Floor Board Room
Board of Directors Community & Public Health Committee	Wednesday	30	9:30 a.m.	1st Floor Board Room

HL – 9/11/2019 – 9:40 a.m.

G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Minutes of the Board of Directors Regular Meeting of September 4, 2019

RECOMMENDED ACTION

Approve the attached draft minutes of the Board of Directors Regular Meeting of September 4, 2019.

DISCUSSION

Attached for your review and approval are the draft minutes of the Board of Directors Regular Meeting of September 4, 2019.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

Attachment 4A: Draft Minutes of the Board of Directors Regular Meeting of September 4, 2019

AGENDA 4A – ATTACHMENT

Draft Minutes - Board of Directors Regular Meeting of September 4, 2019

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

Board of Directors Regular Meeting
Wednesday, September 4, 2019

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

CALL TO ORDER

1. **Opening Comments:** Board of Directors (Board) Chairperson, Katie Rice, called the meeting to order at 9:39 a.m.

Roll Call:

Present: Chairperson Katie Rice; Vice Chairperson Rod Sinks; Secretary Cindy Chavez; and Directors Teresa Barrett, David J. Canepa, Pauline Russo Cutter, David Hudson, Tyrone Jue, Gordon Mar, Nate Miley, Karen Mitchoff, Mark Ross, Jim Spring, Brad Wagenknecht, and Shirlee Zane.

Absent: Directors Margaret Abe-Koga, John J. Bauters, John Gioia, Carole Groom, Scott Haggerty, Doug Kim, Liz Kniss, Shamann Walton, and Lori Wilson.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

Public comments were given by Will Saltz, Representative of Bay Area Air Quality Management District Employees' Association; Milo Wetherall, Generation: Our Climate; and Bob Brown, Western States Petroleum Association.

CLOSED SESSION (9:47a.m.)

NOTED PRESENT: Director Ross was noted present at 9:50 a.m., Director Mar was noted present at 9:53 a.m.; and Director Miley was noted present at 10:24 a.m.

3. **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 cases:

A. **Michael Bachmann and Sarah Steele v. Bay Area AQMD**, Contra Costa County Superior Court, Case No. C17-01565

Reportable Action: Brian Bunger, Air District Counsel, said that there was no Board action to report.

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

Reportable Action: Mr. Bunger said that there was no Board action to report.

OPEN SESSION (10:45 a.m.)

CONSENT CALENDAR (ITEMS 4 - 7)

4. Minutes of the Board of Directors Special Meeting of July 31, 2019
5. Board Communications Received from July 31, 2019 through September 3, 2019
6. Air District Personnel on Out-of-State Business Travel
7. Notices of Violations Issued and Settlements in Excess of \$10,000 in the month of July 2019

Public Comments

No requests received.

Board Comments

None.

Board Action

Director Mitchoff made a motion, seconded by Director Hudson, to **approve** the Consent Calendar Items 4 through 7, inclusive; and the motion **carried** by the following vote of the Board:

AYES: Barrett, Canepa, Chavez, Cutter, Hudson, Jue, Mar, Miley, Mitchoff, Rice, Sinks, Spring, Wagenknecht, Zane.

NOES: None.
ABSTAIN: None.
ABSENT: Abe-Koga, Bauters, Gioia, Groom, Haggerty, Kim, Kniss, Ross, Walton, Wilson.

PRESENTATION

8. Wildfire Air Quality Response Program and Public Messaging

Wayne Kino, Deputy Air Pollution Control Officer of Operations, introduced the following Air District staff members and guests: Tracy Lee, Manager; Alan Abbs, Legislative Officer; Lisa Fasano; Communications Officer; Judith Cutino, Health Officer; and R. Jan Gurley, M.D., and Shruti Dhapodkar, M.D. (representatives of the Association of Bay Area Health Officials (ABAHO)).

These individuals gave the joint presentation *Wildfire Air Quality Response Program and Public Messaging*, including; overview; Cal Fire top twenty most destructive California wildfires; local and regional Particulate Matter (PM) from wildfires; Wildfire Air Quality Response Program; rule development; legislative initiative; grants and incentives; partnership with American Red Cross; 2017-2018 wildfire messaging: lessons learned and regional partnerships; community information and resources; introduction of Health Officers/ABAHO Liaison; creation of one common message; public health messaging principles; Bay Area Regional Air Quality Messaging Toolkit; and investing in cleaner air facilities is the safest and most cost-effective option.

Public Comments

No requests received.

Board Comments

The Board and staff discussed whether Assembly Bill 836 (Wildfire Smoke Clean Air Center Incentive Program for Vulnerable Populations) will be geographically bounded; the need for the legislation's language to emphasize the lack of long-term investment in facilities, such as schools; the suggestion of including business park development when considering which facilities to upgrade; the correlation between a person's poverty and their lack of access to facilities with updated heating and ventilation air conditioning (HVAC) systems; the concern that the American Red Cross tends to relocate its equipment to where it may be needed and may move filters purchased with Air District funds outside of the Bay Area; concerns that the newly-formed Air Quality Communications Alliance, which currently has the acronym of "AQCA" may be confused with other entities with the same acronym; the suggestion of the Air District working with local fire departments; the fact that some of the nine Bay Areas are more communicative with the Air District than others; the dispute among medical professionals regarding the efficacy of N95 respirators; the Air District's "Wildfire Smoke Preparedness Tips" tri-fold; how choosing to stay in a high-temperature facility during a wildfire incident could have lethal consequences; the estimation of a financial investment that could cover the costs of new filtration systems such as Minimum Efficiency Reporting Value (MERV) 13 or higher filters for high schools in the Bay Area, and the fact that such filters cannot simply be inserted into existing school filtration systems; the suggestion that the Air District find out what safety procedures major employers (private and public) currently have in place; whether the Air District's Spare the Air

(summer and winter) Programs should distribute MERV 13 filters as incentives; the need for upgrading infrastructure and building codes; how stress can mimic other diseases and conditions and impact medical emergency room visits during wildfire incidents, and the need for early intervention regarding behavioral health impacts during such events; the need to link climate change to the increase in wildfire frequency; and the need to support wildfire prevention work (such as prescribed burning).

Board Action

None; receive and file.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

No requests received.

BOARD MEMBERS' COMMENTS

10. **Board Members' Comments**

Director Hudson said that the success rate of extinguishing the Amazon rainforest wildfires in Brazil needs to be investigated.

Director Wagenknecht reported on his experience at the Air & Waste Management Association's 112th Annual Conference and Exhibition in Quebec City in June 2019.

OTHER BUSINESS

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

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

- The Air District's Wildfire Air Quality Response Program will be developed over the next several months and the regulation is expected to be brought to the Board for consideration in November 2019.
- Since January 2019, there have been nine days on which Bay Area ozone levels exceeded National Ambient Air Quality Standards.
- Dr. Ranyee Chiang, formerly the Air District's Technology Implementation Officer, has accepted the position of Meteorology and Measurement Division Director, succeeding Eric Stevenson. Recruitment for the position of Technology Implementation Officer is forthcoming.

12. **Chairperson's Report**

Chair Rice announced that San Francisco County Supervisor, Shamann Walton, was appointed to the Air District's Board of Directors for the remainder of Supervisor Hillary Ronen's (Board) term, expiring February 1, 2021.

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

Wednesday, September 18, 2019, at 375 Beale Street, San Francisco, CA 94105 at 9:30 a.m.

14. **Adjournment**

The meeting adjourned at 12:12 p.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Board Communications Received from September 4, 2019 through September 17,
2019

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Copies of communications directed to the Board of Directors received by the Air District from September 4, 2019, through September 17, 2019, if any, will be at each Board Member's place at the September 18, 2019, Board meeting.

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 Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Notices of Violations Issued and Settlements in Excess of \$10,000 in the month of
August 2019

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 6A: Notices of Violations for the Month of August 2019

NOTICES OF VIOLATIONS ISSUED

The following Notice(s) of Violations were issued in August 2019:

Alameda						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Alameda County Water District	A3276	Fremont	A59380A	8/1/2019	8-7-301.1	Uncertified P/V 4885 Cap
Baran Studio Architecture	Z6590	Oakland	A59102A	8/21/2019	11-2-401.3	Failure to notify ASB109804
California State University, East Bay	A5249	Hayward	A59379A	8/1/2019	8-7-301.1	Operation of non-certified system
CASS, Inc.	A0146	Oakland	A56074A	8/29/2019	2-1-307	BAAQMD ST #19127 - CO 18.6 ppm
City of Berkeley/Engr Div./Public Works	A3590	Berkeley	A58778A	8/9/2019	8-34-304	R8-34-304.1
City of Berkeley/Engr Div./Public Works	A3590	Berkeley	A58778B	8/9/2019	2-1-307	2-307 PC #1826 subsection 3
City of Berkeley/Engr Div./Public Works	A3590	Berkeley	A58778C	8/9/2019	CCR	CCR Title 17 95464(b)(1)(A)
Classic Graphics	A9800	Newark	A58084A	8/23/2019	2-1-307	Exceeded combined net coating usage limit for S1 & S2 PC #11742
East Bay Municipal Utility District	A0591	Oakland	A58828A	8/27/2019	2-6-307	RCA #07N35 PRV vented digester gas
Morgenroth Development	Z6559	Pleasanton	A59100A	8/15/2019	11-2-401.3	Failure to notify
Synergy Enterprises	Z6542	Hayward	A58655A	8/13/2019	11-2-401.3	Failure to notify ASB109602

Contra Costa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Acme Fill Corporation	A1464	Martinez	A58889A	8/21/2019	8-34-303	Surface leak discovered above standard @ EW19 & EW23
Acme Fill Corporation	A1464	Martinez	A58890A	8/28/2019	8-34-301.2	Component leak > 1000ppm on condensate tank
Bay Marine Boatworks, Inc.	A7847	Richmond	A59232A	8/30/2019	2-1-302	Expired permit to operate
Biorichland LLC.	A7943	Richmond	A57890A	8/27/2019	2-1-302	Permit expired 10/01/18
C & H Sugar Company, Inc.	B1911	Crockett	A59229A	8/9/2019	2-6-307	PM emissions not abated by baghouse deviation # 5311
Chevron Products Company	A0010	Richmond	A58625A	8/6/2019	2-6-307	PO#26569 failed source test 05-7254 NST4743
East Bay Body Shop	A5558	Richmond	A59231A	8/30/2019	2-1-302	Expired permit to operate
Independent Construction Co.	Z6581	Concord	A58082A	8/13/2019	6-1-301	Earth grading operation dust emission exceeding ringelmann 1 For 6 minutes, Rin Noa-0148
Lennar Homes of California	Z6568	San Ramon	A58083A	8/13/2019	10	CCR Title 17 Section 93105(e)(2)(A)2 failure to implement Air District approved admp Rin NOA-0149
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A58345A	8/13/2019	8-18-309	Unsealed OEL
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A58345B	8/13/2019	8-18-407	Unsealed OEL
Shell Martinez Refinery	A0011	Martinez	A58626A	8/7/2019	9-2-301	07F18 - H2S exceedances

Shell Martinez Refinery	A0011	Martinez	A58627A	8/7/2019	9-2-301	07F21 - H2S exceedances
ST Shore Terminals LLC.	A0581	Crockett	A59230A	8/9/2019	8-33-503	Report not submitted within 60 days. Deviation # 5382
Vessel "Amazon Virtue"	Z6506	Richmond	A59003A	8/6/2019	6-1-301	Excessive visible emissions
Wang Jin	Z6534	Concord	A58654A	8/12/2019	11-2-401.3	Failure to notify ASB109640

Napa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
CA Dept of Forestry Napa County	Y6971	Saint Helena	A58550A	8/14/2019	2-1-301	Phase 1 VR modified from coaxial to two-point w/o permit
CA Dept of Forestry Napa County	Y6971	Saint Helena	A58550B	8/14/2019	2-1-307	Phase 1 VR modified from coaxial to two-point w/o permit

San Francisco						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Caponio & Sons	Z6544	San Francisco	A58685A	8/13/2019	11-2-401.3	44 late notification of demolition ASB109524
Gas and Shop	X2639	San Francisco	A58811A	8/19/2019	2-1-307	Failure to conduct/pass annual source test due 1/2019
Gas and Shop	X2639	San Francisco	A58811B	8/19/2019	8-7-503.2	Failure to maintain record keeping - maintenance ISD alarms.
Gashouse Cove Marina, Inc.	S5763	San Francisco	A58812A	8/26/2019	2-1-301	No A/C on record for install/modification from 1 nozzle listed on P/O to 2 nozzles observed
Gashouse Cove Marina, Inc.	S5763	San Francisco	A58813A	8/26/2019	2-1-302	Operating 2 gas nozzles w/o corrected permit (permit discrepancy)

San Mateo

Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Andy's BP Inc.	Z6597	South San Francisco	A58551A	8/21/2019	8-7-302.3	Failed back pressure test (#7/#8) 10/11/18
ARCO Facility #02090	Z6567	Daly City	A58810A	8/19/2019	8-7-301.2	Failure to replace vapor dust cap @ 87 grade W/certified CARB E/Q VR-102 cap
Bayshore Shell	Z6530	Burlingame	A58808A	8/12/2019	8-7-408	Missing 2018 source test - no results recorded
Browning-Ferris Industries of CA, Inc.	A2266	Half Moon Bay	A58224A	8/1/2019	2-6-307	Missing monthly data per permit condition #10164.21(a)
CEJ Construction	Z6533	South San Francisco	A58684A	8/12/2019	11-2-401.3	Failure to obtain demolition J# permit
Chevron #1909	C2763	Burlingame	A58809A	8/12/2019	8-7-408	Failure to submit 11/20/18 source test to Air District in timely manner
Reliance Construction	N4905	Burlingame	A58683A	8/5/2019	11-2-303.6	Breach in containment
Reliance Construction	N4905	Burlingame	A58683B	8/5/2019	11-2-304.1	No generator labels

Santa Clara						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
ARCO AM/PM	Z6478	Campbell	A58807A	8/9/2019	2-1-301	Conversion of gas to diesel w/no AC (authority to construct) for conversion
Owens Corning Insulating Systems, LLC.	A0041	Santa Clara	A57226A	8/15/2019	2-6-307	Permit condition #24873
Rebuild Green	V0408	Palo Alto	A58585A	8/8/2019	11-2-401.5	Failure to start on sched. start date of 07/20/19 Failure to revise
SFPP, LP.	A4020	San Jose	A58198A	8/21/2019	8-5-320	Gap in gasketed cover at floating roof ladder > 0.32 cm (1/8 in)
SFPP, LP.	A4020	San Jose	A58199A	8/21/2019	8-33-309.5	Vapor hose connector leaking in excess of 3,000 ppm (6w Front)
SFPP, LP.	A4020	San Jose	A58200A	8/28/2019	8-5-320.2	Product inside top of gauge float 87g fuel, SJ-13
Z-Con Specialty Services	Z5219	San Jose	A58586A	8/21/2019	11-2-405	Failure to pay fees
Z-Con Specialty Services	Z5219	San Jose	A58586B	8/21/2019	3-317	Failure to pay fees

Solano						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Cal Inc.	Z6518	Vacaville	A58927A	8/8/2019	11-2-401.5	Inaccurate start date ASB109338
Valero Refining Company - California	B2626	Benicia	A58987A	8/15/2019	2-6-307	Deviation# 5472 sulfur storage pit unabated during operation of S1 & S2

Valero Refining Company - California	B2626	Benicia	A58989A	8/22/2019	2-6-307	Permit condition # 24245.40 & late reporting
Valero Refining Company - California	B2626	Benicia	A58989B	8/22/2019	9-1-307	Episode# 07E38 SO2 1hr & 12hr average limit of 250 ppm exceeded

Sonoma						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Bertolti Landscaping Inc.	Z6619	Petaluma	A58549A	8/20/2019	2-1-307	Phase 1 EVR not installed per CARB Executive order VR-402 (authority to construct #465328)
Daniel O Davis Inc.	F6985	Santa Rosa	A55943A	8/20/2019	11-2-401.5	Asbestos operational fees not paid / e-check bounced
Daniel O Davis Inc.	F6985	Santa Rosa	A55943B	8/20/2019	3-317	Asbestos operational fees not paid / e-check bounced
Daniel O'Davis Inc.	Y5290	Santa Rosa	A58653A	8/9/2019	11-2-401.5	35 inaccurate start date ASB108974

District Wide						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Meza Env. Inc.	Z6615	Stockton	A58656A	8/21/2019	11-2-405	Section 405 & Section 317 (failure to pay fees)
Meza Env. Inc.	Z6615	Stockton	A58656B	8/21/2019	3-317	Section 405 & Section 317 (failure to pay fees)

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There was 1 settlement for \$10,000 completed in August 2019.

- 1) On August 13, 2019, the Air District reached settlement with Novato Sanitary District for \$23,500, regarding the allegations contained in the following four Notices of Violations:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56139A	1/18/2018	10/7/2016	2-1-307	Episodes 07A49 & 07C87 Cond. 24392.1
A56140A	1/18/2018	3/4/2017	2-1-307	Excess Emission - Episode 07C51
A56140B	1/18/2018	3/4/2017	1-523.3	Excess Emission- Episode 07C51
A56141A	1/18/2018	8/2/2017	2-1-307	Episodes- 07C06, 07C52, 07C86, 07E06
A56151A	4/26/2018	2/9/2018	2-1-307	Episodes 07G16, 07G17, 07G19, 07G32, 07G44, 07G46, 07G57, 07G58, 07G70

BAY AREA AIR QUALITY MANGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

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

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

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

The report covers the out-of-state business travel for the month of August 2019. The monthly out-of-state business travel report is presented in the month following travel completion.

DISCUSSION

The following out-of-state business travel activities occurred in the month of August 2019:

National Association of Clean Air Agencies (NACAA) Summer Board of Directors and Committee Chairs Meeting, Portland, Oregon, August 3, 2019 – August 5, 2019 Attendee:

- Jack P. Broadbent, Executive Officer/APCO

Association for Commuter Transportation (ACT) 2019 International Conference, New York City, New York, August 4, 2019 – August 7, 2019 Attendee:

- Karen Schkolnick, Strategic Incentives Division Director

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Stephanie Osaze

Reviewed by: Jeff McKay



Mary D. Nichols, Chair
 Jared Blumenfeld, CalEPA Secretary
 Gavin Newsom, Governor

TO: Members of the Board of Directors

FROM: Supervisor John Gioia
 Board Member

DATE: August 7, 2019

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

The list below summarizes my activities as a California Air Resources Board member from April 1, 2019, through June 30, 2019:

April Activities

2nd Meeting with WSPA re: San Joaquin Valley Emissions Credits
 8th CARB/CTC Joint Meeting Briefing
 17th April Staff Briefing
 17th Meeting with EVCA re: ZEV Charging Infrastructure
 25th April Board Meeting

May Activities

13th May Staff Briefing
 22nd MECA Symposium
 23rd May Board Meeting
 28th Meeting with Siemens re: ZEV Charging Infrastructure

June Activities

12th Meeting with Plug-In America re: ZEV Charging Infrastructure
 14th June Staff Briefing
 27TH June Board Meeting

Attachments: Public Agendas



ADVANCE COPY

PUBLIC MEETING AGENDA

**Thursday,
April 25, 2019**

[Webcast](#)

LOCATION:

California Environmental Protection Agency
California Air Resources Board
Byron Sher Auditorium, 2nd Floor
1001 I Street
Sacramento, California 95814

This facility is accessible by public transit. For transit information, call (916) 321-BUSS, website:

<http://www.sacrt.com>

(This facility is accessible to persons with disabilities.)

TO SUBMIT WRITTEN COMMENTS ON AN AGENDA ITEM IN ADVANCE OF THE MEETING GO TO:

<http://www.arb.ca.gov/lispub/comm/bclist.php>

**Thursday
April 25, 2019
9:00 a.m.**

DISCUSSION ITEMS:

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

Agenda Items #

19-4-1: Public Hearing to Consider Proposed Amendments to the Red Sticker Program for Off-Highway Recreational Vehicles

The California Air Resources Board (CARB or Board) will consider amendments to the Red Sticker Program for Off-Highway Recreation Vehicles (OHRV). OHRV are primarily used in public state parks and federally designated lands, as well as on private tracks. The goal of the proposed amendments is to end the current red sticker program which allows for CARB certification of OHRV that do not meet emissions standards. The amendments include provisions that end the certification of new red sticker vehicles, end riding restrictions on public lands for existing red sticker vehicles, establish new OHRV emissions standards, and increase incentives for fleet emissions averaging and zero emission OHRV. The proposed amendments are intended to cause emissions reductions from OHRV in California while ensuring availability for California dealers and riders.

[More Information](#)

[Staff Presentation](#)

19-4-2: Public Hearing to Consider Proposed Amendments to the Regulation for the Certification of Vapor Recovery Systems for Cargo Tanks

The Board will consider the proposed amendments to the Certification of Vapor Recovery Systems on Cargo Tanks Regulation that establish a regulatory mechanism to periodically evaluate program costs and subsequently adjust the certification fee to recover these costs, per the authority under the Health and Safety Code section 41962. In addition, the proposed amendments will establish: (1) a requirement for a public meeting prior to adjusting fees, (2) an effective date of January 1 following a fee revision, (3) the cost of replacement decals, and (4) procedures to request a certification fee refund.

[More Information](#)

[Staff Presentation](#)

19-4-3: Public Meeting to Hear an Informational Update to the Board on International Engagement

The Board will hear an update on CARB's 2018 climate and air quality collaborations with foreign jurisdictions and priorities for international engagement for 2019.

[More Information](#)

[Staff Presentation](#)

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, and as authorized by Government Code section 11126(a):

American Fuel and Petrochemical Manufacturers, et al. v. Jane O'Keeffe, et al., U.S. District Court (D. Ore. Portland), Case No. 3:15-CV-00467; Plaintiffs' appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 15-35834; Plaintiffs' petitions for Certiorari in United States Supreme Court, Case No. 18-881.

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

Electric Power Supply Association, et al. v. Star, et al., U.S. Court of Appeals, Seventh Circuit, Case No. 17-2445.

Mexichem Fluor, Inc. v. U.S. EPA, (D.C. Cir. 2017) 866 F. 3d 451 (U.S. Court of Appeals, District of Columbia Circuit, Case Nos. 15-1328 and 15-1329).

Rocky Mountain Farmers Union, et al. v. Corey, U.S. District Court (E.D. Cal. Fresno), Case No. 1:09-CV-02234-LJO-DLB; ARB interlocutory appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 12-15131.

American Fuels and Petrochemical Manufacturers, et al. v. Corey, et al., U.S. District Court (E.D. Cal. Fresno), Case No. 1:10-CV-00163-AWI-GSA; ARB's interlocutory appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 10-CV-00163.

Sowinski v. California Air Resources Board, et al., United States District Court for the Central District of California, No. 8:15-cv-02123.

State of California, et al. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 18-1114.

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 California, et al. v. Ryan Zinke, et al., United States District Court, Northern District of California, Case No. 3:18-cv-5712-DMR

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

State of California, et al. v. United States Environmental Protection Agency et al., U.S. District Court, Northern District of California, Oakland Division, Case No. 4:17-cv-6936-HSG.

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

State of West Virginia et al. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1363.

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.

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.

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.

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.

John R. Lawson Rock & Oil, Inc. v. California Air Resources Board, and Richard Corey, Superior Court of California, County of Fresno, Central Division, Case No. 19CEGG00331.

Murray Energy Corporation v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1385.

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.

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

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

People v. Walgreens Co., Sacramento County, Case No. 34-2018-00244759.

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

California Air Resources Board vs. Cascade Sierra, Sacramento Superior Court, Case No. 34-2017-00223510.

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.

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

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

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.

TO ELECTRONICALLY SUBMIT WRITTEN COMMENTS ON AN AGENDA ITEM IN ADVANCE OF THE MEETING GO TO:

<https://www.arb.ca.gov/lispub/comm/bclist.php>

(Note: not all agenda items are available for electronic submittals of written comments.)

PLEASE NOTE: No outside memory sticks or other external devices may be used at any time with the Board audio/visual system or any CARB computers. Therefore, PowerPoint presentations to be displayed at the Board meeting must be electronically submitted via email to the Clerk of the Board at 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 CLERK OF THE BOARD:

1001 I Street, 23rd Floor, Sacramento, California 95814

(916) 322-5594

CARB Homepage: 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 Clerk of the Board at (916) 322-5594 or by facsimile at (916) 322-3928 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 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 o envíe un fax a (916) 322-3928 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.



PUBLIC MEETING AGENDA

**Thursday,
May 23, 2019**

[Webcast](#)

LOCATION:

California Environmental Protection Agency
California Air Resources Board
Byron Sher Auditorium, 2nd Floor
1001 I Street
Sacramento, California 95814

This facility is accessible by public transit. For transit information, call (916) 321-BUSS, website:

<http://www.sacrt.com>

(This facility is accessible to persons with disabilities.)

TO SUBMIT WRITTEN COMMENTS ON AN AGENDA ITEM IN ADVANCE OF THE MEETING GO TO:

<http://www.arb.ca.gov/lispub/comm/bclist.php>

**Thursday
May 23, 2019
9:00 a.m.**

DISCUSSION ITEMS:

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

Agenda Items #

- 19-5-1: Public Hearing to Consider Proposed Amendments to the California Air Resources Board's Certified Regulatory Program in the California Code of Regulations, Title 17, Sections 60000-60007**

The California Air Resources Board (CARB or Board) will consider proposed amendments to CARB's Certified Regulatory Program in the California Code of Regulations, Title 17, Sections 60000 - 60007. The objectives of the proposed amendments are to more fully set forth the procedures CARB follows to align CARB's procedures with established California Environmental Quality Act principles as appropriate, to harmonize the regulation to the statutory requirements, to eliminate regulatory ambiguity, to add greater specificity to CARB's environmental review process, and to update reference citations.

[More Information](#)

[Staff Presentation](#)

- 19-5-2: Public Meeting to Consider Proposed Updates to the Architectural Coatings Suggested Control Measure**

The Board will consider proposed updates to the Suggested Control Measure (SCM) for Architectural Coatings. The proposed updates to the SCM would reduce volatile organic compound (VOC) limits for several coating categories, create two new coatings categories, and set limits for colorants (tints) added to architectural coatings at the point of sale. The updated SCM would serve as a model rule and assist air districts in their efforts to further reduce VOC emissions to meet ambient air quality standards for ozone.

[More Information](#)

[Staff Presentation](#)

19-5-3: Public Meeting to Hear an Informational Update on the California Air Resources Board's Incentive Programs

The Board will hear an update on CARB's portfolio of incentive programs and how the programs fit together to support California's air quality and climate change goals.

[More Information](#)

[Staff Presentation](#)

19-5-4: Public Meeting to Consider Proposed Community Air Protection Funds 2019 Guidelines

Spanish translation will be provided at the Board Meeting for this item, Item 19-5-4.

The Board will consider approving the proposed Community Air Protection Incentive Funds 2019 Guidelines (Guidelines). These Guidelines would provide the framework for local Air Pollution Control and Air Quality Management Districts to implement new stationary source incentives in support of Assembly Bill 617, as well as community-identified projects. The proposed Guidelines also include two new project categories: incentives for the installation of emissions control technologies at hexavalent chrome plating facilities and a facility-wide measure for schools.

[More Information](#)

[Staff Presentation](#)

19-5-5: Public Meeting to Hear an Informational Update on Active Transportation: Designing Communities for Health

The Board will hear how community designs that promote active transportation (biking and walking) and transit can result in multiple health benefits for Californians. Replacing short trips taken by cars with active transportation represents a double win: improving health and reducing greenhouse gas emissions. The Board will also learn about the tools and studies funded by CARB to better understand and quantify the health benefits from active transportation.

[More Information](#)

[Staff Presentation](#)

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, and as authorized by Government Code section 11126(a):

American Fuel and Petrochemical Manufacturers, et al. v. Jane O'Keeffe, et al., U.S. District Court (D. Ore. Portland), Case No. 3:15-CV-00467; Plaintiffs' appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 15-35834; Plaintiffs' petitions for Certiorari in United States Supreme Court, Case No. 18-881.

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

Mexichem Fluor, Inc. v. U.S. EPA, (D.C. Cir. 2017) 866 F. 3d 451 (U.S. Court of Appeals, District of Columbia Circuit, Case Nos. 15-1328 and 15-1329).

Rocky Mountain Farmers Union, et al. v. Corey, U.S. District Court (E.D. Cal. Fresno), Case No. 1:09-CV-02234-LJO-DLB; ARB interlocutory appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 12-15131.

American Fuels and Petrochemical Manufacturers, et al. v. Corey, et al., U.S. District Court (E.D. Cal. Fresno), Case No. 1:10-CV-00163-AWI-GSA; ARB's interlocutory appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 10-CV-00163.

Sowinski v. California Air Resources Board, et al., United States District Court for the Central District of California, No. 8:15-cv-02123.

State of California, et al. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 18-1114.

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 California, et al. v. Ryan Zinke, et al., United States District Court, Northern District of California, Case No. 3:18-cv-5712-DMR

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

State of California, et al. v. United States Environmental Protection Agency et al., U.S. District Court, Northern District of California, Oakland Division, Case No. 4:17-cv-6936-HSG.

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

State of West Virginia et al. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1363.

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.

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.

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.

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.

John R. Lawson Rock & Oil, Inc. v. California Air Resources Board, and Richard Corey, Superior Court of California, County of Fresno, Central Division, Case No. 19CEGG00331.

Murray Energy Corporation v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1385.

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.

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

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

Air Resources Board v. Fiat Chrysler Automobiles N.V. and FCA US LLC, U.S. District Court, Northern District of California, Case No. 3:17-md-02777-EMC, 3:17-cv-3446-EMC, 3:19-cv-00151-EMC.

People v. Walgreens Co., Sacramento County, Case No. 34-2018-00244759.

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

California Air Resources Board vs. Cascade Sierra, Sacramento Superior Court, Case No. 34-2017-00223510.

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.

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

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

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

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ADVANCE COPY

PUBLIC MEETING AGENDA

**Thursday,
June 27, 2019**

[Webcast](#)

LOCATION:

California Environmental Protection Agency
California Air Resources Board
Byron Sher Auditorium, 2nd Floor
1001 I Street
Sacramento, California 95814

This facility is accessible by public transit. For transit information, call (916) 321-BUSS, website:

<http://www.sacrt.com>

(This facility is accessible to persons with disabilities.)

**TO SUBMIT WRITTEN COMMENTS ON AN AGENDA
ITEM IN ADVANCE OF THE MEETING GO TO:**

<http://www.arb.ca.gov/lispub/comm/bclist.php>

**Thursday
June 27, 2019
9:00 a.m.**

DISCUSSION ITEMS:

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

Agenda Items #

- 19-6-1: Public Hearing To Consider Proposed Alternative Certification Requirements and Test Procedures for Heavy-Duty Electric and Fuel-Cell Vehicles and Proposed Standards and Test Procedures for Zero-Emission Powertrains (Zero-Emission Powertrain Certification Regulation)**

The California Air Resources Board (CARB or Board) will consider adoption of the proposed Zero-Emission Powertrain Certification Regulation, which would establish a new optional certification pathway for heavy-duty electric and fuel-cell vehicles and the zero-emission powertrains they use. The proposal would provide additional market transparency and help ensure effective in-use support for such vehicles and powertrains. This is the second of two Board hearings on this item; the Board will consider certifying the Final Environmental Analysis, approving written response to any environmental comments received, approving findings and statement of overriding considerations, and adopting the regulation at this meeting.

[More Information](#)

[Staff Presentation](#)

- 19-6-2: Public Hearing to Consider the Proposed Zero-Emission Airport Shuttle Regulation**

The Board will consider adoption of the proposed Zero-Emission Airport Shuttle Regulation. The proposed regulation will transition combustion powered airport shuttles to zero-emission vehicles and will apply to private and public fixed destination shuttles that serve California's commercial airports. 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 any environmental comments received, approving findings and statement of overriding considerations, and adopting the regulation at this meeting.

[More Information](#)

[Staff Presentation](#)

19-6-3: Public Meeting to Consider Proposed Electric Vehicle Supply Equipment Standards

The Board will consider the proposed regulation in response to SB 454 (Corbett, Ch. 418, Stat. 2013) which establishes standardized Electric Vehicle Supply Equipment access for drivers that will build driver confidence in charging infrastructure. The proposed regulation will also support zero emission vehicle adoption in California.

[More Information](#)

[Staff Presentation](#)

19-6-4: Public Meeting to Hear the 2018 Annual Enforcement Report

The Board will hear a summary of the Enforcement Division's 2018 Annual Report. This will include 2018 highlights on enforcement of defeat devices and fuels, updates to the streamlined truck and bus enforcement process, and improvements to supplemental environmental projects. Staff will assess compliance in key programs and describe our enforcement focus in disadvantaged communities. Finally, staff will present updates to enforcement programs and provide a look into the future.

[More Information](#)

[Staff Presentation](#)

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, and as authorized by Government Code section 11126(a):

American Fuel and Petrochemical Manufacturers, et al. v. Jane O'Keeffe, et al., U.S. District Court (D. Ore. Portland), Case No. 3:15-CV-00467; Plaintiffs' appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 15-35834; Plaintiffs' petitions for certiorari in United States Supreme Court, Case No. 18-881.

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

Mexichem Fluor, Inc. v. U.S. EPA, (D.C. Cir. 2017) 866 F. 3d 451 (U.S. Court of Appeals, District of Columbia Circuit, Case Nos. 15-1328 and 15-1329).

Rocky Mountain Farmers Union, et al. v. Corey, U.S. District Court (E.D. Cal. Fresno), Case No. 1:09-CV-02234-LJO-DLB; ARB interlocutory appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 12-15131.

American Fuels and Petrochemical Manufacturers, et al. v. Corey, et al., U.S. District Court (E.D. Cal. Fresno), Case No. 1:10-CV-00163-AWI-GSA; ARB's interlocutory appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 10-CV-00163. ; Plaintiffs' petitions for certiorari in United States Supreme Court, Case No. 13-1149.

Sowinski v. California Air Resources Board, et al., United States District Court for the Central District of California, No. 8:15-cv-02123.

State of California, et al. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 18-1114.

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 California, et al. v. Ryan Zinke, et al., United States District Court, Northern District of California, Case No. 3:18-cv-5712-DMR

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

State of California, et al. v. United States Environmental Protection Agency et al., U.S. District Court, Northern District of California, Oakland Division, Case No. 4:17-cv-6936-HSG.

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

State of West Virginia et al. v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1363.

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.

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.

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.

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.

John R. Lawson Rock & Oil, Inc. v. California Air Resources Board, and Richard Corey, Superior Court of California, County of Fresno, Central Division, Case No. 19CEGG00331.

Murray Energy Corporation v. United States Environmental Protection Agency, U.S. Court of Appeals, District of Columbia Circuit, Case No. 15-1385.

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.

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

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

Air Resources Board v. Fiat Chrysler Automobiles N.V. and FCA US LLC, U.S. District Court, Northern District of California, Case No. 3:17-md-02777-EMC, 3:17-cv-3446-EMC, 3:19-cv-00151-EMC.

People v. Walgreens Co., Sacramento County, Case No. 34-2018-00244759.
In re Pacific Gas and Electric Company, U.S. Bankruptcy Court, Northern District of California, Case No. 19-30089.

California Air Resources Board vs. Cascade Sierra, Sacramento Superior Court, Case No. 34-2017-00223510.

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.

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

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

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BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Quarterly Report of the Executive Office and Division Activities for the Months of
April 2019 – June 2019

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

Human Resources

The Human Resources (HR) Office conducted 10 recruitments including exams for: Administrative Secretary, Air Quality Engineer I/II, Assistant Counsel I/II, Fiscal Services Coordinator, College Interns, Principal Air Quality Engineer, Senior Air Quality Engineer, Senior Air Quality Instrument Specialist, Staff Specialist I/II (2). In addition, the HR Office offered seven training sessions, including: Developing Analytical Skills, Change Management, Project Management, Managing the Marginal Employee, Difficult Conversations, Embracing Generational Diversity and Succession Planning, and HR Academy. The HR Office continues to administer payroll, benefits, safety/worker's compensation, labor/employee relations, and wellness activities. There are currently 360 regular employees, 16 temporary employees and interns, and 45 budgeted vacant positions. There were 28 new employees, 22 promotions, and six (6) separations from April to June 2019.

Business Office

The Business Office issued 578 purchase orders and executed 143 contracts. There were five requests for proposals/qualifications issued during this period.

Fleet and Facilities Office

Fleet services disposed of three (3) vehicles, acquired sixteen (16) vehicles, and sent 54 vehicles for maintenance and/or body shop repairs. There were 371 vehicle requests (164 from Metropolitan Transportation Commission (MTC) staff and 207 from Air District staff), of which 267 were pool vehicles and 49 were Enterprise car rentals. There were 47 cancelled requests. There are currently 127 fleet vehicles: two (2) electric, three (3) hydrogen fuel cell, 60 plug-in hybrids, 21 gas, nine (9) compressed natural gas, and 32 hybrids. Facilities received 54 Workspeed/Angus requests, facilitated seven (7) furniture orders and completed 81 ad-hoc

projects/tasks. Facilities 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.

COMPLIANCE AND ENFORCEMENT DIVISION
J. GOVE, DIRECTOR

Enforcement Program

Air District Staff documented 187 air pollution violations that resulted in Notices of Violations (NOVs) and responded to 818 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 April 10, 2019 and April 15, 2019, Air District, US Environmental Protection Agency (EPA) Region Nine and Solano County Environmental Health Department staff met with Valero Refinery staff in Benicia to continue gathering information and documentation from the March 2019 Flue Gas Scrubber (FGS) and Coker Unit (Coker) upsets. On April 29, 2019, representatives from the investigating agencies (California Occupational Safety and Health Administration (Cal-OSHA), EPA Region Nine & Air District) were allowed brief access to inspect the Coker Unit furnace equipment including some confined-space areas. This investigation is still ongoing.

On April 29, 2019, the California Air Resources Board (CARB) provided the Air District with its complaint investigation report documenting CARB's findings about the Air District's oversight of Lehigh Southwest Cement Company (Lehigh), a Bay Area Portland cement manufacturing facility located in Cupertino. CARB found that Lehigh generally operated within the parameters of its Title V and Air District permits, and that Air District staff were responsive to neighborhood complaints and provided appropriate oversight of the facility.

Due to safety concerns, staff worked with Sonoma County Code Enforcement (SCE) to resolve several odor complaints, referred to the Air District by CARB and the US EPA. The complainants alleged bad odors from a generator at the Karah Estate Winery, Cotati, possibly associated with an illegal cannabis growing operation. SCE confirmed the illegal grow operation and issued a five-day cease and desist notice to the responsible party (renter) on the property.

On May 7, 2019, Compliance and Enforcement (C&E) staff visited AB&I foundry with CARB staff and the Eastern Research Group (ERG) consultants to finalize test locations for the upcoming source-specific, fugitive emissions study in July. ERG plans to test at five locations at AB&I, including installing monitors at upwind and downwind locations, and conducting fugitive emissions testing at three different sources of operations. ERG will test for semi-volatiles and volatiles, including aldehydes, phenols, and formaldehyde. On several occasions this year, Air District's C&E, Engineering, Meteorology and Measurements, and Community Engagement staff

met with CARB to make recommendations and support a source-specific assessment and fugitive emission study to quantify emissions and health risks for the purposes of the Reduction of Risk from Air Toxic Emissions at Existing Facilities, Regulation 11, Rule 18 (Rule 11-18) and early Assembly Bill (AB) 617 efforts. Over the last quarter, the City of Oakland Mayor's Office has inquired about foundry odors from processes at AB&I due to the growing community concerns in the Maxwell Park area located two miles Northeast of the facility.

On May 13, 2019, the Hydrocracker and #1 Hydrogen plant at Tesoro Refinery (Marathon Refinery) in Martinez tripped offline, which resulted in flaring. No complaints were received by the Air District and no Sulfur Dioxide (SO₂) or Hydrogen Sulfide (H₂S) activity was recorded at the Ground Level Monitors (GLMs). The Air District's investigation of this flaring event is ongoing.

On May 15, 2019, staff met with representatives from Shoreline Amphitheatre (Shoreline) and the City of Mountain View to discuss Shoreline Amphitheatre's options to achieve compliance with the State's landfill methane rule. Shoreline and the City of Mountain View agreed to work together towards a solution under a compliance and enforcement agreement (agreement) with the Air District. The agreement is expected to be signed in the third quarter once a compliance plan, timelines and milestones for compliance are agreed upon.

On May 15, 2019, staff attended a City of San Francisco Planning Department meeting at which Espetus Brazilian Steakhouse representatives were granted an extension for installing a smoke and odor abatement system on the restaurant's cooking operations. The restaurant's smoke and odor problems have impacted the local neighborhood and resulted in hundreds of complaints to the Air District over the last two years. The extension included no additional penalties for the restaurant, provided the abatement system was installed by a mid-August 2019 deadline.

On May 17, 2019, staff teleconferenced with the US EPA Region Nine to discuss the implementation status of the State Review Framework (SRF) recommendations arising from the SRF enforcement program oversight review conducted at the Air District from September 25, 2017-September 27, 2017. Staff advised US EPA of its progress in meeting those recommendations, which include timely and accurate reporting of all compliance monitoring Minimum Data Requirements into US EPA's ICIS-Air reporting system by the end of the federal government's fiscal year ending 2019. Staff will provide US EPA a status update on a quarterly basis.

On June 6, 2019, Air District's C&E, Engineering and Legal staff participated in a conference call with US EPA Region Nine to discuss coordinating joint inspections at Schnitzer Steel in Oakland and Sims Metal Management in Redwood City, two auto shredding facilities. US EPA Region Nine is concerned with Volatile Organic Compound (VOC) and metal emissions from the shredding process and is trying to obtain more accurate emission factors. During the conference call, Air District staff provided information regarding compliance concerns and engineering designs of equipment, abatement and emission controls. On July 23, 2019, Air District staff will join US EPA Region Nine for a multi-agency compliance inspection.

On June 10, 2019, Air District's Executive staff met with Tesla to discuss ongoing compliance concerns at the North and South Paint Shop and the severity of continuing violations. While the Air District recognizes Tesla's mission to manufacture zero emission vehicles, staff emphasized the importance that Tesla take serious actions to improve operations, decision-making processes and firmly stated that the facility must comply with air regulations. Since 2018, staff has issued 19 violations to Tesla. C&E and Engineering staff continue to assess Tesla's coating operation, abatement devices and controls. On June 25, 2019, staff conducted a joint, multi-agency compliance inspection with US EPA Region Nine's enforcement staff to review and investigate the Title V deviations and permit requirements. Staff will continue to work with US EPA Region Nine to ensure compliance concerns at Tesla are addressed and resolved.

On June 12, 2019, the Shell Refinery in Martinez experienced pump problems in their steam condensate system, resulting in unplanned shutdown of the Sulfur Recovery Plant Train Three (SR3) and Hydrogen Plant Train Two (HP2). Flaring occurred at the flexicoker unit flare. In addition, SO₂ Reportable Quantities (RQ) from both the flexicoker unit flare and Sulfur Recovery Plant Train Four (SR4) was reported to the California Office of Emergency Services, and a Community Warning System (CWS) Level One notification was reported to Contra Costa County. No complaints were received by the Air District. The Air District's investigation of this incident is ongoing. There were no GLM Excesses as a result of this event.

On June 18, 2019 and June 19, 2019, Air District staff from both C&E and Climate Protection and Planning Divisions conducted a compliance verification inspection at Keller Canyon Landfill in Pittsburg (Keller), an active landfill owned and operated by Republic Services. The inspection included verifying compliance with Regulation 8, Rule 34 (Rule 8-34); Solid Waste Disposal Sites and California Code of Regulations (CCR) Title 17; Methane Emissions from Municipal Solid Waste Landfills. In conjunction, the Air District's Climate Protection & Planning Division surveyed the perimeter of the landfill and various locations within the nearby neighborhood using a monitoring van equipped with a Picarro G2210-i spectrometer, to provide background and downwind measurements of Landfill Gas (LFG) emissions. Air District staff inspected Keller's LFG Collection and Emission Control System and documented multiple violations of both the State's and Air District's landfill rules reference above. Four NOV's were issued to Keller at the conclusion of the inspection for violations of both the applicable State and Air District Regulations.

Compliance Assurance

Air District Staff conducted over 2,825 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:

C&E staff are leading rule development efforts to amend Regulation 5 Open Burning and Regulation 6, Rule 3 (Rule 6-3) Wood Burning Devices to complement statewide efforts to prepare, prevent and respond to wildfires. On July 24, 2019, Air District will be holding a public workshop to discuss rule amendments that are aimed towards wildfire prevention and strengthening health-protective measures during wildfire smoke events. Proposed draft rule

amendments to Regulation 5 are intended to remove cost barriers to public agencies to encourage controlled, prescribed burning for wildfire prevention. Since wildfires are unpredictable, emergency events that can occur at any time of the year and are not limited to the months of November through February, the Air District is also proposing to make the standard applicable year-round to protect the health of Bay Area residents. The proposed draft amendment to Rule 6-3 would extend the Air District's authority to announce a Spare the Air Alert to issue a Mandatory Burn Ban any time Particulate Matter (PM) 2.5 concentrations are forecasted to exceed 35 µg/m³. Staff are working towards the goal of bringing the rule amendments to the Air District Board of Directors in the fourth quarter of 2019.

On May 2, 2019, staff gave a presentation on the Air District's Open Burn program and Regulation 5, Open Burning, at the spring meeting of the Bay Area Prescribed Fire Council, Morgan Hill. The presentation was well received and generated positive feedback about the Air District's position on prescribed burning.

On May 16, 2019, staff participated at the Wildland Fuels Reduction Cooperators meeting. Meeting participants included representatives from three Bay Area CALFIRE units (Sonoma-Lake-Napa, San Mateo-Santa Cruz, and Santa Clara), San Francisco Public Utilities Commission, San Mateo County Parks Department, California State Parks, and CARB. The group discussed historical vegetation management burns in the Bay Area; new acreage requirements/expectations for Vegetation Management Plan (VMP) burns from the Governor and CALFIRE; current challenges to burning; air quality concerns and smoke management plans; and relationship building and future agency coordination.

Air District staff participated in monthly conference calls with representatives from Lehigh. Topics included the facility's Title V permit renewal, ongoing permit application statuses, and other related topics.

Staff approved one Asbestos Dust Mitigation Plan (ADMP) for the following project: Reference Identification Number (RIN) # 0175, Genentech South Campus Improvement project, South San Francisco. This Naturally Occurring Asbestos (NOA) project is required to perform asbestos ambient perimeter air monitoring and submit results to the Air District on a bi-weekly basis. Ten proposed ADMPs are currently under review. In addition, staff reviewed 13 ADMP amendment requests and approved four ADMP amendments for the following projects: 1) RIN# 0142, Crane Cove Park, Port of San Francisco; 2) RIN# 0161, The Grove at Glen Loma Ranch, Gilroy; 3) RIN# 0089, Candlestick Point Redevelopment Project, San Francisco; 4) RIN# 0129, 1601 Mariposa Street, San Francisco.

Compliance Assistance and Operations Program

Air District's C&E Division staff continue to work closely with the AB 617 West Oakland Steering Committee to draft the West Oakland Enforcement Plan. The draft plan includes enforcement strategies for stationary and mobile sources to further reduce emissions and enhance Air District and CARB enforcement work in the area. Strategies include increasing the frequency of stationary and mobile source inspections, developing an enhanced enforcement referral process

with local enforcement agencies, providing an annual report to the community of enforcement activities and developing community outreach information to address residential backyard burning. These strategies are intended to address community enforcement concerns and go above and beyond existing enforcement programs and policies.

Air District C&E Division staff have been working with the AB 617 Richmond Community Monitoring team to begin identifying potential compliance concerns in the Richmond area. Staff attended several team meetings to discuss steering committee concerns, potential monitoring locations and sources of emissions. C&E staff are providing enforcement data to complement other Air District technical assessment work to help the community understand area wide sources.

On April 11, 2019, staff participated at the Sonoma County Environmental Crimes Task Force meeting and discussed the Agriculture Engine Rule (Regulation 11, Rule 17) and its upcoming deadlines and the new “track-out” requirements (effective July 1, 2019) in Regulation 6, Rule 6 (Rule 6-6) addressing fugitive road dust. Copies of the rules were provided, and outreach and education options were discussed.

Air District Staff received and evaluated over 2,292 plans, petitions, and notifications required by the asbestos, coatings, open burn, tank and flare regulations. Staff received and responded to over 50 compliance assistance inquiries and green business review requests. Highlighted compliance assistance activities for the quarter also included the following:

The Spring Marsh Management Burn Season ended on April 15, 2019. A total of six marsh smoke management plans were approved and 96 acres were burned for the season.

The burn season for crop replacement, forest management, orchard pruning and attrition, and range management closed April 30, 2019. Staff processed 276 burn notifications during the quarter.

Air District staff approved seven prescribed burn smoke management plans in Alameda, Contra Costa, Marin, Napa, Santa Clara and Sonoma County.

Compliance advisories were also sent to open burners and naturally occurring asbestos applicants notifying them of new fees that take effect on July 1, 2019.

Air District staff completed the data verification and posting of refinery flare monitoring data through April.

Air District staff conducted the following inspections for the Strategic Incentives Division (SID): 186 engines.

TECHNOLOGY IMPLEMENTATION OFFICE
R. CHIANG, OFFICER

The Technology Implementation Office's (TIO) mission is to connect climate technologies and customers by providing financial incentives (through grants and loans) as well as technical and matchmaking support.

Climate Tech Finance

The Climate Tech Finance program accelerates emerging and lower-carbon technology for Bay Area industrial facilities. Through a partnership with the California Infrastructure and Economic Development Bank (IBank), the Air District offers public sector organizations loans up to \$30 Million (M) and offers small businesses 90% guarantees on loans with commercial lenders. The program also offers technical assistance and matchmaking services to connect technology providers with technology adopters. www.baaqmd.gov/ctf

- Staff presented on climate technologies and financing at a May 7, 2019 meeting of the West Coast chapter of the Air and Waste Management Association (AWMA), and on climate technology assessments at the AWMA Annual Conference in Quebec City on June 26, 2019.
- Staff met with about 20 technology vendors, consultants, and potential users to discuss carbon-reduction projects and to make introductions to IBank.
- Staff focused outreach on wastewater treatment plants around the Bay Area and had discussions with over 10 facilities to identify and support upgrade projects that reduce greenhouse gases (GHG).
- Staff discussed financing opportunities with a half dozen small businesses in the bioplastics, energy storage, recycling, and building energy efficiency sectors.
- Through targeted outreach and events, the program has grown a network of over a thousand technology vendors, consultants, trade associations, and potential technology users.

Climate Tech Network

Quarterly events for public agencies, small businesses, technology developers, and finance partners to discuss climate technology financing and project opportunities.

- To help organizations learn about lower-carbon opportunities, the Air District has created a series of quarterly events called the Climate Tech Network. This Network introduces potential technology users to vendors of lower-carbon technologies and provides opportunities to learn from peers with experience using them.

- The second event was held on May 13, 2019 and focused on innovative technologies in the building electrification space.

Clean Cars for All

Incentives for low income households to retire older, high-polluting vehicles and replace with a newer, cleaner vehicle or alternative transportation options (e.g. Clipper card). www.baaqmd.gov/cleancarsforall

- A grant from CARB provided \$5M for the program to run for two years. In June 2019, the Air District finalized an agreement with CARB for an additional \$5M to expand the program to Fiscal Year Ending (FYE) 2021 and expand program eligibility.
- Staff successfully implemented the new online grant management system and launched the program in April 2019. Staff are working to update the system to reflect the expanded program eligibility.
- Staff finalized partnerships with four local dealerships (18 Bay Area locations) and two vehicle scrappers (Seven Bay Area locations).
- Staff successfully held an outreach event in Richmond on May 29, 2019. Additional outreach events are being planned in West Oakland, South San Francisco, and San Jose. Staff also conducted outreach at five events organized by other organizations.
- As of the end of the second quarter of 2019, 18 projects were awarded, totaling \$154,500.

Charge! Program for Electric Vehicle (EV) Infrastructure

Grants to install light-duty electric vehicle charging infrastructure, focusing on expanding the coverage of charging stations and multi-dwelling units. www.baaqmd.gov/charge

- The Charge! application period closed on June 30, 2019, with applications totaling over \$8M.
- Staff is in the process of reviewing applications and will present projects over \$100,000 to the Mobile Source Committee meeting in September 2019.
- For previously awarded projects for this program, as of June 30, 2019, 487 Level 2 and Level 8 DC Fast charging ports have been installed and 2,202 Level 2 and Level 47 DC Fast charging ports are under construction.
- Staff is also finalizing the scope of work to migrate the Charge! program to the Fluxx online grant management system.

EV Outreach and Partnerships

The Air District received \$5M of funding over five years for EV Outreach and Partnerships has been obligated by the Federal Highway Administration and CalTrans. This funding will support staff time and resources for EV outreach and partnerships that will support and enhance the EV incentives programs.

- Staff are conducting Stakeholder Meetings across the Bay Area to gather input for the Bay Area EV Acceleration Plan (update to the 2013 Bay Area EV Readiness Plan).
- The quarterly EV Coordinating Council Meeting was held on June 27, 2019, with focus on increasing equity in the EV market.
- The Air District finalized the scope of work with the Center for Sustainable Energy to perform market research and surveys to study perceptions, knowledge, and barriers among consumers across socioeconomic and geographic diversity, property managers, fleet managers, and dealers.

Technology Demonstration Projects

Staff are managing ongoing technology demonstration projects with:

- Metis Design - microturbine for combined heat and power.

Completed technology demonstration projects include:

- MyGreenCar – electric vehicle cost-benefit app.
- Sustainable Energy Accelerators – renewable hydrogen feasibility study.
- Freewire –replace gas or diesel generators with a portable battery at the weekly Off the Grid event in Fort Mason in San Francisco.

**ENGINEERING DIVISION
P. LEONG, DIRECTOR**

California Environmental Quality Act (CEQA) Projects

Phillips 66 Propane Recovery Project (Rodeo): Engineering staff, along with staff of other Air District divisions, reviewed an Administrative Draft Second Recirculated Draft Environmental Impact Report (SRDEIR) from Contra Costa County's (County) Department of Conservation and Development, which seeks to address three deficiencies identified in the Contra Costa County Superior Court's Opinion and Order December 2016 and March 28, 2017, writ. The County has prepared the SRDEIR, which: (1) Confirms the baseline number of railcars being loaded at the refinery and the number of railcars that would be loaded as a result of the proposed Project, (2) Identifies and relies upon a single consistent boundary related to rail car transportation for the purposes of evaluating air quality impacts, and (3) Corrects the mitigation proposed to reduce potential significant impacts of the nitrogen oxide (NOx) emissions of specified equipment. Upon completion, the County expects to release the SRDEIR for public comment.

ORCEM Plant/Vallejo Marine Terminal Project (Vallejo): The proposed project consisted of redevelopment of the former General Mills facility located in Vallejo. The project involved two key elements: construction of the Orcem Plant (Orcem) and the Vallejo Marine Terminal (VMT). The Orcem element involved construction and operation of a 'green' cement processing facility that uses recycled materials (granulated blast furnace slag) to produce cement. Production on 'green' cement eliminates greenhouse gas impacts of producing traditional Portland Cement. The VMT element consisted of the construction and development of a deep-water terminal for the import of the raw materials for Orcem and other customers in the future. The CEQA lead agency for the project was the City of Vallejo. The City of Vallejo drafted an Environmental Impact Report (EIR) that analyzed the potential environmental impacts of the project. The Air District was a CEQA responsible agency and had submitted comments on the draft EIR. The Air District also received a partial permit application for the Orcem segment of the project. On May 24, 2019, the City of Vallejo announced that VMT delivered formal notice to the City of Vallejo that it has elected to withdraw its appeal of the Planning Commission's 2017 denial of the Orcem/VMT Project. VMT stated in its May 24, 2019 withdrawal letter that it no longer supports the project. As real property holder, VMT's withdrawal of the appeal effectively terminates the proposed project. After contacting the facility, the Air District cancelled the permit application for the Orcem segment on July 17, 2019.

Permits and Projects

Valero Refining Company (Benicia): Valero applied to replace two existing, reciprocating-type vapor recovery compressors with two screw-type vapor recovery compressors that had the same nominal capacity. The change in compressor type will allow recovery of a wider range of compounds and will also be more reliable. Authorities to Construct were issued for the compressors on May 8, 2019, that included limits on the amount of process gas that may be recovered from normal operation. However, use resulting from emergencies or planned startups and shutdowns is unlimited.

Chevron Refinery (Richmond): Chevron applied for an Authority to Construct for a backup portable propane-fired thermal oxidizer to abate emissions from their #2a Oil Water Separator. The oil water separator is normally abated by an electrically power thermal oxidizer that periodically needs removal from service for maintenance. The Authority to Construct was issued on April 19, 2019.

AB&I Foundry (Oakland): AB&I Foundry has proposed the installation of a flue gas condenser to abate fugitive odors from pipe finishing dip tanks. The dip tanks are currently abated by a mist collector and mist eliminator. The flue gas condenser will reduce the exhaust temperature from the dip tanks and will be installed downstream of the dip tanks before the mist collector and mist eliminator. Use of the condenser should allow light petroleum products in the pipe dip asphalt exhaust to solidify and drop out prior to reaching the filters in the mist collector. The condenser should prolong the life of the mist collector and reduce fugitive odors. The Authority to Construct was issued and a Notice of Exemption for CEQA was filed with Alameda County on April 5, 2019.

Tesla Motors Inc. (Fremont): Tesla applied for Authorities to Construct for four new storage tanks (two storing windshield wiper fluid, two storing coolant fluid). Authorities to Construct for the wiper fluid tanks and Letters of Exemption for the coolant fluid tanks were issued on May 8, 2019. The tanks were installed on February of 2018 prior to submitting the application.

Tesla applied for an Authority to Construct a new foam station at their North Paint Shop. A foam is injected into automotive cavities for both acoustical and structural purposes. An Authority to Construct was issued on May 7, 2019.

Russell City Energy Company and Marsh Landing Generating Station Black Start Capability Projects (Hayward and Antioch): These projects involve the addition of battery systems to allow each facility to start up without external assistance to support the restoration of the electrical grid during an emergency blackout condition. Black start operations will result in increases in short-term NOx, Carbon Monoxide (CO), and Precursor Organic Compounds (POC) emissions. Engineering personnel worked with the California Energy Commission (CEC) while drafting the permit evaluations for these projects because the CEC has jurisdiction over these facilities through their CEQA-equivalent process under the Warren-Alquist Energy Resources Conservation and Development Act. The proposed permits were subject to public comment and extensive outreach was conducted due to considerable public interest that occurred during the original permitting of the Russell City Energy Company facility. The authorities to construct for both black start projects were issued in April 2019. The public and EPA comment periods for the proposed Title V significant revision associated with Marsh Landing's project have been started and will end in August 2019. The Title V significant revision associated with Russell City's project has gone through the public comment and EPA review periods and will be ready to issue in July 2019.

Tri-City Rock (Fremont): In fall 2018, Stratford School, a private preschool through eighth grade, opened next to the Tri-City Rock (TCR) concrete batch facility on Osgood Road in Fremont, CA. Several Stratford School parents have expressed concerns about dust and health

issues resulting from TCR's operations to the Air District's Board of Directors. On several occasions, Jack P. Broadbent, Executive Officer/APCO and Air District staff have met with Stratford School parents to answer questions and address their concerns. Air District analyses found that the modeled PM_{2.5} impacts at Stratford School were less than the CEQA significance thresholds for a project and that the modeled health risks at Stratford School were less than the new source review thresholds in Regulation 2-5-302. The Air District will continue working with the parents, the school and Tri-City Rock to minimize impacts from the facility. Tri-City Rock has applied for an increase in production at the facility. This application is complete and the HRA for the proposed production levels is underway.

Gasoline Dispensing Facilities (GDFs) - Health Risk Assessments (HRAs): During November 2018 through March 2019, the Air District received five GDF applications per month compared to our normal level of one or two per month. Staff implemented streamlining measures to reduce the HRA processing time for GDFs. During the second quarter of 2019, staff completed 24 HRAs for GDF facilities and eliminated the HRA back-log for GDF applications.

Production System Project: On June 3, 2019, 65 additional auto body facilities were transferred from Databank to Production System. Staff is inviting existing customers to use the online system during the renewal process.

California Air Pollution Control Officers Association (CAPCOA) Engineering Managers Committee: On April 22, 2019 and April 23, 2019, staff participated in the Committee's quarterly meeting. At the meeting, the following items were discussed: CARB and EPA updates, AB 617 updates, Criteria Pollutants and Toxic Air Contaminants Reporting Regulation ("CTR") and 15-day changes, cannabis-related permit activities, oil and gas operation GHG state regulation implementation, San Joaquin Valley emission reduction credit audit, gasoline dispensing facility emissions modeling protocol, power plant permitting updates, new Best Available Control Technology (BACT) determinations and unique permitting activities, AB 617 emissions reporting regulation uniformity workgroups, committee updates and CAPCOA Board assignments, CAPCOA Engineering and Toxics Symposium plans, CAPCOA/CARB Training, and committee goal setting.

CAPCOA Air Toxics and Risk Managers Committee (TARMAC): On June 11, 2019, staff participated in a TARMAC conference call. TARMAC has five new working groups related to the following topics: toxic emission inventory guidelines, toxic emission factors clearinghouse, industry wide HRA guidelines for diesel engine operations and auto body shops, and modeling and HRA training. The Air District is participating in the following work groups:

- Update CARB/CAPCOA toxic inventory guidelines for the Hot Spots Program: Emission Inventory and Criteria Guidelines (EICG).
- Develop a toxic emission factor clearinghouse.
- Update HRA guidelines for auto body shops.

The work group chairs described their work groups and provided status reports. Office of Environmental Health Hazard Assessment (OEHHA) notified TARMAC that the Scientific Review Panel (SRP) accepted new non-cancer reference exposure levels (RELs) for hexamethylene diisocyanate (HDI), an ingredient in specialty enamel coatings for auto bodies, aircraft, and marine vessels. Public noticing is required before final approval of the new RELs. The SRP will consider updated RELs for toluene at the June 2019 meeting and new cancer slope factor for cobalt at the October 2019 meeting.

CARB provided a new schedule for the approval of the updated HRA Guidelines for gasoline dispensing facilities. The updated guidelines will be given to TARMAC in July. Public workshops will be held in the fall with approval expected before the end of the year. The Air District participated in the development of these updated HRA guidelines.

San Diego Air Pollution Control District reported that they are considering rule revisions that will reduce their Hot Spots Program risk reduction threshold to a cancer risk of 10 in a million.

EPA's Electronic Permitting System for EPA Review of Air Permits: On June 6, 2019, staff participated in a conference call of this EPA workgroup of state and local air regulatory agencies. The Air District has been an early adopter of EPA's Electronic Permitting System (EPS) to submit its permits to EPA Region Nine for review. EPA is rolling out its EPS for use nationwide. This workgroup was formed to test the rollout version of the EPS. Staff is participating in this workgroup to provide input on how to expand the EPS to receive and incorporate control technology information in a streamlined form to efficiently populate an improved EPA Reasonably Available Control Technology/Best Available Control Technology /Lowest Achievable Emission Rate (RACT/BACT/LAER) Clearinghouse database using the CARB BACT Clearinghouse information.

National Association of Clean Air Agencies (NACAA) Permitting and New Source Review Committee – Monthly Conference Calls: On April 10, 2019, topics discussed included: a standard operating procedure for Title V program evaluations, an electronic permitting system for EPA review of state-issued permits, committee recommendations to EPA on New Source Review training topics and RACT/BACT/LAER Clearinghouse improvements, and an Iowa Department of Natural Resources (Iowa DNR) project examining the permitting of emergency equipment at data centers. In response to the Iowa DNR's April 5, 2019 request, the staff completed and submitted a survey regarding the permitting of emergency equipment at data centers in the Bay Area.

On May 8, 2019, EPA solicited volunteers from state and local agencies to participate in testing the EPS for sending permits to EPA for review. The Air District already submits its Major Facility (Title V) permits to EPA using the EPS, but EPA hopes to rollout the EPS system nationwide. NACAA announced and discussed a major new project, under contract with the State of Oregon, to create an online clearinghouse and related tools focused on "best practices" for reducing air permit backlogs and holding effective public hearings. NACAA will be requesting that state and local agencies submit materials and tools for inclusion into the clearinghouse.

On June 11, 2019, the committee discussed: final guidance of the development of modeled emission rates for precursors as a Tier One demonstration tool for ozone and PM_{2.5} under the Prevention of Significant Deterioration (PSD) permitting program, NACAA's air permitting resources clearinghouse project with the Oregon Department of Environmental Quality, experience with testing EPA's new Electronic Permitting System, and experience in addressing polyfluoroalkyls in permitting.

NACAA Webinar on Permitting Success Stories: On June 24, 2019, staff participated in a NACAA webinar featuring five regulatory agencies' presentations on success stories in reducing air permit backlogs and other process improvements. The five agencies that presented included: the states of Wisconsin, Iowa, Connecticut, and Nebraska; and Pima County, Arizona.

Clean Air Act Section 105 Grant Application for Fiscal Year 2020: On June 20, 2019, the Air District received an invitation letter from EPA to apply for Clean Air Act Section 105 grant funds for EPA FYE 2020. Staff led the preparation of the Air District's FYE 2020 workplan, which the Finance Office submits along with the application. The Air District's workplan, includes milestones and deliverables for the air programs covered under the 105-grant program.

South Bay Odor Stakeholder Group: On April 18, 2019, staff attended the SBOSG meeting. The SBOSG meets quarterly to address odor related issues in Milpitas and its surrounding area relating to the local publicly owned treatment work, Newby Island landfill and Zero Waste Energy Development Company. At this meeting, the Air District provided more detail regarding the Odor Study to identify and mitigate sources of odors in the community. The RFP was issued with bids due by the end of April. The Air District Board will review the request to award the contract. The study will include taking samples from the facilities for lab analysis to identify chemical fingerprints, followed by measurement after identification.

CO₂ Strategy Cross-Divisional Working Group: On June 26, 2019, staff participated in the kick-off meeting of a cross-divisional working group for the Air District's CO₂ Strategy, which is being led by the Planning/Climate Protection division. The Air District is currently implementing a variety of programs and activities that would reduce CO₂ emissions, including rules and regulations, grant and incentive programs, and work with local governments and outreach campaigns. Staff is developing a region-wide CO₂ Strategy to leverage and build upon these activities to help meet the goals of the 2017 Clean Air Plan. Through this process, the Air District will:

- Assess ongoing Air District CO₂ reduction efforts to find opportunities to leverage resources and expand into new activities.
- Prioritize and implement remaining control measures identified in the *2017 Clean Air Plan* that contribute to CO₂ reductions.
- Identify additional opportunities for the Air District to reduce CO₂ emissions.

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

The District Counsel's Office received 192 violations reflected in Notices of Violations (NOVs) for processing.

Mutual Settlement Program staff-initiated settlement discussions regarding civil penalties or passing the Wood Smoke Awareness Course for 110 violations reflected in NOVs. In addition, five (5) Final 30-Day Letters were sent regarding civil penalties for six (6) violations reflected in NOVs. Finally, settlement negotiations resulted in collection of \$189,100 in civil penalties for 183 violations reflected in NOVs.

Counsel in the District Counsel's Office initiated settlement discussions regarding civil penalties for 17 violations reflected in NOVs. Settlement negotiations by counsel resulted in collection of \$525,608 in civil penalties for 42 violations reflected in NOVs.

A referral to the San Francisco District Attorney's office resulted in collection of \$63,000 in civil penalties for 10 violations reflected in NOVs.

**COMMUNICATIONS AND PUBLIC INFORMATION DIVISION
L. FASANO, OFFICER**

Media Inquiries

Staff responded to numerous media inquiries, including requests about:

- Valero flaring
- Cement plant
- Coal dust
- Wildfire efforts
- Refinery flares
- Oakland warehouse fire
- Milpitas Odor Study
- Tri City Rock Cement Plant
- Valero Refinery
- Schnitzer Steel Oakland
- Broadbent trip to speak in Middle East
- Tri City Rock/records request
- AB 617
- Silicon Valley CO2 emissions
- Stationary Source Committee
- Phillips 66 flaring
- American Lung Association State of the Air Report
- Air Quality Spare the Air
- Pollen Count
- State Department trip
- Clean Cars for All Grant Program
- Board meeting
- OES database
- Chevron
- Shell flaring
- National Park Air Quality
- Target Masters
- Chevron flaring
- Port Development
- Air Quality
- Refinery issues
- Fires
- Spare the Air

- Cordelia Fire
- Tesla
- Electrification
- Generators
- Clean air centers
- Fireworks

Media Highlights

The Air District was mentioned in 1,061 print/online stories and 291 radio/video clips from April 2019 through June 2019. Below are media coverage highlights:

- 6/25/2019 [Dick Spotswood: Time will tell if cyclists use Richmond-San Rafael Bridge](#)
- 6/24/2019 [EPA Join Local Authorities In Evaluating Clean Air Act Compliance At Tesla Factory](#)
- 6/20/2019 [New coalition launched to protect Bay Area from tar sands, oil tankers](#)
- 6/20/2019 [Tesla Axes Free Black Paint Color, Will Now Charge \\$1,000](#)
- 6/20/2019 [\\$5 on-demand shuttle service headed for Cupertino](#)
- 6/19/2019 [Valero's Benicia refinery has reopened following earlier emission problems](#)
- 6/12/2019 [What scorching heat? Alameda County carries out controlled burn](#)
- 6/12/2019 [Spare the air alert issued as poor air quality persists](#)
- 6/12/2019 [SW/TCH Maritime Funds the Construction of the First Zero-Emissions e-Ferry in the US, Powered by Hydrogen Fuel Cell](#)
- 6/11/2019 [Shell to Sell Martinez Refinery for \\$1 Billion](#)
- 6/11/2019 [Preliminary quarry plan has local watchdogs fearing the worst](#)
- 6/11/2019 [Excessive Heat Warning Continues, Third Straight Spare the Air Alert](#)
- 6/11/2019 [Bay Area is scorching](#)
- 6/11/2019 [Excessive heat in Bay Area is breaking records -- and BART](#)
- 6/10/2019 [3Rd Straight Spare The Air Alert Issued For Tuesday](#)
- 6/10/2019 [Update: Bay Area Heat Advisory Upgraded to Excessive Heat Warning](#)
- 6/10/2019 [The eerie haze over the Bay Area is from high clouds, not wildfire smoke](#)
- 6/10/2019 [California Utilities Plan for the Dry, Hot Fire 'Season'](#)
- 6/10/2019 [As temperatures rise, wild fire scorches 25 acres near Highway 4 in Concord](#)
- 6/10/2019 [Record-setting temperatures concern Bay Area weather officials](#)
- 6/10/2019 [Two in a Row, Spare the Air Alert Issued for Monday](#)
- 6/09/2019 [Mt. Tamalpais wildfire burns patch at PG&E pole](#)
- 6/09/2019 [Livermore Rodeo Draws Hundreds on Hot Day](#)
- 6/09/2019 [Firefighters continue battling 1,800-acre blaze in Yolo County](#)
- 6/09/2019 [Heat advisory, Spare the Air alert issued for Monday](#)
- 6/08/2019 [First Spare the Air Alert issued for Sunday](#)
- 6/08/2019 [Sand Fire Burning in Yolo County Sends Smoke Across Sweltering Bay Area](#)
- 6/08/2019 [Pacific Gas & Electric : Small fires spark in North Bay as region faces high winds, hot weather](#)
- 6/08/2019 [Tesla Responds To The Drive's Concerns About Air Quality Compliance](#)
- 6/05/2019 [Vallejo Marine Terminal Drops Cement Plant Appeal](#)
- 6/05/2019 [Top Air Quality Official Slams School's Decision to Build Alongside Concrete Plant](#)
- 6/04/2019 [Chevron Flaring Incidents Already Double Last Year's Total — Which Was Highest in a Decade](#)

6/03/2019 [Commutes, jobs at stake in California's clean air battle with Trump](#)
6/03/2019 [State to offer Marin schools guidance on wildfire smoke, student safety](#)
6/01/2019 [Berkeley Ferry: Project Launched, But a Long Voyage Remains](#)
5/31/2019 [Summer Youth Bus Pass Offers Discounted Rides All Summer](#)
5/24/2019 [Vallejo's VMT/Orcem project over](#)
5/22/2019 [Parents Fear Kids at Risk From Dangerous Dust at Silicon Valley School](#)
5/17/2019 [Polluted parks: More than 400 national parks are 'plagued' by air pollution](#)
5/17/2019 [Electric vehicle charging network expands to help Marin, Napa, Solano, Contra Costa commuters](#)
5/14/2019 [SF steak house Espetus causing headaches — literally — for nearby residents](#)
5/14/2019 [Valero Says It Faces \\$342,000 in Penalties Over Benicia Refinery Pollution Incident](#)
5/13/2019 [Iwatani Makes U.S. Hydrogen Refueling Moves](#)
5/12/2019 [Whistleblowers Claim Bay Area Air Quality Management District Improperly Disposed Of Records](#)
5/12/2019 [Grants available for Bay Area's low-income residents for clean air vehicle purchases](#)
5/10/2019 [Light Rain Doesn't Dampen Bay Area Bike to Work Day 2019 Enthusiasm](#)
5/07/2019 [Residents Take the Reins on Air Quality](#)
5/07/2019 [Valero Restarts Benicia Refinery, Further Easing Statewide Gas Price Spike](#)
4/30/2019 [Cal Fire: required burn permits will be available May 1](#)
4/28/2019 [Meet Sonoma Clean Power's Rachel Kuykendall, one of North Bay Business Journal's 2019 Forty Under 40](#)
4/26/2019 [American Solar Corporation completes public solar-powered EV charging station project for MCE](#)
4/25/2019 [2019 Bike Commuter of the Year Winners Announced](#)
4/24/2019 [Marin flunks air quality rating over wildfire smoke](#)
4/24/2019 [Napa County looks at coordinated climate protection effort with cities](#)
4/24/2019 [LA's air quality is dismal and the Bay Area isn't much better, according to report](#)
4/24/2019 [Bay Area Gets Failing Grades in Air Quality Report Due to Wildfire Smoke](#)
4/18/2019 [Air Quality District Offering Education, Engagement Grants](#)
4/17/2019 [Stringent regulations, grants and public awareness campaign key to reducing air pollution: US expert](#)
4/17/2019 [Fiat Pays California \\$6.4M Penalty for Diesel Emissions Violations](#)
4/17/2019 [Cupertino appoints Deborah Feng, NASA Ames administrator, as city manager](#)
4/17/2019 [Three Factors to a Successful Gym Floor Refinishing Project](#)
4/16/2019 [Why San Antonio's Energy Execs Should Get to Know Ana Sandoval](#)
4/15/2019 [Editorial: Does City Hall Care If You Die?](#)
4/11/2019 [In brief: Area poets to read from work at Montclair Library](#)
4/11/2019 [Region's spring burn season to close Monday](#)
4/10/2019 [We're paying what?! California gas prices surge above \\$4](#)
4/09/2019 [The Hurricanes of the West — Wildfires — Spur More Microgrids in California](#)
4/09/2019 [Bay Area Bike to Work Day Is Coming May 9](#)
4/09/2019 [Refineries to blame for surging California Gas Prices](#)
4/08/2019 [Tesla Fined for Hazardous Waste and Emissions Problems](#)
4/05/2019 [Port of Oakland announces changeover to green cranes](#)
4/05/2019 [Updated air quality guidelines for schools as fire season approaches](#)
4/03/2019 [You don't have to live close to wildfires for them to kill you](#)
4/02/2019 [A Guide for Transit Agencies, School Districts, Airports, and Others to Cash in on the Volkswagen Settlement & Invest in Clean Transportation](#)

- 4/02/2019 [San Jose to tackle noisy trains and gas leaf blowers](#)
4/01/2019 [Tesla fined for hazardous waste and emissions problems, EPA says](#)

Press Releases

- 6/25/2019 [Permissive burn period begins for range management fires](#)
6/20/2019 [Air District offers more than \\$50 million in grants to reduce air pollution from heavy duty diesel engines](#)
6/12/2019 [Air District issues Spare the Air alert for today](#)
6/10/2019 [Air District issues Spare the Air alert for the third day](#)
6/09/2019 [Air District issues second Spare the Air smog alert in a row](#)
6/08/2019 [Air District issues first Spare the Air smog alert in 2019](#)
5/29/2019 [Permissive burn season for flood debris fires closes, double crop stubble season begins](#)
5/16/2019 [Spare the Air Leadership Award winner to be honored at Acterra Business Environmental Awards ceremony](#)
5/01/2019 [Spare the Air smog season begins today as warmer weather nears](#)
5/01/2019 [Air District's Clean Cars for All grant program helps Bay Area residents buy cleanest cars](#)
4/29/2019 [Air Districts & CARB host meeting about California's allocation of the Volkswagen Environmental Mitigation Trust funding](#)
4/29/2019 [Air District opens Community Health Protection Grant Program](#)
4/25/2019 [Permissive burn seasons close for crop replacement, forest management, orchard pruning and attrition, and range management](#)
4/19/2019 [Air Districts & CARB host meeting about California's allocation of the Volkswagen Environmental Mitigation Trust funding](#)
4/16/2019 [Air District offers community grants to support air quality education & engagement](#)
4/10/2019 [Spring burn season closes for marsh management fires](#)

Public Inquiries

Phone: 409 public calls

Events

- Berkeley Bay Festival – Berkeley (April 6, 2019)
Lung Force Expo – San Francisco (April 10, 2019)
City of Belmont Earth Day – Belmont (April 13, 2019)
Alameda Co. Emergency Preparedness Day – Oakland (April 13, 2019)
Cupertino Earth Day Festival – Cupertino (April 13, 2019)
Sunday Streets – Tenderloin – San Francisco (April 14, 2019)
Airport Runway Run – San Carlos (April 14, 2019)
Earth Day Oakland Zoo – Oakland (April 14, 2019)
Oracle Green Fair – Pleasanton (April 17, 2019)
San Jose State University Earth Day – San Jose (April 18, 2019)
San Francisco International Airport Go Green Event – San Francisco (April 18, 2019)
375 Beale Earth Day Event – San Francisco (April 19, 2019)
City of Fremont Let's Go Green – Fremont (April 20, 2019)

City of Emeryville Spring Carnival and Community Expo – Emeryville (April 20, 2019)
North Richmond Earth Day – Richmond (April 20, 2019)
City of Alameda Earth Day – Alameda (April 20, 2019)
Earth Day San Francisco – San Francisco (April 20, 2019)
Novato Green Living Festival – Novato (April 20, 2019)
City of Berkeley Earth Day – Berkeley (April 21, 2019)
Cushman and Wakefield Tenant Earth Day – San Francisco (April 22, 2019)
St. Mary’s College Earth Day – Moraga (April 24, 2019)
Clean Cars for All – Richmond (April 24, 2019)
East Bay Municipal Utility District Earth Day – Oakland (April 24, 2019)
Oracle Green Fair – Redwood Shores (April 25, 2019)
City of Santa Clara Arbor Day/Earth Day – Santa Clara (April 25, 2019)
Hayward Earth Day – Hayward (April 27, 2019)
Butter and Egg Day Festival – Petaluma (April 27, 2019)
Pacific Coast Dream Machine Show – Half Moon Bay (April 28, 2019)
Earth Day Napa – Napa (April 28, 2019)
Mountain View a la Carte and Art (Miramar Events) – Mountain View (May 4, 2019 – May 5, 2019)
Sunday Streets Bayview/Dogpatch – San Francisco (May 5, 2019)
Jones Lang LaSalle/We Work Green Fair – San Francisco (May 7, 2019)
City of Richmond Senior Information & Health Faire – Richmond (May 8, 2019)
Oakland Bike to Work Day (WOBO) – Oakland (May 9, 2019)
Oakland Art and Wine Festival (May 11, 2019)
Maker Faire – San Mateo (May 17, 2019 – May 19, 2019)
Viva Calle San Jose – San Jose (May 19, 2019)
Moraga Transportation Information Event – Moraga (May 28, 2019)
Green Footprint Festival – Pittsburg (June 6, 2019)
Ashland Cherryland Famfest Festival – San Leandro (June 8, 2019)
San Mateo County Fair – San Mateo (June 8, 2019 – June 16, 2019)
Sunday Streets (Sunset) – San Francisco (June 19, 2019)
Rigel Commuter Event – South San Francisco (June 25, 2019)
CityLine Commuter Event – Sunnyvale (June 26, 2019)
Eastridge Senior Health Fair – San Jose (June 28, 2019)
Healthy Village Festival – Richmond (June 29, 2019)
Alameda County Fair – Pleasanton (June 15, 2019 – June 16, 2019) (June 21, 2019 – June 23, 2019) (June 29, 2019 – June 30, 2019) (July 4, 2019 – July 7, 2019)

Winter Spare the Air

Air District contractor, Pro시오, submitted Winter Spare the Air end of campaign report to the Air District on June 3, 2019.

Air District staff attended a presentation of the 2018-2019 Winter Spare the Air campaign survey summary by True North Research, on April 24, 2019.

Spare the Air

Prosio incorporated Air District's feedback on Summer Spare the Air media relations plan and approved the July social media calendar.

The Spare the Air website redesign was completed and launched. Staff is reviewing for content, usability and executing contracts to add enhancements and new features to the website.

Production for new Summer Spare the Air ads ("Life's a Trip") was completed the week of May 6, 2019. English and Spanish television and radio spots began running on May 15, 2019. Multicultural television and radio spots began running on May 20, 2019. Digital ads began on May 27, 2019.

Air District approved 40 bicycle outreach events for the Summer Spare the Air campaign. Prosio's social team attended the Bike to Work Day event in Oakland on May 9, 2019, and posted to Spare the Air Facebook, Twitter and Instagram. Craig "the bike guy", Air District's longtime bicycle contractor, began advertising at events on May 17, 2019.

Prosio posted first "People who Spare the Air" image and quote to Facebook in April 2019 and worked with their social team to collect more interviews, photos and videos.

Prosio pursued additional Public Service Announcement (PSA) interview opportunities. A Family Radio Bay Area interview was conducted by staff on April 17, 2019.

A new Treasure Island banner creative was approved in June 2019.

Prosio is coordinating with the Cities of Dublin and San Bruno to install downtown light pole Spare the Air banners.

First Spare the Air newsletter/social content distributed to City and County's Public Information Officers (PIO) on May 9, 2019.

Spare the Air Social Media

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

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

- Response samples:
 - [Facebook](#)

In this quarter, Spare the Air Social Media follower numbers have increased to 9,453 on Facebook, 13,110 on Twitter, and 1,052 on Instagram.

Air District Social Media

The Air District's Social media plan and guidance document has been approved. The Air District's Executive Officer/APCO sent an email to staff regarding Air District social media effort. Staff also drafted communications strategy for building social media follower base.

Staff continues to run social media posts daily including:

- Daily, two-day and five-day air quality forecasts
- Air quality updates
- Staff feature on Betty Kwan and Tin Le
- Alternative Transportation Pledge
- Bicycle Champion in the Workplace Workshop
- Valero Refinery flaring update
- Earth Day San Francisco
- Walk to Work Day
- Debbo's Air Awareness Day on April 5, 2019
- Community grants
- California Energy Commission Workshop
- Community Health Protection grant program
- Air District's Charge! grant program
- Public stakeholder workgroup meeting regarding the Volkswagen Environmental Mitigation Fund
- Staff feature on Kristina Chu
- Marin Clean Energy (MCE) Clean Energy's celebration of MCE Solar Charge
- Clean Cars for All grant program
- VW Mitigation Workgroup
- Staff feature on Ana Vasudeo
- Start of the Spare the Air smog season
- Staff feature on Juan Romero

- Bike to Work Day content
- Clean Cars for All event on May 29, 2019
- Staff feature on Linda Carey
- Spare the Air alerts
- Clean Air Month 2019
- “Life’s a Trip, Share the Ride” video
- Staff feature on Joanne Liang
- Staff feature on Lina Patel
- Online Annual Report

In this quarter, Air District Social Media follower numbers have increased to 3,459 on Facebook, 7,079 on Twitter, and 1,352 on Instagram.

Videography

Staff is editing a Cost Recovery video.

Event training video was completed by Juan Romero, Assistant Staff Specialist II

Timekeeping video was approved.

Bike to Work video for social media posted.

AB 617 & Clean Cars for All video approved.

Other

Staff is working with Erin Lacey Events to plan the October PM Conference.

Staff scheduled Volkswagen (VW) Mitigation Trust Workgroups in Redding on April 23, 2019 and San Francisco on May 6, 2019. Staff attended first Workgroup in Sacramento on April 11, 2019.

Final print version of the 2018 Annual Report distributed to mailing list, Executive staff and directors. The online version is now available.

Staff attended Nor Cal Wildfires and Lessons Learned: Medical Health Response and Shelters in Marin County on April 3, 2019.

Air District sent press release/social posts and coordinated the Awards ceremony for the Acterra Spare the Air Awards in May 2019.

Air District is coordinating sponsorship of Air Sensors International Conference.

Air Currents posted and distributed on May 1, 2019.

Staff hosted Seoul Metropolitan Government delegation at Air District Headquarters on May 14, 2019.

Wildfire Response Program web page text development is in process; graphics and press release are awaiting final approval.

Air District staff interviewed with Centers for Disease Control and Prevention staff regarding Environmental Protection Agency's *Wildfire Smoke: A Guide for Public Health Officials*.

Staff is reviewing a new version of Real-Time Air Quality website.

Working with Judy Cutino, Air District's Health Officer, to finalize mask language for joint wildfire smoke preparedness press release/handout.

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

Air Quality Planning

AB 617/West Oakland - Staff continued to implement AB 617, the Community Health Protection Program and develop the West Oakland Community Action Plan (WOCAP). This included participating in internal and weekly external meetings with the West Oakland Environmental Indicators Project to prepare for and convene Steering Committee meetings. Staff participated in biweekly meetings with CARB. Staff continued to prioritize proposed strategies, assist with quantifying strategy emissions estimates and write and review draft chapters. Staff gave presentations and hosted a panel discussion with Executive staff from CARB, City and Port of Oakland, Alameda County Public Health Department and Alameda County Transportation Commission at the June 5, 2019 West Oakland Steering Committee Meeting. Staff submitted a Notice of Preparation/Initial Study for the WOCAP to the Governor's Office of Planning and Research for a 30-day public review period. Staff began development of the WOCAP Draft Environmental Impact Report. Staff participated in a meeting with the City of Oakland Planning Director, City staff and the West Oakland Environmental Indicators Project to discuss implementation strategies and collaboration opportunities. Staff attended a meeting with the East Bay Municipal Utility District to address questions about strategies affecting their facility. Staff met with the City of Oakland staff regarding development at the former Oakland Army Base. Staff attended a conference call with Caltrans and CARB to discuss the Oakland MacArthur Maze Project and its potential air quality impacts. Staff participated in an Earth Day tree planting campaign at Madison School in East Oakland. Staff gave a presentation on air pollution and Air District work in West Oakland to fourth grade students at Prescott Elementary School. Staff reviewed and scored Community Health Protection Grant applications received for the 2019-2020 funding cycle.

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. Staff provided CEQA comment letters to: the City of San Mateo on the Notice of Preparation of a Supplemental Environmental Impact Report for the Concar Passage Mixed-Use Project; Caltrans District Four for the Initial Study and Mitigated Negative Declaration on the MacArthur Maze Vertical Clearance Project; the City of Brentwood for the Notice of Preparation for the Draft Environmental Impact Report on the Vineyards at Deer Creek Project; the City of San Rafael for the Notice of Preparation of a Draft Environmental Impact Report on the General Plan 2040 and Downtown Precise Plan; the City and County of San Francisco for the Notice of Preparation on the Draft Environmental Impact Report for the San Francisco International Airport Development Plan; the City of Oakland for the Good Eggs Fulfillment Center Air Quality Plan; the City of Sunnyvale for the Notice of Preparation on the Google Caribbean Campus Project; and the City and County of San Francisco for the Notice of Preparation on the Draft Environmental Impact Report for the San Francisco International Airport Development Plan. Staff completed Stationary Source Information Form requests for projects in Burlingame, Campbell, Castro Valley, Daly City, Fremont, Morgan Hill, Mountain View, Oakland, Petaluma, Redwood City, San Bruno, Santa Clara, San Francisco, San Jose, San Pablo, San Rafael, Santa Rosa and Sunnyvale. Air District staff met with San Francisco International Airport (SFO) staff to discuss the Notice of Preparation for the SFO Development Plan.

Regional Collaboration - Staff attended the Metropolitan Transportation Commission's (MTC) Regional Advisory Working Group meeting which focused on the Horizon Futures Initiative, a plan to develop a long-term transportation and land-use strategy to help the region prepare for growth. Staff continued to work with partner agency staff from MTC, Office of Planning and Research, California Department of Justice, California Environmental Justice Alliance and Bay Area Regional Health Inequities Initiative to coordinate presentations and finalize the agenda and program for the Senate Bill (SB) 1000/Environmental Justice and Healthy Communities Workshop. The workshop provided an overview of SB 1000 and offered guidance, technical support, tools and resources and approaches from early adopters at the city and county level to assist with effectively overcoming barriers to SB 1000 implementation. Staff met to discuss next step in providing Air District assistance to cities and counties to help with SB 1000 implementation. Staff worked on developing a work plan proposal for next steps for SB 1000 to present to executive management. Staff participated in Acterra's 2018/19 Business Environmental "Spare the Air" Leadership Awards application review and scoring process. The awards were presented on May 26, 2019.

Meetings/Webinars/Cross-Divisional Activities - Staff attended the West Oakland Environmental Indicators Environmental Justice Bus Tour on April 24, 2019. Staff participated in CARB's Natural and Working Lands webinar, which discussed strategies to meet California's GHG climate change goals for 2030. Staff attended the American Planning Association's National Planning Conference in San Francisco. Staff attended the CAPCOA Planning Managers meeting in Sacramento. Staff attended the 2015 8-hour Ozone Standard State Implementation Plan (SIP) Working Group conference call. Staff attended CAPCOA Planning and Land-Use Model teleconference meeting. Staff attended the monthly California Emissions Estimator Model (CalEEMOD) focus group meeting. Staff participated in a convening with the Alameda County Violence Prevention Initiative coordinated by staff from Director Nate Miley's Office to present on the efficacy of urban greening as a response to reduce air pollution and promote community health. Staff met with officials from Madison School in East Oakland to discuss developing green buffer strategies via dense tree planting. Staff attended and presented at a multi-day conference at Harvard School of Design and

University of Massachusetts-Amherst on innovative governance and the implementation of co-beneficial urban greening infrastructure.

Climate Protection

Staff continued to implement the 17 projects of the Climate Protection Grant Program. Milestones in this quarter included Silicon Valley Clean Energy and the City of San Jose launching their respective heat-pump water heater incentive programs as part of their grants. Staff is working with Rule Development, Emissions Inventory and other internal teams to develop action-oriented strategies to reduce specific GHG emissions, including CO₂, methane and fluorinated gases (F-gases). Activities include coordinating stakeholder outreach for the Methane Strategy, particularly for Regulation 13, Rule 2 (Rule 13-2) Organic Operations and Regulation 13, Rule 3 (Rule 13-3) Methane from Hydrogen Plants. In partnership with a research team from Cal Poly San Luis Obispo, staff conducted a GHG measurement study with the research van at the Potrero Hills landfill, measuring the concentrations and isotopic composition of methane being emitted from three different daily covers. Staff continued identifying and developing near-term actions under the CO₂ Strategy, including coordinating with BayREN, Bay Area Regional Collaborative (BARC) and the Building Decarbonization Coalition regarding building decarbonization work. Staff continued working with Rule Development staff to identify potential near-term actions to include in the F-gas strategy. Staff presented on the study, *Opportunities to Reduce Greenhouse Gas Emissions via Community Choice Aggregation* at the statewide Business of Local Energy Symposium. Staff presented at the workshop, “Catalyzing California Action on Health, Wildfires and Climate Change” at UC Berkeley. Staff served as a judge for the 2019 Acterra Business Environmental Awards in the Spare the Air category.

Staff continues to implement a robust program of support to local governments. Support focuses on the development and updating of climate action plans as well as the implementation of local GHG-reducing activities:

- Staff met with Sonoma County climate staff to discuss potential GHG inventory tools and collaboration on green buildings.
- Staff participated in San Mateo County’s bi-monthly meeting of local government climate staff.
- Staff met with SF Planning to discuss local transportation initiatives leading to VMT and GHG reductions.
- Staff provided City of Palo Alto sustainability staff with information on Air District tools and guidance that can help with the City’s climate action plan update.
- Staff provided information to City of Alameda climate staff on state funding opportunities for technical assistance in climate action planning.
- Staff attended a City of Brisbane Energy and Water Benchmarking Workshop as part of the City’s work under its Climate Protection Grant.

- Staff participated in a meeting of the Drawdown Marin Transportation Committee to discuss proposals for major GHG reduction initiative in Marin County.

ASSESSMENT, INVENTORY AND MODELING
P. MARTIEN, DIRECTOR

Emissions and Community Exposure Assessment

AB 617 Technical Assessment – Assessment, Inventory, and Modeling (AIM) staff presented at the Annual Meeting of AWMA as part of a panel discussion of the Air District’s Diesel Free by ’33 Program. Staff met with West Oakland Environmental Indicators Project (WOEIP), co-leads in developing the AB 617 Emission Reduction Plan for West Oakland, to discuss candidate methods for setting targets for the West Oakland Plan. Staff participated in bi-weekly coordination meetings with CARB to discuss goals and targets for the West Oakland Action Plan and request their assistance with growth and control factors for off-road mobile sources. Staff finalized a draft version of the Technical Support Document for the West Oakland Action Plan. Staff met with members of the California Council for Environmental and Economic Balance on (CCEEB) and presented a summary of the technical assessment for the West Oakland Action Plan. Staff participated in discussions of alternate forecasts for container-shipping growth at the Port of Oakland that included the Port of Oakland, the Bay Conservation and Development Commission (BCDC) and their consultants, and CARB. Staff participated in a conference call with Union Pacific (UP) Railroad and their consultants to discuss emissions estimates. To evaluate the community scale modeling in West Oakland, staff prepared emissions and modeling inputs for simulating the period of the 2017 100x100 study (100 black carbon sensors for 100 days) conducted by UC Berkeley and WOEIP. Staff reviewed Ramboll’s Air Quality Modeling Protocol for an EPA State and Tribal Grant (STAG) project for Richmond. Staff worked with Stamen Design on visualizations for community-scale modeling. Staff completed contracting paperwork for the University of California at Berkeley to use advanced modeling techniques and machine learning to generate modeling-based, high-resolution air pollution maps.

Emissions Inventory Development and Reporting – Staff participated in the CAPCOA Engineering Managers’ technical workgroup conference call, for the AB 617 “Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants,” or CTR Regulation, for uniform statewide emissions reporting. In preparing comments on CARB’s 15-day changes to the recent CTR Regulation, staff met with representatives from the California Council for Environmental and Economic Balance (CCEEB) and community groups to discuss recommendations on proposed 15-day change language. Staff participated in the Emissions Inventory Technical Advisory Committee conference call hosted annually by CARB to initiate the emissions reporting process for year 2018. Staff completed work reviewing reported annual emissions of criteria air pollutants for District facilities with the highest emissions for CARB’s annual fee collection process, as authorized by AB 10x. Staff participated in a hydrogen plant District workgroup meeting to estimate baseline methane emissions from hydrogen plants for rule-development activities.

Air Quality Modeling & Analysis

AB 617 Technical Assessment – Staff attended a meeting with Theresa McMillan, the new Executive Director of MTC, and with other Air District representatives to discuss progress to date of AB 617 and the potential for collaboration between MTC and the Air District. Staff prepared a presentation on West Oakland emissions for the June 10, 2019 AB 617 Technical Assessment Coordination meeting and prepared draft slides for the July 8, 2019, Stationary Source Committee meeting. Staff participated in AB 617 meetings to discuss the development of a 2017 planning inventory and forecasted 2024/2029 inventory for West Oakland. Staff finalized the 2017 model-ready emissions inventory, which included black carbon estimates, and worked on the 2024/2029 emissions inventory. Staff also assembled a planning inventory for emissions sources in West Oakland not modeled with the community-scale model. Staff developed modeling input files needed to simulate the 100x100 black carbon (BC) measurement study period in West Oakland, which included Port-related sources. Staff worked with the Engineering Division and the Emissions & Community Exposure Assessment Section to assemble emissions and stack parameters suitable for sub-grid scale PM_{2.5} and air toxics modeling. Staff worked with consultant Ramboll to implement the plume-in-grid module (PiG) in the Community Multiscale Air Quality model (CMAQ) for the sub-grid scale modeling but determined the PiG module presented computational issues difficult to overcome. Staff began investigating the California Puff Model (CALPUFF) as an alternative to CMAQ PiG for the sub-grid scale modeling. Staff reviewed fine-grid CALPUFF applications with regards to the chemistry, meteorological pre-processor, emissions processing, and receptor grid options. Staff also tested the Mesoscale Model Interface Program (MMIF) that provides meteorological input for CALPUFF.

Health Impacts Assessments – Staff installed and tested the latest version of US EPA's Benefits Mapping and Analysis Program-Community Edition (BenMAP-CE) model to estimate health benefits from air pollution reductions to perform health impact analyses for fine particulate matter. Staff also evaluated the block-level health impacts of PM_{2.5} from three major facilities within the West Oakland area using BenMAP-CE. Staff continued working with the National Aeronautics and Space Administration (NASA) Health and Air Quality Applied Sciences Team (HAQAST) that is assessing health impacts from the October 2017 North Bay wildfires. This included processing and sharing new fire emissions data, conducting CMAQ runs with new emission inventories, and extracting meteorological fields from the Weather Research and Forecasting (WRF) model runs, conducted by staff, for October 2017 for UC Davis to calculate smoke dispersion from the 2017 North Bay wildfire simulations.

Regional Assessments – Staff began analyzing EPA's 2016 CMAQ performance results. Staff also participated in the EPA-State 2016 Model Performance Evaluation Forum's webinar on emissions and meteorology model inputs and in an EPA conference call to discuss CMAQ performance issues. Staff reviewed reports from two contracts with Ramboll: one on air toxics simulations and another on ozone boundary conditions. Staff also reviewed documentation provided by Farallon Geographics for populating the District's geographical information system (GIS) server with updated data. At the request of the South Coast Air Quality Management District (SCAQMD), staff reviewed six proposals submitted to them to investigate reasons for an increase in ozone concentrations since 2014. Staff prepared an abstract for the conference Meteorology and Climate-Modeling for Air Quality (MAC-MAQ) organized by CARB and UC Davis. Staff prepared two abstracts for the 2019 Community Modeling and Analysis System (CMAS) conference.

Assessment, Inventory, and Modeling (AIM) Division Public Records Requests – Staff met with staff from the City of Oakland consultants to the Oakland A's to discuss community-scale modeling files for West Oakland the District provided via a public records request. Staff responded to multiple public records requests for information related to West Oakland community-scale modeling. Staff received multiple requests for emissions data, including GHG, criteria air pollutant, and toxic air contaminant emissions for the San Francisco International Airport and for the County of San Mateo.

AIM Division Workshops, Trainings, and Team Building – Staff convened a seminar series at the Air District on work completed by the Lawrence Berkeley National Laboratory on emissions and lifecycle assessment study at ZeroWaste Energy Development Company (ZWEDC), an anaerobic waste digestion facility in San Jose. Along with staff from CARB and OEHHA, staff hosted a three-day training on BenMAP-CE conducted by staff from the US EPA. After the training, staff continued working with staff from OEHHA to develop a project that will investigate impacts of particulate matter emissions from cap-and-trade sources on Bay Area communities. Staff participated in conference call meetings with consultant Dr. Kevin Gurney at Northern Arizona University who has developed hyper-local estimates emissions of CO₂ in cities around the world. Staff hosted a presentation by consultant Ramboll to discuss processing Automated Identification System (AIS) on ships to develop emission inventories for marine vessels. Staff toured Bay Area refineries to hear from Air District refinery inspectors about recent developments and new processes. Staff participated in a discussion with Air District staff and other agencies on ships vessel speed reduction (VSR) program. The discussion focused on ship emission reductions from the program for individual ships as well as for ship fleets. Staff participated in Government Alliance on Race and Equity (GARE) trainings and internal team meetings. Staff participated in a team building meeting with consultant, Carmen Clark.

**COMMUNITY ENGAGEMENT AND POLICY DIVISION
E. YURA, DIRECTOR**

Rule Development and Implementation

Amendments to Air District's Regulation 3: Fees: Staff presented proposed amendments to Regulation 3: Fees at the March 22, 2019 meeting, of Air District's Budget and Finance Committee and at the May 1, 2019 and June 5, 2019 Board of Directors meetings. The Board of Directors adopted the amendments to Regulation 3 and approved the associated filing of a CEQA Notice of Exemption for the amendments at the June 5, 2019 meeting. The amendments to the fees became effective on July 1, 2019. The amendments increase fee revenue in order to allow the Air District to meet budgetary needs for the upcoming FYE 2020, and to continue to effectively implement and enforce regulatory programs for stationary sources of air pollution.

On May 15, 2019, Air District Staff met with Western States Petroleum Association (WSPA), CCEEB and the Chair and Vice-Chair of the Budget and Finance Committee to discuss concerns regarding the relationship between the fees and budget. WSPA and CCEEB also requested a process for input into the Fees. The Air District staff proposes to convene a group with industry and the public to explain the budgeting process, give insight into how fees are linked to the budget, give increased visibility on cost recovery and take industry and public input on proposed fee

changes. This group will convene at the start of the next Regulation 3 and budget cycle in December of 2019.

Refinery Rules Technical Working Group: Air District staff initiated a Refinery Rule Technical Working Group, which is comprised of refinery representatives, WSPA, community advocates, and Air District staff. The Workgroup is a venue through which technical, economic and early concepts can be vetted in the development of refinery-related rules, such as the draft rule for hydrogen plants and amendments to Rule 6, Regulation 5 (Rule 6-5): Particulate Matter from Fluidized Catalytic Cracking Units and Carbon Monoxide Boilers. Air District staff hosted an initial kickoff meeting to introduce and relate the purpose of the working group to the participants on May 30, 2019. Those in attendance included refinery personnel, a WSPA representative, a staff member from Contra Costa Hazardous Materials Office, and representatives from several community advocate organizations, such as the Sunflower Alliance and Communities for a Better Environment.

Regulation 11, Rule 18 (Rule 11-18) - Reduction of Risk from Air Toxic Emissions at Existing Facilities: There are 35 Phase I facilities undergoing Air District review to determine the applicability of Rule 11-18 risk reduction plan requirements. On May 8, 2019, the Air District sent Rule 11-18 data requests to the petroleum refineries. These Rule 11-18 data requests were tailored for the refineries, because annual emission inventory data for refineries will be collected pursuant to Rule 12, Regulation 15 (Rule 12-15) Petroleum Refining Emissions Tracking. These data submittals are due September 9, 2019. In summary, the Air District is waiting for data submittals from seven facilities, is validating data submittals received from 25 facilities, and is preparing HRAs for three facilities.

Regulation 12, Rule 15, (Rule 12-15) Petroleum Refining Emissions Tracking: All five refineries and several of their support facilities submitted their Annual Emissions Inventories required by Regulation 12-15-401 the week of June 30, 2019. One support facility (Martinez Cogen) did not submit the inventory by the deadline. The C&E Division will investigate and may issue an NOV to the facility. Staff is currently reviewing all submittals for acceptance and identifying any deficiencies.

Separately, staff proposed amending the rule to align an emissions inventory submittal deadline with deadlines included in the AB 617 inventory rule (Criteria and Toxics Reporting Regulation) that was adopted by CARB's Board of Directors in December 2018. Staff submitted an amended rule for public comments on June 5, 2019. As a result of requests made by several affected facilities, the public comment deadline was extended from July 8, 2019 to July 15, 2019. Staff received comments from two affected facilities (Air Products, Shell Martinez Refinery), and a trade association (WSPA). Staff is reviewing the comments received and will develop a recommendation for internal review.

Regulation 13, Rule 2 (Rule 13-2) Composting Operations and Material Handling: As part of its 75 percent by 2020 waste recycling goal and to reduce GHG 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 posted Draft regulatory language and a workshop report to the District Website on June 6, 2019 and shared these at a series of Public Workshops in San Francisco (June 13, 2019), Richmond (June 18, 2019) and in Milpitas (June 19, 2019). The deadline for public comments was originally set for July 8, 2019, but this was extended until July 12, 2019 as requested by Director Mitchoff. Seventy comment letters have been received by email (although 40 of these appear to be resubmissions of a “template letter” so they may be considered as a single comment letter signed by 40 individuals). Staff is considering these comments and will make appropriate adjustments to development of the rule. Given the number of comments received and the complexity of the issues raised, further outreach may be required prior to bringing the final staff report and proposed rule language for board consideration. Prior to this round of workshops, a public hearing was anticipated at the end of 2019.

Heavy Liquid 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 have finished screening and bagging of study components and have submitted analytical lab results to the Source Test Section for review. The Source Test Section has finished reviewing bagging data for all five refineries after obtaining additional information from the refineries. Staff is participating on a biweekly conference call with WSPA technical personnel, to discuss methodologies for developing revised average emission factors. A temporary statistician, who had previously provided support to the study, has been working with staff on statistical analyses of the data with preliminary average emission factors expected in August 2019.

California AB 617: AB 617, approved by the legislature in 2017, initiated a statewide effort to improve health in communities most affected by air pollution by identifying and reducing those sources of air pollution. Staff continues to work on the implementation of AB 617, including participation on the Best Available Control Technology/Best Available Retrofit Control Technology (BACT/BARCT), Technical Assessment Coordination, and Emissions Inventory working groups with CARB and other air districts. Staff is also working through CAPCOA on a process to develop a uniform method of emissions reporting as required by AB 617 and participated in drafting recommendations on the method that was sent to CARB by CAPCOA.

- Staff has discussed CARB’s proposed 15-day changes to the text of its AB 617 CTR emissions reporting rule with both CARB and CAPCOA. Staff provided comments to CARB on the proposed changes.
- Engineering staff was responsible for soliciting volunteers and collecting nominations for source categories to study for the Uniform Emissions Inventory Workgroups through the CAPCOA Engineering Managers Committee. On April 16, 2019, staff led a conference call with other local air districts, CARB, and CAPCOA to discuss timing, process, and next steps for the electrical generation, petroleum refining and landfill workgroups. Update meetings were held on May 30, 2019 and July 9, 2019. The workgroups are targeting guidance documents to be drafted by the end of 2019.

- Staff is working with the AIM Division staff to verify and correct as needed, the West Oakland Action Plan's emissions inventory for a few remaining facilities and to support the Plan's projections into the future.
- Staff participated in West Oakland AB 617 Steering Committee meetings in Oakland.
 - April 3, 2019: Goals and objectives of the draft action plan.
 - May 1, 2019: Proposed targets for the West Oakland Action Plan.
 - June 5, 2019: Inter-governmental leader panel discussed how multiple agencies can help with the Plan's implementation.
 - July 10, 2019: AB 617 Action Plan being developed for that community
- Staff participated in AB 617 Richmond Internal Workgroup meetings and provided priority scores for all facilities in Richmond and San Pablo as well as the list of facilities in those cities that are subject to Rule 11-18.
- On May 22, 2019, staff provided written comments to CARB on its draft BACT caveat tables on BACT thresholds and cost-effectiveness. CARB is developing these caveat tables with CAPCOA air districts for CARB's AB 617 Technology Clearinghouse.
- On July 9, 2019, staff participated in the CARB's bi-weekly conference call of the BACT/BARCT Working Group. CARB presented its current workplans and vendor contract updates. The participating air districts provided updates of their AB 617 Expedited BARCT rule development schedule and CARB introduced its new Manager of Permit Evaluation and Support, Courtney Graham.

Outreach and Engagement Programs

AB 617 Community Health Protection Program:

- Staff continued to work on the Air District's needs assessment, e.g. holding interviews with civic government leaders. This work implements the building capacity work plan, which supports the implementation of the strategic framework for building AB 617 high priority communities' capacity to participate in emission reduction and monitoring plans. Between June 14, 2019 – June 27, 2019, staff held interviews with civic leaders in Alameda CDPH and Livermore.
- Staff began reviewing applications for the 2019 Community Health Protection Grant program. The grant cycle closed on June 21, 2019 and received 20 applications. Over the next couple weeks staff will review applications and determine grantees; selected applicants will be notified the week of July 22, 2019.
- Staff continued to work on the development of file management, and communication protocols for the Air District's AB 617 cross-divisional work team. Staff has developed a presentation on the file management protocols, which will be shared with all AB 617 team members at a future meeting.

- Staff participated in GARE training and internal GARE team meetings.
- Staff continued to work on the Air District’s needs assessment, e.g. holding interviews with civic government leaders. This work implements the building capacity work plan, which supports the implementation of the strategic framework for building AB 617 high priority communities’ capacity to participate in emission reduction and monitoring plans. Between May 31, 2019 – June 13, 2019, staff held interviews with civic leaders in San Leandro and San Francisco.
- Staff continued to work on the development of file management, and communication protocols for the Air District’s AB 617 cross-divisional work team. Staff has developed a presentation on the file management protocols, which will be shared with all AB 617 team members at a future meeting.
- Staff continued to work on the Air District’s needs assessment, e.g. scheduling interviews and holding interviews with civic government leaders. This work implements the building capacity work plan, which supports the implementation of the strategic framework for building AB 617 Years 2-5 communities’ capacity to participate in emission reduction and monitoring plans. Between May 17, 2019 – May 28, 2019, staff held interviews with civic leaders in Santa Clara County and the City of San Jose.
- A draft file management protocol was completed and vetted with AB 617 folder owners.
- Staff continued to work on the Air District’s needs assessment, e.g. scheduling interviews. This work implements the building capacity work plan, which supports the implementation of the strategic framework for building AB 617 Years 2-5 communities’ capacity to participate in emission reduction and monitoring plans. Between May 6, 2019 – May 13, 2019, staff held interviews with civic leaders in Pittsburg, Antioch, Contra Costa County, Brentwood, Oakley, Solano Transit Authority and Vallejo.
- Staff prepared multiple presentations on AB 617 implementation for varied audiences.
- Staff completed and saw to the posting and announcement of guidelines for AB 617 Community Health Protection, Community Readiness/Building Capacity grants.
- Staff continued to work on the development of file management, and communication protocols for the Air District’s AB 617 cross-divisional work team. A draft file management protocol was completed and vetted with protocols team.
- Staff updated draft guidelines for AB 617 Building Capacity grants.

West Oakland AB 617

- Staff continue to meet with our West Oakland Co-Leads (WOEIP) on a weekly basis to discuss elements of the Action Plan and design the following month’s Steering Committee meeting.

- **June 26, 2019 - AB 617 West Oakland Action Plan Steering Committee Meeting** – Staff hosted the 12th Steering Committee meeting at the West Oakland Senior Center. Air District staff, WOEIP Co-leads, and the steering committee reviewed the first version of the draft plan for steering committee feedback and discussed initial comments.
- **June 5, 2019 - AB 617 West Oakland Action Plan Steering Committee Meeting** – Staff hosted the 11th Steering Committee meeting at the West Oakland Senior Center. Air District staff, WOEIP Co-leads, and the steering committee reviewed the status of the draft plan, tracking, and accountability for implementation. Executive leaders from local authorities were invited to speak on a panel answering questions about how they will ensure implementation success of the West Oakland Community Action Plan. The panelists were Richard Corey from CARB, Kimi Watkins-Tartt from the Alameda County Public Health Department, Maraskeshia Smith from the City of Oakland, Christopher Lytle from the Port of Oakland, and Tess Lengyel from the Alameda County Transportation Commission.
- **May 1, 2019 - AB 617 West Oakland Action Plan Steering Committee Meeting** – Staff hosted the 10th Steering Committee meeting at the West Oakland Senior Center. Air District staff, WOEIP Co-leads, and the steering committee reviewed the updated strategies and status of the draft plan and discussed potential next steps for the plan's implementation.
- **April 3, 2019 - AB 617 West Oakland Action Plan Steering Committee Meeting** – Staff hosted the ninth Steering Committee meeting at the West Oakland Senior Center. Air District staff, WOEIP Co-leads, and the steering committee discussed metrics, targets, and tracking for the proposed strategies for the Community Action Plan.

Richmond AB 617

- **June 19, 2019 – AB 617 Richmond-San Pablo Area Steering Committee Meeting** – Staff co-hosted the fourth meeting at the San Pablo Library. Steering Committee members and the public were able to see the focus areas for monitoring identified in the previous two meetings and Steering Committee members voted on initial monitoring efforts to begin July. The three new monitoring efforts are comprised of two saturation monitoring efforts – through CARB Grantees and SC Members Groundwork Richmond and PSE/APEN – and one mobile monitoring screening effort through the Air Districts contract with Aclima.
- Staff continue to meet with the Richmond Co-Lead Team (five community members representing: NAACP, First 5, RYSE Youth Center, Santa Fe Neighborhood Council, and a local resident from East Richmond) on a weekly basis to plan Steering Committee Meetings and discuss elements of the Community Air Monitoring Plan.
- **May 7, 2019** – Staff met with Co-lead members representing First Five and RYSE Youth Center to discuss support for the Steering Committee and Co-Lead Team regarding child watch and community co-lead team fiscal sponsorship.
- **May 15, 2019 – Richmond-San Pablo Steering Committee Meeting** – The Steering Committee, of 35 community members and stakeholders, learned about health impacts from air pollution and reviewed various maps of health burden and air quality in the area. Small groups discussed what they wanted to focus on and why, to begin forming monitoring objectives.

- **April 11, 2019 – Steering Committee Meeting** – Staff facilitated the first Steering Committee meeting. SC members and the public learned more about air monitoring and the monitoring elements in the CARB Blueprint. They broke into small groups to begin looking at permitted sources, monitoring sites and identifying information and data needs.
- **April 10, 2019 – Steering Committee Onboarding** – Staff provided one-on-one onboarding and orientation for three Steering Committee members who could not attend the April 3, 2019 onboarding.
- **April 4, 2019 – Consultation Group** – Staff prepped community members for the consultation group meeting on implementation best practices. Staff provided transportation, talking points and attended the meeting in Sacramento.
- **March 25, 2019 and April 1, 2019: The Richmond Co-Lead Team** – The Air District co-leads met with our Richmond co-lead (NAACP) to prepare for the Steering Committee Orientation and discuss the first meeting.
- **April 3, 2019 - AB 617 Richmond-San Pablo Area Community Air Monitoring Plan** – The Co-Lead team partnered with facilitators from MIG to implement the Steering Committee Orientation and Onboarding Meeting. Members reviewed onboarding materials, nominated co-leads and reviewed high level air monitoring processes.

Spare the Air Youth

- **June 24, 2019 – Spare the Air Youth Technical Advisory Committee Meeting (STAY TAC)** – Staff attended the Spare the Air Youth TAC meeting to provide a YES Conference update. The group received a policy and funding update from regionwide efforts and an update on the 2019-2020 High School Grant Program. The group heard presentations from community-based organizations on programs that work on overcoming barriers when engaging youth and brainstormed professional development opportunities in small breakout groups.
- **June 20, 2019 – Spare the Air Youth (STAY) Biweekly Check-in Meeting** – Staff met with Raquel Trinidad, with MTC, and Alta Planning staff to prepare for the Technical Advisory Committee (TAC) Meeting on June 24, 2019, discussed professional development opportunities for TAC members and updates to the High School Grant Program.
- **June 13, 2019 – STAY Biweekly Check-in Meeting** – Staff met with Raquel Trinidad, with MTC, and Alta Planning staff to discuss the timeline for the launch of the new sparetheairyouth.org website, the agenda for the upcoming STAY TAC meeting on June 24, 2019 and proposals for the National Safe Routes to School Conference in November 2019. Due to limited resources and staff time, The YES Summit scheduled for August 2, 2019 has been cancelled. The Team will be focusing efforts on the YES Conference scheduled for Saturday, February 29, 2020.
- **May 29, 2019 – Conference Call with Anti-Oppression Resource & Training Alliance (AORTA)** – Staff participated on a conference call with AORTA representatives to discuss opportunities for a training for STAY TAC members.

- **May 22, 2019 – STAY Biweekly Check-in Meeting** - Staff met with Raquel Trinidad, with MTC, and Alta Planning staff to discuss updates to the sparetheairyouth.org website and potential speakers for the Spare the Air YES Summit scheduled for Friday, August 2, 2019.
- **May 9, 2019 – STAY High School Grant Program Review** – Staff met with external reviewers to discuss the submissions received for the Spare the Air Youth High School Grant Program. Staff reviewed project submissions, budgets and scopes of the projects. Staff will need clarity on details related to a few of the applicants prior to awarding the grants.
- **May 3, 2019 – STAY Biweekly Check-in Meeting** - Staff met with Raquel Trinidad, with MTC, and Alta Planning staff to finalize the e-newsletter content, the Spare the Air Youth YES Summit and Conference logo and discussed website and registration logistics for the upcoming Youth for the Environment and Sustainability’s Youth in Schools Summit.
- **April 19, 2019 – STAY Summit/YES Conference Logo Design** – Staff participated on a conference call with Mary Evall, graphic designer, to begin the process in designing a new logo for the upcoming Spare the Air Youth Summit and the 202 YES Conference.
- **April 17, 2019 – People for Mobility Justice Conference Call** – Staff participated on a conference call with representatives from Mobility Justice to hear about opportunities to host a workshop for a Spare the Air Youth equity training.
- **April 10, 2019 – STAY Biweekly Check-in Meeting** - Staff met with Raquel Trinidad, with MTC, and Alta Planning staff to discuss the high school grantees, finalizing the Spare the Air Youth newsletter and planning for the upcoming Youth for the Environment and Sustainability’s Youth in Schools Summit.
- **March 26, 2019 – 2020 YES Conference Venue Location Search** – Staff visited El Camino High School, Balboa High School and San Francisco City College’s campuses as potential sites for the Spare the Air Youth 2020 YES Conference.

Spare the Air Resource Teams

- **June 20, 2019 – Contra Costa County Spare the Air Resource Team Meeting** - Staff participated in the meeting via conference call and provided an Air District update. The Team discussed what to do with remaining funds and potential projects for the new year.
- **June 19, 2019 – San Francisco Spare the Air Resource Team Meeting** – Staff attended the meeting and provided an Air District update. The Team discussed the Transportation Demand Management (TDM) benchmarking survey to TDM representatives and discussed how to assist with the SFMTA and SFE employer TDM relocation project.

- **June 13, 2019 – Southern Alameda County Spare the Air Resource Team Meeting** – Staff attended the meeting and provided an Air District update. The Team reviewed feedback from their recent webinar on Dockless Bikeshare and e-Scooter programs and discussed next steps. The Team also discussed the status of the Green Business Program Transportation Checklist and brainstormed logistics for circulating the Employer TDM Benchmarking Survey.
- **June 12, 2019 – Santa Clara Spare the Air Resource Team Meeting** – Staff attended the meeting and provided an Air District update. The Team discussed a follow up to the case study workshop they hosted last month, reviewed the Green Business Certification Transportation Resources Guide and brainstormed logistics for the survey for employer transportation demand management representatives in Santa Clara County.
- **June 7, 2019 – Napa Clean Air Coalition Meeting** – Staff attended the meeting and provided the Air District update. The Team reviewed their program year activities such as: Kids Making Sense – Napa Learns and Idle Free in Schools. The Team also ongoing projects such as Bike to Shop Day, V-Commute outreach to employers, and the Employer TDM Benchmark Survey.
- **May 15, 2019 – Marin Resource Team** – Staff helped facilitate a wrap-up meeting with Kerns and West, Safe Routes to School and the Marin Bike Coalition. The purpose of the meeting is to discuss successes of the Park and Walk program and discuss plans for next year.
- **April 25, 2019 – San Francisco Spare the Air Resource Team’s Experience a Better Commute Event** – Resource Team members and various San Francisco employer representatives attended the Tideline ferry excursion between San Francisco and Berkeley. On board the ferry, attendees learned more about how to promote the ferry commute alternative to their employees and learned about incentives to using the ferry as a commute option.
- **April 17, 2019 – San Francisco Spare the Air Resource Team Conference Call** – Staff participated on the San Francisco Resource Team’s conference call. The Team discussed logistics for the Tideline Ferry event on April 25, 2019 as well as the launch of the Summer Spare the Air season.
- **April 12, 2019 – Sonoma County Spare the Air Resource Team Meeting** – Staff attended the Sonoma County Resource Team’s meeting and provided an Air District update. At the meeting, the team reviewed the new Go Sonoma website design, discussed the Go Sonoma Facebook page, and considered new project proposals which aim to engage parent volunteers in Idle Free outreach in schools.
- **April 10, 2019 – Santa Clara County Spare the Air Resource Team Meeting** – Staff attended the Santa Clara County Resource Team’s meeting and provided an Air District update. At the meeting, the team received an update on the Green Business Certification Transportation Resource Guide being developed and participated in a presentation on “how to create a case study for your program” led by Cultivating Capital.

- **March 22, 2019 – San Francisco Spare the Air Resource Team Event** – The San Francisco Resource Team and the San Francisco Bicycle Coalition hosted the Breakfast of Bicycle Champions Workshop. The workshop was to help prepare San Francisco employers provide resources to their employees for Bike to Work Day.

Community Meetings, Workshops and Site Visits

- **June 20, 2019 – First Five Pittsburg Meeting** – Staff participated in a phone call with staff from the First Five Center in Pittsburg to share information on the Air District, Spare the Air, opportunities for collaboration and various grant programs.
- **June 19, 2019 – Bayview Hunters Point Environmental Justice Task Force Meeting** – Staff attended the Bayview Hunters Point Environmental Justice Meeting hosted by GreenAction. The group reviewed complaints filed through the Identifying Violations Affecting your Neighborhood (IVAN) website and requested respective agencies publicly respond to complaints via IVAN. Representatives from SFMTA presented information on the “Community Based Bayview Transportation Planning” project.
- **June 18, 2019 and June 19, 2019 – Public Workshops on Climate Pollutant Regulations (Richmond and Milpitas)** – The Air District hosted two public workshops on new efforts to mitigate climate pollutant and organic material emission in the Bay Area. The rules aim to help address climate pollutants.
- **June 17, 2019 – Pittsburg Unified School District Meeting** – Staff met with the Pittsburg Unified School District to share information on the Air District, Spare the Air, opportunities for collaboration and various grant programs.
- **June 17, 2019 – La Clinica Pittsburg Meeting** – Staff met with staff from the La Clinica offices in Pittsburg and Fruitvale to share information on the Air District, Spare the Air, opportunities for collaboration and various grant programs.
- **June 13, 2019 – Public Workshops on Climate Pollutant Regulations (San Francisco)** – The Air District hosted a public workshop on new efforts to mitigate climate pollutant and organic material emission in the Bay Area. This is the first of three workshops to help address climate pollutants. Additional workshops will be hosted in Richmond and Milpitas the week of June 17, 2019.
- **May 29, 2019 – Call with Silicon Valley Council of Nonprofits** – Staff spoke with the Silicon Valley Council of Nonprofits to share information about the Air District’s James Cary Smith Community Grant Program and the AB 617 Community Health Protection Grants.
- **May 29, 2019 – Meeting with CBE Staff** – Staff met with CBE staff in East Oakland to discuss CBE’s permitting concerns, AB 617, the AB&I study, and school filtration news.
- **May 28, 2019 – Call with California Walks** – Staff spoke with staff from California Walks to share information about the Air District’s James Cary Smith Community Grant Program and the AB 617 Community Health Protection Grants.

- **May 23, 2019 – San Jose Site Visits** – Staff visited various organizations in San Jose to share information about the Air District’s James Cary Smith Community Grant Program and the AB 617 Community Health Protection Grants. Staff met with the Silicon Valley Bike Coalition, Valley Verde, the City of San Jose, SOMOS Mayfair and Veggielution.
- **May 15, 2019 – Bayview Hunters Point EJ Task Force** – Staff attended the Bayview Hunters Point Environmental Justice Meeting hosted by Greenaction. The group reviewed complaints filed through the IVAN website and discussed the Bayview Air Monitoring Project funded by CARB.
- **April 12, 2019 – Sunshine America Club Meeting** – Staff attended and presented to the Sunshine America club in Castro Valley. Staff provided an overview of air quality, the impacts of air pollution on health and information on Air District initiatives. Approximately 25 youth and parents attended the meeting.
- **April 12, 2019 – RYSE Youth Center Fundraiser** – Staff attended the RYSE Youth Center Fundraiser to show support to one of our key partners in the Richmond-San Pablo Area.
- **March 20, 2019 – Bayview Hunters Point Environmental Justice Task Force Meeting** – Staff attended the Bayview Hunters Point Environmental Justice Meeting hosted by GreenAction. The group reviewed complaints filed through the IVAN website and discussed the first meeting of the Bayview Air Monitoring Project funded by CARB. Representatives from SFMTA presented information on the “Community Based Bayview Transportation Planning” project and DTSC presented on the draft criteria for considering cumulative impacts and community vulnerability in permit decision making.

Other

- **June 18, 2019 – MTC High School Intern Orientation** – Staff attended and participated in the MTC High School Intern Orientation. The Community Engagement section will be hosting Jordyn Kosai, a high school senior at Lowell High School, this summer via the MTC High School Program.
- **June 7, 2019 – James Cary Smith Community Grants Program** – The FYE 2020 cycle of the James Cary Smith Community Grants call for applications closed on June 7, 2019 after the eight weeks open application period. Grants of up to \$25,000 per project will be awarded to support air quality education and engagement efforts. These grants will fund non-technical activities such as active transportation educational campaigns, urban greening projects, and environmental justice community engagement projects. Staff received 24 total applications and will review them in the competitive scoring process to select the top 10 projects and announce awardees on July 8, 2019.

- **June 3, 2019 – Viridiana Santoyo’s First Day** – The Community Engagement Team welcomed Viridiana Santoyo to the team as a summer intern. Viri is a first-year graduate student at UC Berkeley’s Dept of City and Regional Planning Program. Her emphasis is centered on environmental planning and building healthy cities by addressing social determinants of health. She has a strong interest in our AB 617 efforts and will be tasked to assist with West Oakland/Richmond activities (among other youth engagement program tasks).
- **May 30, 2019 – Meeting with Tracking CA Staff at CDPH in Richmond** – Staff joined M&M staff in Richmond to meet with Tracking CA Staff to explore ideas and opportunities for working together to make progress on common goals.
- **May 21, 2019 – Conference call with Ken Szutu** – Staff participated on a conference call with Ken Szutu to refine his scope of work for a grant via the Community Grant Program. The grant will fund an air monitoring project and a community education campaign in the Vallejo area.
- **May 17, 2019 – College Intern Interviews** – Staff conducted phone interviews with graduate school applicants for a summer internship position with the Community Engagement Office. The intern will be with the Community Engagement Office from June 3, 2019 – August 31, 2019.
- **May 16, 2019 – San Leandro Creek Urban Greenway Project** – Staff attended a meeting with partner CBOs to kick-off the community design process for the trees, vegetation and amenities for building the San Leandro Creek Greenway. Staff also shared information about the Air District’s James Cary Smith Community Grant Program and the AB 617 Community Health Protection Grants.
- **May 14, 2019 - May 15, 2019 – Fundamentals of Facilitation for Racial Justice Work Workshop** – Staff attended this two-day workshop which focused on the five essential practices of racial justice leadership. The purpose of the workshop is to develop practical skills and tools for guiding others through productive conversations about race, racism, and racial justice that build understanding and agreement.
- **May 13, 2019 and May 17, 2019 – College Intern Interviews** – Staff conducted phone and in-person interviews with graduate school applicants. The intern will be placed in the Community Engagement Office from June 3, 2019 – August 31, 2019.
- **May 7, 2019 – Bay Air Center Meeting (formally known as the Community-Led Sensing Program)** – Staff met with Tim Dye, TD Environmental Services, and Ben Gettleman, Kearns & West, to discuss the timeframe on when the Air District would publicly launch the Bay Air Center. The group discussed a project intake process, the timeframe for establishing an internal and external working group and defined priority project areas.
- **May 6, 2019 and May 13, 2019 – High School Intern Interviews** – Staff conducted phone interviews with high school applicants through the MTC Summer Internship Program. A high school intern will be placed in the Community Engagement Office from June 20, 2019 – August 31, 2019.

- **April 30, 2019 – Bay Area Green Careers Conference** – Staff presented and tabled at the Green Careers Conference at the David Brower Center in Berkeley to high school students about environmental career pathways and Spare the Air Youth engagement opportunities. Staff promoted the upcoming YES Summit and YES 2020 Conference to high school environmental leaders from various Bay Area counties.
- **April 25, 2019 - April 26, 2019 – Public Engagement Learning Lab** – Staff attended a two-day training held by the Institute for Local Government in Danville. Staff learned how to approach and apply public outreach efforts in the TIERS (Think, Initiate, Engage, Review, Shift) framework, and will share the templates and lessons learned with fellow staff at the Air District.
- **April 24, 2019 – James Cary Smith School Community Grant Orientation Webinar** – Staff provided an orientation of the grant requirements, expectations, and next steps for the 11 grantees of the 2019 James Cary Smith School Community Grant program via online webinar.
- **April 23, 2019 – Piedmont Climate Action Fair** – Staff attended the Piedmont Climate Action Fair to provide information on the Air District and discuss the Air District’s climate change initiatives. Staff answered questions about youth engagement activities, stationary sources and climate change.
- **April 23, 2019 – Presentation at Viasat** – Staff presented at Viasat as part of their Earth Day celebration event. Staff presented an overview of the Air District, provided information on the Spare the Air program and the James Cary Smith Community Grant Program. Staff answered questions about general air quality in Santa Clara, addressed concerns related to Milpitas and wildfires and encouraged attendees to participate on the local Resource Team and Idle Free campaigns.
- **April 23, 2019 – Bay Air Center Meeting (formally known as the Community-Led Sensing Program)** – Staff met with Tim Dye, TD Environmental Services, and Ben Gettleman, Kearns & West, to discuss the timeframe on when the Air District would publicly launch the Bay Air Center. The group discussed website logistics, the possibility of creating a community focus group and outlined outreach materials to create prior to the public launch of the Center.
- **April 22, 2019 – Juniper’s Earth Day Event** – Staff attended Juniper’s Earth Day event to provide information on the Air District, the Spare the Air program and Resource Team related activities. Staff also answered questions on wildfires, community grant applications and youth engagement activities.
- **April 22, 2019 – James Cary Smith Community Grant Informational Webinar** – Staff provided an overview of the guidelines for the 2019 James Cary Smith Community Grant program via an online webinar and answered questions from interested applicants. Representatives from 22 community-based organizations attended the event. An updated FAQ sheet answering questions from community partners at this event will be posted on the Air District’s bonfire portal by May 3, 2019.

- **April 16, 2019 – April 18, 2019 – GARE Membership Conference in Albuquerque, NM** – Staff attended and presented BARC Framework for GARE Implementation at the 2019 GARE Membership Conference.
- **April 18, 2019 – CivicSpark Air District Visit & Tour** – Staff hosted CivicSpark fellows and provided an overview of the Air District and the Spare the Air program. Staff also coordinated a tour of the building, air quality lab and meteorology room.
- **April 15, 2019** – Staff announced a Call for Applications for the 2019 cycle of the James Cary Smith Community Grants. Grants of up to \$25,000 per project will be awarded to support air quality education and engagement efforts. These grants will fund non-technical activities such as active transportation educational campaigns, urban greening projects, and environmental justice community engagement projects. Applications will be due by 5pm on June 7, 2019.
- **April 11, 2019 – MTC's Horizon Art Contest Jury** - Staff convened with Raquel Trinidad of MTC and invited art professionals to score and rank the submissions of the first art contest for Art on the Horizon: Youth Confronting Climate Change.
- **April 9, 2019 – Bay Air Center Meeting (formally known as the Community-Led Sensing Program)** – Staff met with Tim Dye, TD Environmental Services, and Ben Gettleman, Kearns & West, to discuss the timeframe on when the Air District would publicly launch the Bay Air Center. The group finalized the program logo, created internal communication protocol and defined next steps.
- **April 2, 2019 – Bay Air Center Meeting (formally known as the Community-Led Sensing Program)** – Staff met with Tim Dye, TD Environmental Services, and Ben Gettleman, Kearns & West, to discuss the timeframe on when the Air District would publicly launch the Bay Air Center. The group discussed logo designs, internal communication protocol and defined next steps.

Office of Diversity, Equity, and Inclusion

In the Second Quarter of 2019, the Office of Diversity, Equity & Inclusion (DE&I) focused on four functional areas; GARE program; cultural awareness communications and activities, human resources strategies, training and development, and the.

GARE – The DE&I team spearheads efforts to outline racial equity programmatic activities within the agency. The Office met with the Air District Introductory and Implementation cohorts to refine individual and cohort roles and responsibilities. Cohort participants are engaged in a 1-year curriculum. Topics range from Equity 101 for the Introductory Team to Results Based Accountability for the Implementation Team. The DE&I Office's creation of a pillar of work structure allows Air District GARE participants to engage in structured activities that create results both internally and within the communities we serve.

Cultural Awareness Communications/Activities – The Office of DE&I continues to provide the content and creative in the diversity section of the Air District’s internal bi-weekly Newsletter. Within the Newsletter, information was included regarding several important observances relative to Asian American/Pacific Islander Heritage Month, Cinco de Mayo, LGBTQ Pride Month, Juneteenth, and more. As part of our Employee Perspective Series, several employees were invited to share their thoughts on topics affecting their demographic. Their images and responses were displayed in our office lobby and celebrated by all employees. Regarding events and activities, each month several DE&I events occur within our offices and externally in the communities we serve. Events included but were not limited to; an Asian American/Pacific Islander Heritage Month Employee Potluck Celebration (including MTC employee participation), an employee ice cream social event to kickoff LGBTQ Pride Month in June and the Air District’s second LGBTQ SF Pride Parade Team. This year’s Pride Parade Team consisted of 100 participants. The Air District celebrated Juneteenth. Juneteenth is the oldest nationally celebrated commemoration of the end of slavery in the U.S.

Human Resources Strategies – As a part of our Human Resources strategies, the Office participated in several hiring events and activities. The Office of DE&I continues to participate in Job Fairs. At the University of California at Berkeley Career Expo, the Office of DE&I assisted students with their resumes and spoke with students regarding future employment opportunities including internships. Internally, the Office of DE&I participated in several job application panel screenings as well as panel interviews. In addition, the Office of DE&I has strategized with the Human Resources Department regarding diversity components within the Agency’s revitalized internship program. Additional discussions are planned to further enhance opportunities and growth in this area.

Training and Development – The Office of DE&I participated at the Othring & Belonging Conference in Oakland, CA. This conference organized by the Haas Institute for a Fair and Inclusive Society at UC Berkeley assisted the Office in defining structural exclusion and inclusion practices while offering an analytical framework to design and advance equity policies. The Office followed this event with a presentation on best practices, pillars of work, organizational development, and building capacity at the Government Alliance on Race and Equity’s Annual Membership Conference in Albuquerque, New Mexico. The conference was attended by jurisdictions across the United States.

Sample Communications -

Asian American and Pacific Islander Heritage Month POTLUCK
Air District and MTC Employees

Bring a dish or beverage that represents the theme and come enjoy snags and comrades with fellow employees during our lunch time cultural celebration.

Dish/Beverage Signups
Air District employees: Please sign up @ [POTLUCK 2019](#)
MTC employees: Please sign up @ 7th Floor Receptionist
Thank by Tuesday, May 28, 2019.

Thursday May 30th
Noon – 1:30 pm
6th and 7th Floor Atriums

Bay Area Air Quality Management District | Metropolitan Transportation Commission

Air District Walks with Pride!

On Sunday, June 30, 2019, the Air District participated in the SF Pride Parade. This year our team was 100 participants strong! In addition to Air District employees, friends and our partner agency, MTC, joined us to walk in support of equality for all.

Thank you to everyone who participated. A special thank you to employees Liberty Mahinay, our photographer, and Roy Gil, our zero-emission vehicle driver.

Asian American and Pacific Islander Heritage Month

The Air District proudly observes Asian American and Pacific Islander Heritage Month during the month of May. This special heritage month celebrates the culture, traditions, and history of Asian Americans and Pacific Islanders in the United States.

A rather broad term, Asian/Pacific encompasses all of the Asian continent and the Pacific islands of Melanesia (New Guinea, New Caledonia, Vanuatu, Fiji and the Solomon Islands), Micronesia (Marshall, Guam, Wake Island, Palau, Marshall Islands, Kiribati, Nauru and the Federated States of Micronesia) and Polynesia (New Zealand, Hawaiian Islands, Rotuma, Midway Islands, Samoa, American Samoa, Tonga, Tuvalu, Cook Islands, French Polynesia and Easter Island).

The month of May was originally chosen to commemorate the immigration of the first Japanese to the United States on May 7, 1843, and to mark the anniversary of the completion of the transcontinental railroad on May 10, 1869. The majority of workers who laid the tracks were Chinese immigrants.

EMPLOYEE PERSPECTIVES
Asian American and Pacific Islander Heritage Month

I am a proud Filipino-American with strong family values that trace back to the Philippines and my American upbringing.

My family first migrated from the Philippines to the Hawaiian Islands when I was 10 years old, before moving to the mainland states. Upon our initial arrival, the local Hawaiians had a similar culture which helped us transition and get accustomed to the American way of life without too much culture shock.

The Philippines were once colonized by Spain and later became a U.S. territory, that was taken over by America during WWII. The Philippines once again gained its independence in 1946. The series of events explains how we acquired many cultural influences.

Traits that I truly admire in friends are courageous, hardworking and very resilient. In times of calamities such as earthquakes, typhoons or even tsunamis, Filipinos always manage to rise above catastrophes.

Liberty Mahinay
Air Quality Technician
Operations and Enforcement

Thank You

Thank you to all employees who supported our Juneteenth event celebrating freedom on June 19th. A special thank you to employees, Beulah Best (a gas era maintenance), Carol Phillips, and Victor Douglas for their participation, from social events, educational information, and a little more of love, we are proud to work for an agency that celebrates us all!

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

Open Solicitations Administered by the Strategic Incentives Division (SID):

- **Community Health Protection Grant Program** – \$40M is available 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 by informing the Air District’s project outreach and project identification processes. Applications are being accepted on a first-come, first-served basis until all funds are awarded to owners of eligible equipment and vehicles by June 2020. www.baaqmd.gov/ab617grants
- **Carl Moyer Program** –\$10M is available 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
- **Lower-Emission School Bus Program** – Funding is available for public school districts, Joint Powers Authorities (JPAs), and contracted fleets in the Bay Area to do 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/lesbpnt
- **Residential Wood Smoke Reduction Incentive Program** – Funding is available to help eligible homeowners to offset a portion of the cost to replace older, highly polluting fireplaces and wood-burning stoves with qualifying cleaner heating devices, including electric heat pumps and natural gas or propane heating stoves and inserts. Funding is also available to help homeowners decommission their existing wood-burning devices. Currently, funding is limited to homes located in [eligible areas](#). www.baaqmd.gov/woodsmokegrant
- **Vehicle Buyback Program** – Pays Bay Area residents \$1,000 to turn in their operable, registered, vehicle (model years 1996 and older) for scrapping. www.baaqmd.gov/vbb
- **Vehicle Trip Reduction Grant Program** – \$6M is available for a broad range of eligible transportation service and bicycle facility projects that improve air quality and reduce greenhouse gas emissions by reducing single-occupancy vehicle trips, including pilot services, existing ride-sharing services, existing shuttle services, bike parking, and bikeways projects. The initial application deadline is September 10, 2019, and complete and eligible applications received after this date will be reviewed on a first-come, first-served basis until all funds are awarded. www.baaqmd.gov/tripreduction

Key Accomplishments:

Transportation Fund for Clean Air (TFCA) – Authorized by the State Legislature in 1991, funding is generated 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. On April 3, 2019, the Board of Directors (Board) approved the allocation of \$14M in new TFCA revenue, and on June 5, 2019, the Board authorized proposed cost-effectiveness limits for Air District-sponsored programs and approved proposed updates to the TFCA Regional Fund Policies and Evaluation Criteria for FYE 2020. Up to \$32.3M in TFCA monies, including approximately \$14M in new funds and up to \$18.3 carryover, is available for programs and projects in FYE 2020.

- **Regional Fund and Air-District Sponsored Projects:** 60% of TFCA funds are awarded to eligible projects and programs implemented directly by the Air District and the Regional Fund, which provides funding for clean air vehicle and trip reduction projects.
 - **Pilot Trip Reduction Program (FYE 2019)** – Up to \$7M was available to support the demonstration of microtransit solutions that provide first- and last-mile connections to mass transit in the Bay Area’s highly impacted and priority development areas. Applications were accepted between December 2018 and March 15, 2019. A total of seven applications were received requesting \$6.4M in project funding: five for microtransit services projects and two for non-microtransit projects. Four eligible projects were awarded a total of \$3,068,345 to construct over three miles of Class I and Class IV bikeways, and implement a microtransit pilot, an on-demand shared-ride service, and a first- and last-mile service connecting to mass transit. The remaining three projects were either determined to be ineligible or withdrawn by the applicants.
- **County Program Manager (CPM) Fund:** 40% of TFCA funds are distributed to a designated CPM in each of the Bay Area’s nine counties to implement their own air quality projects. On May 1, 2019, the Board approved the FYE 2020 Expenditure Plans and funding allocations for each CPM and approved a change to the FYE 2020 CPM Fund Policies to increase the cost-effectiveness of bicycle projects to align with the FYE 2020 TFCA Regional Fund Policies. Staff hosted three CPM Work Group meetings to discuss potential changes to the Program, teleconferenced with Santa Clara Valley Transportation Authority (VTA) several times to discuss VTA’s proposed CPM projects, and attended the monthly Bay Area County Transportation Agency’s directors meeting on May 31, 2019.
- **Audit 20:** 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 and the funding agreement between the project sponsor and the Air District. This quarter, staff coordinated with auditors Simpson & Simpson to begin the audit of over 40 TFCA Regional Fund projects that were completed between July 1, 2017 and June 30, 2019. Staff sent out audit notification letters to the project sponsor that will be audited this year and have held five status update meetings with Simpson & Simpson.

- **Other TFCA Outreach and Events:**

- **Outreach:**

- **April 9, 2019 and June 25, 2019:** Staff met with Metropolitan Transportation Commission (MTC) to discuss funding opportunities for MTC's rideshare program and potential collaboration on autonomous vehicles.
- **April 18, 2019 and April 22, 2019:** Staff met with Contra Costa Transportation Authority (CCTA) to discuss CCTA's priorities and funding opportunities.
- **May 1, 2019:** Staff hosted a webinar on the proposed updates to the TFCA Regional Fund Policies and Evaluation Criteria for FYE 2020.
- **May 2, 2019:** Staff hosted a conference call with the Parks & Recreation Department of The Colony, Texas to share information about the Air District's Bike Rack Voucher Program.
- **May 2, 2019:** Staff met with Freewire to discuss emerging technologies in electrification and funding opportunities.
- **June 5, 2019:** Staff hosted a meeting with CCTA and Advanced Mobility Group to discuss the status of Contra Costa County's shared autonomous vehicle project.
- **June 18, 2019:** Staff hosted a conference call with City of San Ramon to discuss funding opportunities for a bike and pedestrian overcrossing project at Bollinger Canyon Road.
- **June 25, 2019:** Staff hosted a conference call with Golden Gate Zero Emission Marine and Crowley to discuss funding opportunities for a potential tugboat fuel-cell repower project.
- **June 25, 2019:** Staff met with Adomani to discuss zero-emission vehicles.
- **June 29, 2019:** Staff hosted a conference call with Cal Maritime Academy to discuss funding opportunities for an electric shuttle for students.

- **Meetings and Events:**

- **April 11, 2019:** Staff attended a webinar on government strategies for dockless bikeshare and eScooters in suburban communities.
- **April 18, 2019:** Staff participated in MTC's Transportation Demand Management workgroup meeting.
- **April 24, 2019:** Staff conference called with South Coast air district representatives to discuss metrics and evaluation of health benefits for trip reduction projects.

- **April 25, 2019:** Staff conference called with UC Davis to discuss the Air District’s research interests and needs.
- **May 2, 2019:** Staff conference called with San Joaquin air district representatives to discuss metrics and evaluation of health benefits for trip reduction projects.
- **May 7, 2019 and May 15, 2019:** Staff attended a public conference call meeting, followed by a public workshop, hosted by CARB on Clean Transportation Equity Projects.
- **May 21, 2019:** Staff presented at the 32nd Electric Vehicles Symposium (EVS 32) in Lyon, France.
- **June 10, 2019:** Staff participated in Electrify America’s Community Engagement Meeting for the second round of funding.
- **June 21, 2019:** Staff attended a workshop on “Dutch Solutions for smart eMobility and charging” at the Consulate General of the Netherlands.
- **June 27, 2019:** Staff attended the Bay Area EV Coordinating Council meeting.

CMP, School Bus Program, Funding Agricultural Replacement Measures for Emission Reductions Program (FARMER), and AB 617 – In cooperation with CARB, the Air District administers State-funded grant programs including the Carl Moyer Program (CMP), Lower-Emission School Bus Program (LESP), FARMER, and AB 617 Community Health Protection Grant Program. These programs provide funding to reduce emissions from existing heavy-duty engines in on-road and off-road vehicles and equipment. This quarter, staff evaluated eight projects with proposed individual award amount over \$100,000, requesting a total of over \$3.6M in funding. 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:**

- **April 23, 2019:** Staff participated in a Caterpillar event on marine regulations and incentives.
- **June 17, 2019 and June 18, 2019:** Staff opened the solicitation and sent out an email blast for the latest round of funding of over \$50M available for emission reductions projects through CMP, FARMER, and SB 856.
- **June 24, 2019:** Staff mailed out CMP postcards to Program stakeholders.
- **June 25, 2019 and June 27, 2019:** Staff hosted a webinar for school bus projects.

- **Requests and Reports:**
 - **April 11, 2019:** Staff submitted quarterly reports for existing grants for the Diesel Emissions Reduction Act (DERA).
 - **April 11, 2019:** Staff submitted a CARB disbursement request for \$14.4M in AB 134 project funds.
 - **April 17, 2019:** Staff submitted a quarterly report for FARMER.
 - **April 17, 2019:** Staff submitted CARB disbursement requests for a total of \$3,299,829 in CMP Year 20 project and State reserve funds, and \$1,358,944 in Year 21 project and administrative funds.
 - **May 14, 2019:** Staff submitted signed grant agreements to CARB for \$1.3M in CMP Year 21 State reserve funds and \$39.8M Community Air Protection (CAP) Year 2/SB 856 and submitted disbursement requests for \$280,875 and \$6.2M, respectively.
 - **May 30, 2019:** Staff submitted a CAP semi-annual project and administrative report to CARB.
 - **June 24, 2019:** Staff submitted a claim for \$334,167 in 2019 DERA funding.
- **Informational Events and Training:**
 - **April 16, 2019:** Staff participated in a CARB conference call regarding reporting for FARMER.
 - **May 9, 2019:** Staff attended CARB's CARL/CAP (database system) reporting webinar.
 - **June 10, 2019:** Staff attended a CARB regulatory training on the Truck & Bus Rule, Off-Road Regulation, and Portable Equipment.
 - **June 20, 2019:** Staff participated in a CARB Advanced Clean Trucks Regulation webinar.
 - **June 27, 2019:** Staff participated in a CARB grant calculator webinar.
- **Meetings and Events:**
 - **April 10, 2019:** Staff attended a West Oakland Action Plan meeting.
 - **April 11, 2019:** Staff participated in a conference call hosted by Sacramento and Placer air districts regarding the Caltrans Capitol Corridor project.
 - **April 19, 2019:** Staff attended a Motiv Power facility tour.
 - **April 23, 2019:** Staff participated in a Port of Oakland Seaport Air Quality Plan task force meeting.

- **May 8, 2019 and June 12, 2019:** Staff participated in a CAPCOA monthly Mobile Source Committee meeting and grants committee meeting.
- **May 22, 2019:** Staff participated in a Caltrain project status meeting.
- **May 23, 2019 and June 5, 2019:** Staff participated in Oakland International Airport and San Jose International Airport station managers meetings.
- **June 5, 2019:** Staff participated in U.S. Environmental Protection Agency's West Coast Collaborative conference call.
- **June 5, 2019:** Staff participated in a conference call with Santa Clara Valley Transportation Authority regarding bus yard electrification.
- **June 6, 2019:** Staff participated in a conference call with UC Berkeley regarding a request for drayage truck data.
- **June 7, 2019:** Staff participated in a meeting with Sysco to discuss funding opportunities for truck projects.
- **June 18, 2019:** Staff participated in a locomotive technology discussion with General Electric.
- **June 25, 2019:** Staff participated in a Port of Oakland event for SSA's newly converted hybrid RTG cranes.

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. This quarter, staff submitted a semi-annual GMP report.

Other Programs and Special Projects:

- **AC Transit Hydrogen Fuel Cell Bus Project** – Funding for this Project is provided by CARB for an initiative aimed at using cap-and-trade dollars to reduce greenhouse gas emissions in disadvantaged communities. The Air District awarded an additional \$1M for AC Transit 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 13 meetings with Project partners to discuss Project progress. As of July 31, 2019, nine of the 10 project buses were received by AC Transit.
- **Goodwill Electric Bus 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 and will test the viability of deploying a fleet of electric delivery trucks in the Bay Area and ultimately provide a model to electrify Goodwill's truck fleet across the nation. As of October 2018, all 11 Project vehicles had been delivered to Goodwill for testing. This quarter, staff continued to host biweekly

meetings with Project partners to discuss Project progress and made a site visit to a facility where Project vehicles were being assessed for repairs.

- **Zero-Emission Hydrogen Ferry Demonstration Project** – This Project, funded by CARB and administered by the Air District, will demonstrate the advantages of hydrogen fuel cells for use in the commercial maritime industry by deploying a zero-emission hydrogen ferry in San Francisco Bay. Construction on the ferry started in November 2018 and is expected to be completed in September 2019. This quarter, staff hosted three meetings with the grantee and Project partners to discuss Project progress, including a change to the ferry ownership, which was ultimately approved and executed by an amendment. Staff also submitted two disbursement requests to CARB, one for \$360,409, which has been received by the Air District and the other for \$50,000.
- **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. A solicitation was conducted from February to June 2019. During this quarter, staff conducted four pre-application webinars, hosted a meeting with EVgo to discuss potential projects at the Oakland International Airport, and submitted a progress report to the grant fund administrator. While the Program is oversubscribed, applications continue to be accepted and eligible projects will be placed on a contingency list.
- **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. As of June 24, 2019, 1,101 applications have been received, approximately 50 of which were received this quarter. For this cycle, a total of \$546,942 in funding has been encumbered, 813 projects have been paid, 72 are active and in progress, 6 are under review, and seven have pending payment requests. 813 projects have been either withdrawn by the applicant or rejected by the Air District for not meeting program requirements. Staff continues to coordinate with Trinity Technology Group to discuss and implement improvements to the online application system.

Grant Programs in Development:

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 air district will be administering VW Program funding, with 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, staff's efforts were focused on program development: weekly meetings were held with GreenInfo Network, the website developer, and with Fluxx Labs, the provider of grants management systems as a service; and staff also participated in coordination meetings with the other administering air districts and CARB. Six in-person stakeholder workgroup meetings were held throughout the State in April and May, in Sacramento, Fresno, Diamond Bar, Redding, San Diego, and at the San

Francisco Air District Headquarters. Solicitations for VW funding are anticipated to open in phases beginning in the Fourth Quarter of 2019.

Other SID Meetings and Events:

- **April 15, 2019:** Staff hosted a conference call with Caltrans to discuss funding opportunities to convert a diesel ferry to zero-emission.
- **April 19, 2019:** Staff attended the Grand Opening of BYD's Bay Area Service Center in San Carlos.
- **April 22, 2019 – April 26, 2019:** Staff attended the Advanced Clean Transportation Expo in Long Beach.
- **April 30, 2019:** Staff attended CALSTART's webinar on the "Global Commercial Vehicle Drive to Zero Program: Transforming the Medium- and Heavy-Duty Vehicle Sector on a Global Scale."
- **May 1, 2019:** Staff presented on the Air District's grant funding opportunities for transit buses to the Transit Finance Workgroup Meeting organized by MTC.
- **May 2, 2019:** Staff met with Freewire to discuss emerging technologies in electrification and funding opportunities.
- **May 8, 2019, May 9, 2019, and May 13, 2019:** Staff met with VTA, Union City, and San Francisco Municipal Transportation Agency to discuss funding opportunities for charging infrastructure for electric transit buses.
- **May 23, 2019:** Staff hosted a conference call meeting with Fluxx Labs to discuss a grants management system for all Air District grant programs.
- **May 28, 2019:** Staff attended a conference call meeting with AC Transit to learn about their progress on deploying hydrogen buses and refueling stations.
- **June 18, 2019:** Staff participated in a Division All-Hands meeting to discuss program updates and welcome new staff members.
- **June 25, 2019:** Staff met with Adomani to discuss zero-emission vehicles.
- **June 25, 2019:** Staff hosted a conference call with Golden Gate Zero Emission Marine and Crowley to discuss funding opportunities for a potential tugboat fuel-cell repower project.
- **June 25, 2019 – June 28, 2019:** Staff presented on the Air District's Diesel Free by '33 initiative at the Air & Waste Management Association annual conference in Quebec City, Canada.

**METEOROLOGY, MEASUREMENT & RULES DIVISION
W. KINO, DEPUTY AIR POLLUTION CONTROL OFFICER**

Air Quality

During the second quarter of 2019, there were three days with exceedances of the national 8-hour 70 ppb ozone standard. Four Spare the Air alerts were called (June 9, 2019, June 10, 2019, June 11, 2019 and June 12, 2019). Multiple sites exceeded the national 8-hour ozone standard on Monday, June 10, 2019, and Tuesday, June 11, 2019, while only Livermore exceeded the national standard on Wednesday, June 12, 2019. During the period from June 9, 2019 – June 12, 2019, light winds and strong high pressure caused temperatures to reach the 90s throughout most of the Bay Area, with 100°F or higher occurring on Monday, June 10, 2019, at San Francisco, San Jose, and Livermore.

Ambient Air Quality Analysis Group

Staff completed and submitted to EPA the annual certification of the 2018 regulatory air monitoring data.

Staff completed recruitment with the Human Resources office and filled two Principal Air Quality Specialist positions during the second quarter.

Staff led the continuation of the AB 617 Richmond/San Pablo Monitoring Plan development process in coordination with the Community Engagement office. Staff assisted the project co-lead team and the Steering Committee in identifying sources or areas of concern and desired actions that would benefit from additional air quality data. Staff also continued technical coordination with CARB community grantees.

Air Monitoring

Thirty-one air monitoring sites were operational from April through July 2019. Work continued on securing and developing a refinery community monitoring site in Benicia as well as a replacement for the current Livermore site which is scheduled for development by the property owner.

Air Monitoring staff participated as technical experts at Richmond-San Pablo Steering Committee and co-lead meetings as part of the AB617 Richmond monitoring plan development process. Staff continued work on a collocation study involving a variety of particulate matter instruments designed to evaluate the difference in performance between the different measurement technologies. Work continued on the development of the Proton Transfer Reaction Mass Spectrometer (PTR-MS) van and other analytical methods to expand community level air quality characterization capabilities.

Quentin Malloy was hired as a Principal Air Quality Instrument Specialist in the Air Monitoring Section. A recruitment for two Senior Air Quality Instrument Specialists was started during the Second Quarter and is expected to be completed early Third Quarter.

Performance Evaluation

The Performance Evaluation (PE) Section conducted EPA-mandated performance audits at 27 Air District air monitoring stations, verifying 76 separate parameters during the Second Quarter of 2019. All gas analyzers and particulate samplers were found to be operating within the Air District's established accuracy limits. The National Air Quality System Database was updated with all audit results.

Ground-Level Monitoring (GLM) audits of Hydrogen Sulfide (H₂S) and Sulfur Dioxide (SO₂) analyzers were conducted at the Valero, Shell and Phillips 66 Refineries. Audits were performed at 13 GLM locations; 21 gas analyzers were tested. All GLM gas analyzers tested met the Air District's performance evaluation (audit) criteria.

Regular departmental duties continued, including: audits, report processing and review; database management; equipment testing and maintenance.

Source Test

The Source Test (ST) Section continued evaluations and acquisition of new measurement technologies and developed test procedures relevant to AB 617, Rule 11-18 and emission inventory improvement. ST staff provided advice to the Rules Section on development of new rules. ST staff attended workgroup meetings, began the process of taking over oversight of the Regulation 12-15 fence line monitoring programs and continued work on draft revisions to the Manual of Procedures Volumes IV and V. ST staff continued to provide advice, data interpretation and field observation on the Refinery Heavy Liquids Study, including coordination and logistical meetings with refinery representatives. The Source Test Section continued to provide ongoing advice and guidance to Engineering and Compliance & Enforcement on emission data interpretation, permit development and recommendations for further evaluation indicating potential violations.

Efforts to fill vacancies and workload gaps proceeded, including discussions regarding prioritization. ST staff continued to work on reorganization and training tasks.

Routine Source Test Sections duties continued which include:

- Performance of CEM Field Accuracy Tests on monitors installed at large source emission points.
- Performance of source tests to determine emissions of precursor organic compounds, filterable and condensable particulate matter and toxic air contaminants.
- Performance of tests to assess the compliance status of gasoline cargo tanks, gasoline dispensing facilities, gasoline terminal loading and vapor recovery systems.
- Evaluation of independent contractor conducted source tests to determine report acceptability and source compliance.
- Evaluation of CEMS installations and ongoing compliance, including monitoring plan review and approval.

Laboratory

The laboratory continues to perform its ongoing, routine analyses related to Air Monitoring activities.

In addition to regularly scheduled samples, the laboratory performed analyses of filters in support of an ambient monitoring development project at San Luis Obispo County Air Pollution Control District and performed other analyses in support of Compliance & Enforcement and Source Test actions.

STATISTICS

STATISTICS			
<u>Administrative Services:</u>		<u>Compliance Assistance and Operations Program:</u>	
Accounting/Purchasing/Comm.		Asbestos Plans Received	1969
General Checks Issued	1619	Coating and other Petitions Evaluated	8
Purchase Orders Issued	578	Open Burn Notifications Received	276
Checks/Credit Cards Processed	5066	Prescribed Burn Plans Evaluate	7
Contracts Completed	143	Tank/Soil Removal Notifications Received	19
RFP/RFQ	5	Compliance Assistance Inquiries Received	47
		Green Business Reviews	3
<u>Executive Office:</u>		Refinery Flare Notifications	13
Air Pollution Control Officer's Meetings Attended	168		
Board Meetings Held	4	<u>Compliance Assurance Program:</u>	
Committee Meetings Held	12	Industrial Inspections Conducted	1902
Advisory Council Meetings Held	0	Gas Station Inspection Conducted	184
Hearing Board Meetings Held	2	Asbestos Inspections Conducted	613
Variances Received	1	Open Burning Inspections Conducted	18
		PERP Inspections Conducted	108
<u>Information Systems:</u>		Mobile Source Inspections	0
New Installation Completed	29	Grant Inspections Conducted	186
PC Upgrades Completed	9		
Service Calls Completed	1163	<u>Engineering Division:</u>	
		Annual Update Packages Completed	901
<u>Human Resources:</u>		New Applications Received	274
Manager/Employee Consultation (Hrs.)	350	Authorities to Construct Issued	168
Management Projects (Hrs.)	400	Permits to Operate Issued (New and Modified)	204
Employee/Benefit Transaction	500	Permit Exemptions (Entire application deemed exempt)	6
Training Sessions Conducted	7	New Facilities Added	91
Applications Processed	645	Registrations (New)	19
Exams Conducted	10	Health Risk Assessments (HRA)	87
New Hires	28	Regular Employees Staffed	60
Promotions	22	Position Vacancies	11
Separations	6	Temporary Employees Staffed	6
Payroll Administration (Hrs.)	800	Interns Staffed	1
Safety Administration	150		
Inquiries	4000	<u>Communications and Public Information:</u>	
		Responses to Media Inquires	121
<u>Facility/Vehicle:</u>		Events Staffed with Air District Booth	47
Request for Facility Service	81		
Vehicle Request(s)	371	<u>Community Engagement:</u>	
Vehicle Maintenance Request(s)	54	Presentations Made	56
		Visitors	14
		Air District Tours	4
		Community Meetings Attended	45

STATISTICS (continued)			
Compliance and Enforcement Division:		2nd Quarter 2019 Agricultural Burn Days	
Enforcement Program		April - June Permissive Burn Days-North	75
Violations Resulting in Notices of Violations	187	April - June No-Burn Days-North	16
Violations Resulting in Notice to Comply	0	April - June Permissive Burn Days-South	76
New Hearing Board Cases Reviewed	2	April - June No-Burn Days-South	15
Reportable Compliance Activity Investigated	78	April - June Permissive Burn Days-Coastal	73
General Complaints Investigated	818	April - June No Burn Days-Coastal	18
Wood Smoke Complaints Received	119		
Mobile Source Violations	0	Laboratory	
		Sample Analyzed	1777
Meteorology Measurements & Rules:		Inter-Laboratory Analyses	0
2nd Quarter 2019 Ambient Air Monitoring			
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	0	Technical Library	
Days Exceeding Nat'l 24-Hour PM ₁₀ Std.	0	Titles Indexed/Cataloged	0
Days Exceeding State 24-Hour PM ₁₀ Std.	0	Periodicals Received/Routed	0
Days Exceeding the Nat'l 8-Hour Ozone Std.	3		
Days Exceeding the State 1-Hour Ozone Std.	3	Source Test	
Days Exceeding the State 8-Hour Ozone Std.	3	Cargo Tank Tests Performed	0
		Total Source Tests	34
Ozone Totals, Year to Date 2019		Pending Source Tests	0
Days Exceeding State 1-Hour Ozone Std.	3	Further Evaluation Notices Recommended	9
Days Exceeding Nat'l 8-Hour Ozone Std.	3	Contractor Source Tests Reviewed	4,360
Days Exceeding State 8-Hour Ozone Std.	3	Outside Test Observed	23
		Further Evaluation Notices Recommended After Review	7
Particulate Totals, Year to Date 2019			
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	0	Continuous Emissions Monitoring (CEM)	
Days Exceeding Nat'l 24-Hour PM ₁₀ Std.	0		
Days Exceeding State 24-Hour PM ₁₀ Std.	0	Indicated Excess Emission Report Eval.	43
		Monthly CEM Reports Reviewed	113
PM_{2.5} Winter Season Totals for 2019 - 2020		Indicated Excesses from CEM	34
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	14	Field Accuracy Test Performed	3
		Ground Level Monitoring (GLM)	
		April - June Ground Level Monitoring SO ₂ Excess Reports	0
		April - June Ground Level Monitoring H ₂ S Excess Reports	8

These facilities have received one or more Notices of Violations
Report period: April 1, 2019 – June 30, 2019

Alameda County				
Status Date	Site #	Site Name	City	Regulation Title
5/17/2019	M9234	City of Alameda, Alameda Fire Dept	Alameda	Failure to Meet Permit Conditions
4/8/2019	Z6015	SFD	Berkeley	Asbestos; Written Plan or Notification
5/9/2019	B2741	Modern Coffee Enterprises Inc	Emeryville	Failure to Meet Permit Conditions
4/3/2019	A8391	Western Digital Corporation	Fremont	Failure to Meet Permit Conditions
5/9/2019	A1438	Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
5/9/2019	A1438	Tesla, Inc	Fremont	Compliance With Material Representations Made In Connection With Permit Applications
5/9/2019	A1438	Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
5/9/2019	A1438	Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
5/9/2019	A1438	Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
6/18/2019	Z6327	SFD	Fremont	Asbestos; On-Site Representative
6/18/2019	Z6327	SFD	Fremont	Asbestos Containing Waste Disposal
5/15/2019	A1009	Hayward Waste Water Treatment Plant	Hayward	Failure to Meet Permit Conditions
4/10/2019	A0255	Lawrence Livermore National Laboratory	Livermore	Asbestos; Schedule Changes and Updates
5/3/2019	A5095	Republic Services Vasco Road, LLC	Livermore	Failure to Meet Permit Conditions
5/3/2019	A5095	Republic Services Vasco Road, LLC	Livermore	Failure to Meet Permit Conditions
6/20/2019	A1559	Sanmina - SCI	Newark	Failure to Meet Permit Conditions
6/20/2019	A1559	Sanmina - SCI	Newark	Surface Preparation Standards
4/8/2019	B9269	West Lake Christian Terrace	Oakland	Asbestos; Written Plan or Notification
4/10/2019	Z5404	Brooklyn Basin	Oakland	No Authority to Construct
4/10/2019	Z5404	Brooklyn Basin	Oakland	No Permit to Operate
4/15/2019	Z6034	Homeowner	Oakland	Asbestos; Written Plan or Notification
4/15/2019	C8043	C A R Service	Oakland	Failure to Meet Permit Conditions
4/19/2019	Z6058	SFD	Oakland	Asbestos; Written Plan or Notification
4/23/2019	Z6083	Shivjoti Rani	Oakland	Asbestos; Written Plan or Notification
4/24/2019	Z6095	SFD	Oakland	Asbestos; Written Plan or Notification
5/2/2019	Z6127	SFD	Oakland	Asbestos; Written Plan or Notification
5/6/2019	A0591	East Bay Municipal Utility District	Oakland	Non-Compliance; Major Facility Review
5/9/2019	Z6169	Zarsion/Signature Development	Oakland	No Authority to Construct
5/9/2019	Z6169	Zarsion/Signature Development	Oakland	No Permit to Operate
5/14/2019	Z6236	SFD	Oakland	Asbestos; Written Plan or Notification
5/17/2019	Z6201	Jonathan Fearn	Oakland	Asbestos; Written Plan or Notification
5/17/2019	Z6202	Tony Star Gas	Oakland	GDF Phase II Equipment Not Maintained
5/17/2019	Z6202	Tony Star Gas	Oakland	All Phase I vapor recovery systems shall be equipped with a submerged fill pipe
5/28/2019	Z6222	Carol Clemons	Oakland	Asbestos; Written Plan or Notification
5/31/2019	Z6249	N/A	Oakland	Asbestos; Written Plan or Notification
6/12/2019	Z6302	Commercial	Pleasanton	Asbestos; Schedule Changes and Updates
6/25/2019	Z6351	Com	San Leandro	Asbestos Containing Waste Disposal
Contra Costa County				
Status Date	Site #	Site Name	City	Regulation Title
4/15/2019	Z6038	Berkeley Ready Mix Services	Antioch	No Authority to Construct
4/15/2019	Z6038	Berkeley Ready Mix Services	Antioch	No Permit to Operate
6/24/2019	Z6352	N/A	Antioch	Asbestos; Schedule Changes and Updates
6/27/2019	Z6338	SFD	Concord	Asbestos; Written Plan or Notification
6/10/2019	Z6286	N/A	Diablo	Asbestos; Written Plan or Notification
4/11/2019	B2758	Tesoro Refining & Marketing Company, LLC	Martinez	Standards for New Stationary Sources
4/19/2019	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
4/19/2019	A0011	Shell Martinez Refinery	Martinez	Non-Compliance; Major Facility Review
4/19/2019	A0011	Shell Martinez Refinery	Martinez	Standards for New Stationary Sources
5/2/2019	Z6130	Fast Stop	Martinez	No Authority to Construct
5/2/2019	Z6130	Fast Stop	Martinez	No Permit to Operate
5/3/2019	B2758	Tesoro Refining & Marketing Company, LLC	Martinez	Valve Leaks Discovered by APCO must be repaired within 24 hrs
5/29/2019	B0639	Right Away Redy Mix	Martinez	No Permit to Operate
6/5/2019	Z6260	Five Star Gas & Groceries	Martinez	GDF Phase I Equipment Not Maintained
6/5/2019	Z6260	Five Star Gas & Groceries	Martinez	Operating Practices: Disposal of Gasoline
6/13/2019	A0011	Shell Martinez Refinery	Martinez	Standards for New Stationary Sources
6/13/2019	A0011	Shell Martinez Refinery	Martinez	Standards for New Stationary Sources
6/25/2019	A0011	Shell Martinez Refinery	Martinez	Limitations on Hydrogen Sulfide
6/25/2019	A0011	Shell Martinez Refinery	Martinez	Limitations on Hydrogen Sulfide
6/25/2019	A0011	Shell Martinez Refinery	Martinez	Limitations on Hydrogen Sulfide
6/25/2019	A0011	Shell Martinez Refinery	Martinez	Limitations on Hydrogen Sulfide
6/25/2019	A0011	Shell Martinez Refinery	Martinez	Limitations on Hydrogen Sulfide
6/25/2019	A0011	Shell Martinez Refinery	Martinez	Limitations on Hydrogen Sulfide
4/22/2019	Z6069	William Wu	Oakley	Asbestos; Written Plan or Notification
4/22/2019	Z6069	William Wu	Oakley	Asbestos; Written Plan or Notification

These facilities have received one or more Notices of Violations
Report period: April 1, 2019 – June 30, 2019
(continued)

Contra Costa County (cont.)				
Status Date	Site #	Site Name	City	Regulation Title
4/29/2019	Z6119	N/a	Pittsburg	Asbestos; Schedule Changes and Updates
6/12/2019	B1866	Los Medanos Energy Center	Pittsburg	Continuous Emission Monitoring and Recordkeeping
4/10/2019	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
4/10/2019	A0010	Chevron Products Company	Richmond	Emission Limitations for Sulfur Recovery Plants
4/10/2019	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
4/10/2019	A0010	Chevron Products Company	Richmond	Identification: Valves, PRD, Pumps, Compressors, Connectors
4/10/2019	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
4/10/2019	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
4/10/2019	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
4/10/2019	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
4/29/2019	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
4/29/2019	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
5/30/2019	A0927	AAK USA Richmond Corp	Richmond	Final Emission Limits; 20 to <75
6/5/2019	Z6261	Wilson Elementary School	Richmond	Asbestos; Schedule Changes and Updates
6/19/2019	A0093	Safeway Stores Inc, Bakery Plant	Richmond	Failure to Meet Permit Conditions
6/20/2019	Z6048	SFD	Richmond	Asbestos; Written Plan or Notification
6/27/2019	A0010	Chevron Products Company	Richmond	Continuous Emission Monitoring and Recordkeeping
6/27/2019	A0010	Chevron Products Company	Richmond	Inspection, Abatement Efficiency Determination and Source Test Reports
6/27/2019	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
6/27/2019	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
6/27/2019	A0010	Chevron Products Company	Richmond	Public Nuisance
4/8/2019	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Non-Compliance; Major Facility Review
4/11/2019	B9653	Pinole Rodeo Auto Wreckers	Rodeo	No Authority to Construct
4/11/2019	B9653	Pinole Rodeo Auto Wreckers	Rodeo	No Permit to Operate
4/18/2019	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Standards for New Stationary Sources
5/1/2019	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Non-Compliance; Major Facility Review
5/20/2019	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Standards for New Stationary Sources
6/25/2019	A0022	Phillips 66 Carbon Plant	Rodeo	Non-Compliance; Major Facility Review
Marin County				
Status Date	Site #	Site Name	City	Regulation Title
5/8/2019	W9824	Gas and Shop	San Anselmo	GDF Phase II Equipment Not Maintained
5/8/2019	W9824	Gas and Shop	San Anselmo	No Authority to Construct
5/8/2019	W9824	Gas and Shop	San Anselmo	GDF Standard Phase II CARB Certified Requirement
5/8/2019	W9824	Gas and Shop	San Anselmo	All Phase II vapor recovery equipment leak free and vapor tight
5/14/2019	Y4124	China Camp State Park	San Rafael	Failure to Meet Permit Conditions
6/4/2019	Z6252	N/A	San Rafael	Asbestos; Schedule Changes and Updates
6/5/2019	Z6272	SFD	Sausalito	Asbestos; Written Plan or Notification
6/5/2019	Z6272	SFD	Sausalito	Demolition, Renovation, and Removal Requirement
Napa County				
Status Date	Site #	Site Name	City	Regulation Title
5/6/2019	Z6160	Beaulieu Garden	Saint Helena	No Permit to Operate
5/6/2019	Z6160	Beaulieu Garden	Saint Helena	No Pressure Vacuum on Storage Tanks
5/6/2019	Z6160	Beaulieu Garden	Saint Helena	Phase I Requirements
5/6/2019	Z6148	Beaulieu Garden	Saint Helena	GDF Phase I Requirement
San Francisco County				
Status Date	Site #	Site Name	City	Regulation Title
4/5/2019	A0568	San Francisco South East Treatment Plant	San Francisco	Failure to Meet Permit Conditions
4/5/2019	Z6010	Herc Rentals	San Francisco	Failure to Meet Permit Conditions
4/16/2019	Z0791	Unocal 5458	San Francisco	GDF Phase I Equipment Not Maintained
5/30/2019	A4116	San Francisco Public Utilities Commission	San Francisco	Failure to Meet Permit Conditions
San Mateo County				
Status Date	Site #	Site Name	City	Regulation Title
5/6/2019	Z6157	SFD	Burlingame	Asbestos; Written Plan or Notification
4/11/2019	A8691	ARCO Products Company	Daly City	Failure to Meet Permit Conditions
4/3/2019	Z6001	Guardant Health Inc.	Redwood City	Failure to Meet Permit Conditions
4/3/2019	Y6839	Leahy Square Apartments	Redwood City	Asbestos Containing Waste Disposal

These facilities have received one or more Notices of Violations
Report period: April 1, 2019 – June 30, 2019
(continued)

San Mateo County (cont.)				
Status Date	Site #	Site Name	City	Regulation Title
4/3/2019	Y6839	Leahy Square Apartments	Redwood City	Asbestos; Written Plan or Notification
4/3/2019	Y6839	Leahy Square Apartments	Redwood City	Asbestos; On-Site Representative
4/3/2019	Y6839	Leahy Square Apartments	Redwood City	Asbestos Waste Disposal
4/3/2019	Y6839	Leahy Square Apartments	Redwood City	Asbestos Waste Disposal
4/11/2019	A1534	Silicon Valley Clean Water	Redwood City	Emission Limits - Lean Burn Engines NOx emissions shall not exceed 140ppmv
4/11/2019	A1534	Silicon Valley Clean Water	Redwood City	Failure to Meet Permit Conditions
4/24/2019	A5161	VKK Signmakers, Inc	Redwood City	No Authority to Construct
4/24/2019	A5161	VKK Signmakers, Inc	Redwood City	No Permit to Operate
6/4/2019	A7006	Maldonado's Auto Body & Paint	Redwood City	No Permit to Operate
5/14/2019	Z6189	N/A	San Carlos	Standards for New Stationary Sources
5/31/2019	Z6247	SFIA Maintenance Fueling Facility	San Francisco	Failure to Meet Permit Conditions
6/11/2019	Y4473	San Mateo Union High Schl Dist	San Mateo	Asbestos; Schedule Changes and Updates
6/6/2019	Z6288	N/A	South San Francisco	Asbestos; Containment Requirement
Santa Clara County				
Status Date	Site #	Site Name	City	Regulation Title
6/11/2019	Z6335	Monkey Shine Car Wash	Campbell	Asbestos; Schedule Changes and Updates
6/3/2019	A0017	Lehigh Southwest Cement Company	Cupertino	Opacity Limitation
4/5/2019	B0379	EZ Cleaner & Shoe Repair	Los Gatos	Registration of Equipment Required
5/1/2019	Z6124	Jacklin Shell	Milpitas	GDF Phase I Requirement
5/1/2019	Z6124	Jacklin Shell	Milpitas	GDF Phase I Equipment Not Maintained
5/6/2019	A9013	International Disposal Corp of CA	Milpitas	Wellhead Requirements; operate under a vacuum (negative pressure)
5/6/2019	A9013	International Disposal Corp of CA	Milpitas	Standards for New Stationary Sources
5/13/2019	A9013	International Disposal Corp of CA	Milpitas	Wellhead Requirements; operate under a vacuum (negative pressure)
5/13/2019	A9013	International Disposal Corp of CA	Milpitas	Standards for New Stationary Sources
5/13/2019	A9013	International Disposal Corp of CA	Milpitas	Landfill Emission Control System Requirement
5/13/2019	A9013	International Disposal Corp of CA	Milpitas	Landfill Surface Requirements
5/13/2019	A9013	International Disposal Corp of CA	Milpitas	Standards for New Stationary Sources
6/10/2019	A9013	International Disposal Corp of CA	Milpitas	Non-Compliance; Major Facility Review
6/10/2019	A9013	International Disposal Corp of CA	Milpitas	Non-Compliance; Major Facility Review
4/3/2019	Z2495	San Jose Country Club	San Jose	Failure to Meet Permit Conditions
4/19/2019	Z6059	Chevron	San Jose	Failure to Meet Permit Conditions
5/7/2019	A0049	Chevron Products Company	San Jose	Gasoline Bulk Terminals/Cargo Tanks Requirements; Vapor Tight Requirement
5/7/2019	A0064	Equilon Enterprises LLC-San Jose Terminal	San Jose	Gasoline Bulk Terminals/Cargo Tanks Requirements; Vapor Tight Requirement
5/16/2019	A0475	Santa Clara Valley Health & Hospital System	San Jose	Periodic Testing
5/20/2019	Z6219	Gas N' Go	San Jose	GDF Phase I Requirement
5/20/2019	Z6219	Gas N' Go	San Jose	Failure to Meet Permit Conditions
5/28/2019	B2803	Joe's Custom Finishing	San Jose	Wood Coating; Custom Furniture Limits
6/4/2019	Z6255	School	San Jose	Asbestos; Containment Requirement
6/10/2019	C9217	American Gas & Oil Corporation	San Jose	GDF Record Keeping Requirements
6/20/2019	C9237	Happy Hollow Park - Dragon Ride Gas Tank	San Jose	Failure to Meet Permit Conditions
6/27/2019	V9914	Chevron #9-5771	San Jose	GDF Phase II Equipment Not Maintained
6/27/2019	V9914	Chevron #9-5771	San Jose	All Phase I vapor recovery systems shall be equipped with a submerged fill pipe
6/17/2019	E1843	CordeValle Resort	San Martin	Failure to Meet Permit Conditions
5/29/2019	Z6312	SFD	Santa Clara	Asbestos; Written Plan or Notification
5/30/2019	A0621	City of Santa Clara	Santa Clara	Non-Compliance; Major Facility Review
5/30/2019	A0621	City of Santa Clara	Santa Clara	Non-Compliance; Major Facility Review
4/3/2019	A2059	Fujitsu Technology and Business of America, II	Sunnyvale	No Authority to Construct
4/3/2019	A2059	Fujitsu Technology and Business of America, II	Sunnyvale	No Permit to Operate
4/15/2019	A0733	City of Sunnyvale Water Pollution Control	Sunnyvale	Non-Compliance; Major Facility Review
4/17/2019	Z6043	None	Sunnyvale	Asbestos; Schedule Changes and Updates
5/9/2019	A0055	Lockheed Martin Corporation	Sunnyvale	Failure to Meet Permit Conditions
6/20/2019	A0733	City of Sunnyvale Water Pollution Control	Sunnyvale	Non-Compliance; Major Facility Review
6/20/2019	A0733	City of Sunnyvale Water Pollution Control	Sunnyvale	Parametric Monitoring and Recordkeeping Procedures
6/20/2019	A0733	City of Sunnyvale Water Pollution Control	Sunnyvale	Parametric Monitoring and Recordkeeping Procedures
6/20/2019	A0733	City of Sunnyvale Water Pollution Control	Sunnyvale	Non-Compliance; Major Facility Review
6/20/2019	A0733	City of Sunnyvale Water Pollution Control	Sunnyvale	Parametric Monitoring and Recordkeeping Procedures
6/20/2019	A0733	City of Sunnyvale Water Pollution Control	Sunnyvale	Parametric Monitoring and Recordkeeping Procedures

These facilities have received one or more Notices of Violations
Report period: April 1, 2019 – June 30, 2019
(continued)

Solano County				
Status Date	Site #	Site Name	City	Regulation Title
4/24/2019	B2626	Valero Refining Company - California	Benicia	Not Gas Tight
6/13/2019	B2626	Valero Refining Company - California	Benicia	Continuous Emission Monitoring and Recordkeeping
6/13/2019	B2626	Valero Refining Company - California	Benicia	Non-Compliance; Major Facility Review
6/13/2019	B2626	Valero Refining Company - California	Benicia	Non-Compliance; Major Facility Review
6/13/2019	B2626	Valero Refining Company - California	Benicia	Continuous Emission Monitoring and Recordkeeping
6/13/2019	B2626	Valero Refining Company - California	Benicia	Non-Compliance; Major Facility Review
6/13/2019	B2626	Valero Refining Company - California	Benicia	Emission Limitations for Sulfur Recovery Plants
4/2/2019	F1511	Schefski Jack	Vallejo	Asbestos; Schedule Changes and Updates
4/18/2019	Z6128	Silicon Valley Shell	Vallejo	Failure to Meet Permit Conditions
4/29/2019	Z6112	Chevron	Vallejo	No Permit to Operate
Sonoma County				
Status Date	Site #	Site Name	City	Regulation Title
4/10/2019	A1941	Sonoma Developmental Center	Eldridge	Final Emission Limits; 10 to <20
4/10/2019	A1941	Sonoma Developmental Center	Eldridge	Final Emission Limits; 10 to <20
4/10/2019	A1941	Sonoma Developmental Center	Eldridge	Final Emission Limits; 10 to <20
6/4/2019	Z6253	Cheveron #307243	Petaluma	Failure to Meet Permit Conditions
5/20/2019	Z6221	Jaime Hernandez	Santa Rosa	Prohibition of Fires: No Ignition
5/30/2019	Z6242	SFD	Santa Rosa	Prohibition of Fires: No Ignition
6/27/2019	A1641	BoDean Company Inc	Santa Rosa	Failure to Meet Permit Conditions
4/15/2019	Z6031	SFD	Sebastopol	Prohibition of Fires: No Ignition
5/14/2019	Z6187	Owner	Windsor	Asbestos; Written Plan or Notification
Yolo County				
Status Date	Site #	Site Name	City	Regulation Title
5/22/2019	Y8346	KAG West	West Sacramento	Gasoline Bulk Terminals/Cargo Tanks Requirements; Vapor Tight Requirement

Closed Notice of Violations with Penalties by County
April 1, 2019 – June 30, 2019

Alameda				
Site Name	Site #	City	Penalty Amount	# of Violations
ABE Petroleum - Olympic Oil	Z4600	Hayward	\$2,250	2
American Tech	Z5878	Hayward	\$100	1
Arco #1319	Z5652	Hayward	\$500	1
ARCO Facility #00498	Z4615	Livermore	\$1,250	1
Berkeley Farms Inc	B1596	Hayward	\$5,000	1
City of Emeryville	Z4776	Emeryville	\$2,000	2
Compass Container Group Inc	E0606	Oakland	\$125	1
Concrete Wall Sawing Company	Z5943	San Lorenzo	\$500	1
Cottrell Smith	Z5665	Oakland	\$100	1
David Pheng	Z5670	Sunol	\$100	1
East Bay Regional Park District	B5995	Livermore	\$300	1
Faizan Corporation DBA Lewelling ARCO	Z5481	San Leandro	\$3,000	3
fg Cabinets & Trim	E3911	Livermore	\$600	2
Gettler-Ryan	L8284	Dublin	\$750	1
Grafco Station	V4062	Livermore	\$750	1
Grand Petroleum Inc	Z5460	Hayward	\$250	1
Great Gas and Food	Z5774	Livermore	\$750	1
Green Petroleum LLC	Z4365	Livermore	\$2,500	4
Lakeshore Chevron	Z5864	Oakland	\$500	1
Monument Gas	Z4945	San Leandro	\$500	1
P.W. Stephens Environmental, Inc.	Z3449	Hayward	\$750	1
P.W. Stephens Environmental, Inc	Z0961	Hayward	\$1,000	1
Peet's Coffee and Tea Inc	B7456	Alameda	\$2,500	1
Rangr Studio	Z5961	Berkeley	\$750	1
Restoration Management	Z4099	Hayward	\$28,000	4
Restoration MGMT Co.	Z4080	Oakland	\$4,000	1
SFD	Z5877	Oakland	\$100	1
SFD	Z5960	Hayward	\$100	1
Sohal Oil #2	V6857	San Leandro	\$250	1
Southeast Hazard Control Inc.	Z4342	San Leandro	\$10,000	2
Southwest Hazard Control, Inc	G2514	San Leandro	\$250	1
Synergy Enterprises Inc.	Z3988	Hayward	\$250	1
Tesla, Inc	A1438	Fremont	\$164,108	4
The Bridges Golf Club	Z5946	San Ramon	\$2,000	1
Triangle Coatings, Inc	E3991	Livermore	\$2,500	2
Unocal	Z5561	Oakland	\$500	1
Unocal SS #3292 (Harbans Singh)	Z4765	San Leandro	\$1,000	1
Valero Marketing and Supply Company	B7076	Hayward	\$2,000	1
VEM General Engineering Inc	Z5893	Hayward	\$500	1
Alameda, Total Violations Closed:				55

Closed Notice of Violations with Penalties by County
April 1, 2019 – June 30, 2019
(continued)

Contra Costa				
Site Name	Site #	City	Penalty Amount	# of Violations
Agustin G. Martinez	Z6068	Antioch	\$150	1
All Star Gasoline	X2082	Concord	\$750	1
All Star Gasoline	Z4269	Concord	\$750	1
ARCO Facility #6526	V5932	Pittsburg	\$1,250	1
Arco S/S Montes	J4404	Pleasant Hill	\$500	1
Bhalla's Gas and Auto	Z2594	Antioch	\$1,500	1
Big House Beans	E3777	Antioch	\$1,000	1
California Autism Foundation	Z4785	Richmond	\$1,500	2
Conoco Phillips #2611152	Z5533	San Pablo	\$500	1
Contra Coast Country Club	Z3858	Pleasant Hill	\$650	2
Corteva Agriscience - Pittsburg Operations	A0031	Pittsburg	\$33,000	1
Dahl-Beck Electric	A7668	Richmond	\$5,000	2
El Sobrante Fuels Inc	Z5104	El Sobrante	\$150	1
Four Corners Union 76	Z5675	Concord	\$250	1
Gas City	Z4462	Antioch	\$1,500	1
Grand Petroleum Inc.	Z4381	Concord	\$500	1
Kaiser Antioch Deer Valley	B6855	Antioch	\$1,000	1
Martinez Vallero	Z5792	Martinez	\$250	1
Moraga Valero Gas	Y7923	Moraga	\$1,500	1
NK Gas	Z4265	Antioch	\$1,250	2
One Stop Gas & Mini Mart	Z2634	Richmond	\$750	2
Park Road Holdings, LLC c/o Nearon Enterprises	Z5605	Walnut Creek	\$2,500	1
Pittsburg Shell	Z4465	Pittsburg	\$250	1
Plant Hazardous Services	Y4996	Alamo	\$500	1
Service Master Restoration	Z5541	Concord	\$2,000	1
SFD	Z5698	Danville	\$250	1
Shell Martinez Refinery	A0011	Martinez	\$165,000	16
Sims Metal Management	E3822	Richmond	\$12,000	2
SIMs Metal Management	Y6071	Richmond	\$9,000	1
Willow Pass Exxon	Z5735	Concord	\$250	1
Contra Costa, Total Violations Closed:				51

Closed Notice of Violations with Penalties by County
April 1, 2019 – June 30, 2019
(continued)

Marin				
Site Name	Site #	City	Penalty Amount	# of Violations
Cibo of Sausalito	Y8163	Sausalito	\$500	2
Dan Gillies Construction	Z5755	Kentfield	\$250	1
Gilberto Rojas	Z5407	Novato	\$1,500	2
Golden Gate Bridge & Transit District	A1793	San Rafael	\$2,000	1
Valentine Corporation	Z5065	San Rafael	\$2,500	2
Marin, Total Violations Closed:				8
Napa				
Site Name	Site #	City	Penalty Amount	# of Violations
Beckstofefer Vineyards	Z5601	Rutherford	\$1,000	1
Cal Fire	Z4536	Napa	\$500	1
California Highway Patrol	B1855	Napa	\$1,000	1
Matt Weinert	Z5736	Napa	\$250	1
Redwood Auto Service 76	Z4418	Napa	\$500	1
Silverado Country Club and Resort	Z5323	Napa	\$1,000	1
Napa, Total Violations Closed:				6
San Francisco				
Site Name	Site #	City	Penalty Amount	# of Violations
1919 Crew LLC.	Y3308	San Francisco	\$63,000	10
Best Auto Care Inc	Z4644	San Francisco	\$1,250	1
City & County San Francisco	Y5771	San Francisco	\$1,500	2
Downtown Center Garage	Z5022	San Francisco	\$500	1
NKM Quickserve	Z2349	San Francisco	\$1,000	2
Peter Gong	Z5928	San Francisco	\$1,500	3
Silver Gas	Z5369	San Francisco	\$750	1
William Wu	Z6072	San Francisco	\$150	1
San Francisco, Total Violations Closed:				21
San Mateo				
Site Name	Site #	City	Penalty Amount	# of Violations
A and R Auto Body	Z5376	San Mateo	\$450	2
Cabrillo Unified School District	Z4842	Half Moon Bay	\$250	2
DPR Construction	Z6041	Redwood City	\$750	1
Exel Site Services	Y5101	South San Francisco	\$4,000	3
Granite Excavation and Demolition, Inc	H2115	South San Francisco	\$250	1
Hillside Shell	Y3509	Daly City	\$500	1
Kohlberg Residence	Z5985	Portola Valley	\$7,500	1
Peninsula Hauling & Demolition	Y8779	San Carlos	\$750	1
San Mateo Auto Services	Y4157	San Mateo	\$500	1
Sears, #1478	B6807	San Bruno	\$250	1
San Mateo, Total Violations Closed:				14

Closed Notice of Violations with Penalties by County
April 1, 2019 – June 30, 2019
(continued)

Santa Clara				
Site Name	Site #	City	Penalty Amount	# of Violations
AMI Petroleum	Y2311	San Jose	\$500	1
Armstrong Technology S V Inc	A0914	Sunnyvale	\$750	1
Channing House	A0425	Palo Alto	\$500	1
Chevron	Z4229	San Jose	\$1,500	1
Chevron #4259	Y8355	San Jose	\$1,400	1
City of Sunnyvale Water Pollution Control	A0733	Sunnyvale	\$1,000	1
Conoco Phillips Cupertino	Z5551	Cupertino	\$500	2
ConocoPhillips	Z4561	San Jose	\$350	1
El Camino Hospital	A4272	Mountain View	\$500	1
Good Samaritan Hospital	A0453	San Jose	\$4,500	1
Gyrus ACMI, Inc	B1193	San Jose	\$5,000	1
Hassan Azad	Z5697	San Jose	\$250	1
Intuitive Surgical Inc	Z4818	Sunnyvale	\$7,500	2
Johnny's Custom Autobody	Z5232	Gilroy	\$300	1
Kirby Petroleum Inc	Z5213	Los Gatos	\$1,500	2
Marvell Technology Group, Ltd	B6735	Santa Clara	\$250	1
Milpitas Chevron Station	Z5832	Milpitas	\$2,000	1
Precast Only	E2517	Morgan Hill	\$500	1
Quimby Cleaners	Z5547	San Jose	\$100	1
Signature Flight Support	E2691	Santa Clara	\$2,000	1
SJUSD Corporation Yard	G3729	San Jose	\$1,000	1
Stevens Creek 76	Z2354	San Jose	\$2,000	1
TC Construction	Z5835	San Jose	\$750	1
Tinh Truong	P4004	Sunnyvale	\$750	1
Unocal #5995	Z4585	San Jose	\$1,000	1
Vantage Data Centers Management Co , LLC	A0798	Santa Clara	\$12,500	1
Zero Waste Energy Development Company, LLC	E1277	San Jose	\$37,000	7
Santa Clara, Total Violations Closed:				36
Solano				
Site Name	Site #	City	Penalty Amount	# of Violations
7-Eleven #34158	Z5674	Fairfield	\$125	1
Arco #6095	Z5218	Fairfield	\$250	1
Bonfare Stop N Save dBA Valero	Z4065	Vallejo	\$4,500	5
CALCO	Z5648	Vallejo	\$750	1
Colonial Energy CR 50148	Z5656	Suisun City	\$250	1
Diamond Petroleum Inc dba Marina	Z5741	Suisun City	\$250	1
Fairfield Golfand Ltd	Z5689	Suisun City	\$5,500	2
G&M Oil Company	Z4831	Vallejo	\$4,000	4
Jelly Belly Candy Company	A2168	Fairfield	\$1,000	1
Ramos Oil Co, Inc	A0809	Fairfield	\$64,000	4
Solano County Div of Architectural Service	B8994	Fairfield	\$500	1
Solano County Facilities	B4320	Vallejo	\$1,000	1
Suisun Bay Reserve Fleet	A2042	Benicia	\$2,000	3
Sunset Shell	Z5654	Suisun City	\$500	1
Valero	Y5178	Vallejo	\$1,500	2
Solano, Total Violations Closed:				29

Closed Notice of Violations with Penalties by County
April 1, 2019 – June 30, 2019
(continued)

Sonoma				
Site Name	Site #	City	Penalty Amount	# of Violations
24/7 Gas Service Co.	Z5354	Cotati	\$2,000	2
City of Santa Rosa Utilities Dept	B5047	Santa Rosa	\$2,500	1
CVE NB Contracting Group Inc.	Z5329	Rohnert Park	\$500	1
Mitchell Riedel	Z2334	Santa Rosa	\$500	1
Sonoma, Total Violations Closed:				5
Out of County				
Site Name	Site #	City	Penalty Amount	# of Violations
Carmax	Z4044	Richmond	\$2,500	1
Harvey Anderson	Z5902	Garden City	\$750	1
Hunt & Sons Inc.	Z5803	Sacramento	\$3,000	1
KAG West	Y8346	West Sacramento	\$2,500	1
P.W. Stephens Environmental Inc. - V8638	Y5917	Fresno	\$4,000	1
Reeve Knight Construction	J0776	Roseville	\$1,500	2
TM Demolition, INC.	Y6212	Tracy	\$750	1
Unger Construction Co	X3194	Sacramento	\$1,500	2
Out of County, Total Violations Closed:				10

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Report of the Executive Committee Meeting of September 5, 2019

RECOMMENDED ACTION

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

BACKGROUND

The Committee met on Thursday, September 5, 2019, and received the following reports:

- A) Hearing Board Quarterly Reports: January – March 2019 and April – June 2019;
- B) Bay Area Regional Collaborative (BARC) Update;
- C) Status Update for the Production System Office; and
- D) Summary of the 2019 Summer Spare the Air Program and an Update of the 2019-20 Winter Spare the Air Campaign.

Chairperson Katie Rice will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None;
- B) None;
- C) None; and
- D) Funding for the Spare the Air campaign was included in the 2018-19 and 2019-20 Fiscal Year budgets. Funding for the Winter Spare the Air campaign is included un the 2019-20 Fiscal Year budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

Attachment 10A: 09/05/2019 – Executive Committee Meeting Agenda #4
Attachment 10B: 09/05/2019 – Executive Committee Meeting Agenda #5
Attachment 10C: 09/05/2019 – Executive Committee Meeting Agenda #6
Attachment 10D: 09/05/2019 – Executive Committee Meeting Agenda #7

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Executive Committee

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

Date: August 27, 2019

Re: Hearing Board Quarterly Reports: January – March 2019 and April – June 2019

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

As the most recent Executive Committee meeting was held in March 2019, this report covers the first *and* second calendar quarters (January – March and April – June) of 2019.

During the first calendar quarter of 2019 (January - March), the Hearing Board:

- Held no hearings;
- Processed a total of one order, and
- Collected a total of \$1,321.00 in filing fees

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

Location: San Mateo County, City of Redwood City

Docket: 3713 – Graniterock Company – Request for Emergency Variance

Regulation(s): Regulation 2, Rule 2 (Permits, New Source Review); Sections 403 (Authority to Construct, Preliminary Decision); 406 (Authority to Construct, Final Action); 407 (Issuance, Permit to Operate); and 408 (Permit to Operate, Final Action).

Synopsis: Applicant is a concrete plant with two malfunctioning baghouse abatement devices that sought Emergency Variance to install new abatement equipment without undergoing New Source Review. Water intrusion from recent rains had seeped into Applicant's baghouse abatement devices, A60 and A61, causing failure of the bags by plugging the bag perforations, and causing dust and particulates to be emitted from the sides of the device (not captured by the bags). Water seepage was due to corrosion and cracks in baghouse housing that apparently became bad enough to cause leakage. The abatement devices are unusable. The application to replace these baghouses

was received by the Air District on January 28, 2019, approximately a week before this Emergency Variance application was submitted.

Status: Application for Emergency Variance filed by Applicant on February 7, 2019; District staff response received on February 14, 2019; Hearing Board response received on February 15, 2019; Order Denying Emergency Variance filed on February 19, 2019.

Requested Period of Variance: February 7, 2019 to February 27, 2019

Estimated Excess Emissions: None.

Fees collected this quarter: \$1,321.00.

During the second calendar quarter of 2019 (April - June), the Hearing Board:

- Held a total of two Hearings (Docket No. 3714 and Docket No. 3715).
- Processed a total of two Orders, including one Order Granting Interim Variance (3714), and one Conditional Order for Abatement (3715).
- Collected a total of \$7,942.00 in filing fees.

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

Location: Alameda County; City of Fremont

Docket: 3714 – Tesla Motors, Inc. – Request for Interim and Regular Variances

Regulation(s): Regulation 2, Rule 1, Section 307 (Permits, General Requirements, Failure to Meet Permit Conditions), and Regulation 2, Rule 6, Section 307 (Permits, Major Facility Review, Non-Compliance).

Synopsis: Applicant produces electric passenger vehicles at its Fremont facility, including the manufacturing and assembly of component parts and coating of parts and vehicles. A thermal oxidizer at the facility is currently required to maintain a minimum temperature of 1400 degrees Fahrenheit, per Air District Permit Condition #9158 Part 2, but has been operating at 1275 degrees Fahrenheit, as the Applicant claimed that operating at the higher temperature has damaged the thermal oxidizer. Applicant submitted permit application 29741 to authorize the use of a different thermal oxidizer, and sought relief from Permit Condition #9158 Part 2, requiring operation at 1400 degrees Fahrenheit. (Applicant was not seeking relief from emission limits, only the temperature requirement.) Applicant believes that new thermal oxidizer will comply with emission limits at the lower temperature. Once the control device has been replaced, Applicant will comply with the new permit conditions associated with the new control device.

Status: Application filed on April 2, 2019; interim variance hearing scheduled for April 16, 2019, and regular variance hearing scheduled for May 21, 2019; interim variance was granted by the

Hearing Board at the interim variance hearing on April 16, 2019; Order Granting Interim Variance filed on April 17, 2019; both parties requested to continue regular hearing from May 21, 2019 to July 23, 2019; Applicant requested to withdraw application on July 23, 2019, at regular variance hearing; matter withdrawn on July 23, 2019.

Requested Period of Variance: March 28, 2019 to December 31, 2019

Estimated Excess Emissions: None.

Fees collected this quarter: \$7,942.00.

Location: Santa Clara County, City of Campbell

Docket: 3715 – APCO vs. Earthlime Inc., et al – Accusation

Regulation(s): Regulation 2, Rule 1 (Permits, General Requirements)

Synopsis: Respondents own and operate a facility in Campbell, California, where they conduct a wood products coating operation, for which they had held a District permit to operate pursuant to District Regulation 2, Rule 1 that expired February 1, 2017. Since then, Respondents have been operating the facility without a valid or current permit, despite their knowledge of the permit requirements. Complainant seeks an order that Respondents cease conducting these operations until they obtain an Air District permit to do so.

Status: Accusation filed on April 5, 2019; hearing scheduled for April 30, 2019; hearing continued to May 7, 2019; hearing held on May 7, 2019; Conditional Order for Abatement filed on May 16, 2019.

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 Katie Rice and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 27, 2019

Re: Bay Area Regional Collaborative (BARC) Update

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

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

DISCUSSION

At the upcoming Executive Committee meeting, the BARC 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: Erica Trask

EXECUTIVE COMMITTEE
MEETING OF 09/05/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Executive Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 28, 2019

Re: Status Update for the Production System Office

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Staff will provide an update for Production System Office including progress for the first half of 2019 and the goals for the remainder of the year.

DISCUSSION

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.

Accomplishments for the first half of calendar year 2019 include:

- Regulation 12, Rule 15 draft invoice and permit renewals
- 12 Refineries and associated facilities in total including:
 - Fee calculations
 - Invoice issuance; and
 - Permit issuance.
- Online payments and electronic checks for common, single source facilities
- Online services accomplishments include:
 - Homepage and navigation refresh;
 - Clean cars for all microsite;

- Sitecore version 9 infrastructure upgrade;
- Air Quality Data Visualization update; and
- Boiler registration for stipulated abatement order.
- Request for Qualifications for all technology professional service providers

Goals for the remainder of calendar year 2019 include:

- Regulation 12, Rule 15 final invoice and permit renewals
- Online payments and electronic checks for all facilities
 - Renewals, applications and Transfers of Ownership.
- Online services goals include:
 - Design refresh;
 - Upgrade of dynamic maps; and
 - Diesel Free by '33.
 - Template update for improved content editing; and
 - Signatory updates

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Blair Adams
Reviewed by: Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
Of the Board of Directors

From: Jack P. Broadbent
Executive Office/APCO

Date: August 27, 2019

Re: Summary of the 2019 Summer Spare the Air Program and an Update of the 2019-20
Winter Spare the Air Campaign

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Spare the Air program is now in its 28th year. Spare the Air continues to be a highly recognized program and generally well received by the public. Survey data indicates that more than 80% of Bay Area residents are aware of the Spare the Air program and more than 75% view it favorably. Each season the advertising campaign helps to elevate the visibility of the Spare the Air alert day calls when air quality is forecasted to be unhealthy.

In the winter, the estimated 1.4 million fireplaces and other wood-burning residential heating devices account for more than 30% of fine particle air pollution in the Bay Area. To protect Bay Area residents from the public health impacts of wood smoke pollution, on July 9, 2008, the Air District's Board of Directors adopted Regulation 6-3, Wood-burning Devices. Wood-burning devices include fireplaces, fire pits, wood stoves, pellet stoves, and any other wood-fired heating device. The rule bans wood burning during Winter Spare the Air Alerts; limits excess visible smoke; prohibits burning garbage; prohibits the sale and installation of non-EPA certified wood burning devices; and requires labeling on firewood and other solid fuels sold within the Air District's jurisdiction.

DISCUSSION

The 2019 Spare the Air season was book-ended this year by heat waves at the beginning and end of the summer. Visibility was poor and the region reached the "Unhealthy" and "Very Unhealthy" stage during the June heat wave.

Air District air monitoring data show that concentrations of PM_{2.5} have decreased over time and survey data shows that awareness of the rule and better understanding of the impact of smoke are factors that continue to lead to decreased fireplace use. To maintain awareness of the Winter Spare

the Air program and continue reducing wood smoke pollution, the Air District will continue with a robust messaging and advertising campaign.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

Funding for the Spare the Air campaign was included in the 2018-19 and 2019-20 Fiscal Year budgets.

Funding for the Winter Spare the Air campaign is included in the 2019-20 Fiscal Year budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Lisa Fasano

EXECUTIVE COMMITTEE
MEETING OF 09/05/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Report of the Personnel Committee Meeting of September 6, 2019

RECOMMENDED ACTION

The Personnel Committee (Committee) recommends Board of Directors approval of the following item:

- A) Conduct Interviews and Consider Recommending Board of Directors Approval of Candidates for Appointment to the Air District's Hearing Board
 - 1) Conduct interviews and consider recommending Board of Directors approval of candidates for appointment to the Air District's Hearing Board in the Principal Professional Engineer position.

BACKGROUND

The Committee met on Friday, September 6, 2019, and received the following report:

- A) Conduct Interviews and Consider Recommending Board of Directors Approval of Candidates for Appointment to the Air District's Hearing Board.

Chairperson Jim Spering will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

Attachment 11A: 09/06/2019 – Personnel Committee Meeting Agenda #4

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Jim Spering and Members
of the Personnel Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 23, 2019

Re: Conduct Interviews and Consider Recommending Board of Directors Approval of
Candidates for Appointment to the Air District's Hearing Board

RECOMMENDED ACTION

Conduct interviews and consider recommending Board of Directors approval of candidates for appointment to the Air District's Hearing Board in the Principal Professional Engineer position.

BACKGROUND

Pursuant to Section 40800 of the California Health and Safety Code, the Air District is required to maintain a Hearing Board consisting of five members including, one member who is a professional engineer registered as such pursuant to the Professional Engineers Act (Chapter 7 (commencing with Section 6700) of Division 3 of the Business and Professions Code), one member from the medical profession whose specialized skills, training, or interests are in the fields of environmental medicine, community medicine, or occupational/toxicologic medicine, one member admitted to the practice of law in this state, and two public members. The Air District Board of Directors may also appoint one alternate for each member. The alternate shall have the same qualifications, specified in Section 40801, as the member for whom such person is the alternate. The alternate may serve only in the absence of the member, and for the same term as the member.

Pursuant to Division I, Section 8.6 of the Air District's Administrative Code, Hearing Board Member terms are limited to fifteen (15) consecutive years, with reappointment possible after a three-year absence.

DISCUSSION

The Principal Hearing Board member in the Professional Engineer category resigned creating a vacancy in that category. As a result, there is one position to fill. Staff initiated a recruitment to fill this position. After extensive recruitment and outreach efforts, staff received three applications for the Professional Engineer position. Staff have assessed the candidates' experience and education relative to the position and have selected candidates with the most relevant qualifications to proceed to interviews with the Personnel Committee.

Interviews of the candidates will occur during the Personnel Committee meeting of September 6, 2019. The length of each interview will be approximately 15 minutes. The application materials submitted by the candidates will be provided to you for your review.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Terri Levels
Reviewed by: Rex Sanders

PERSONNEL COMMITTEE
MEETING OF 09/06/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Report of the Community and Public Health Committee Meeting of September 12,
2019

RECOMMENDED ACTION

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

BACKGROUND

The Committee met on Thursday, September 12, 2019, and received the following reports:

- A) Update on the James Cary Smith Community Grants and 2019 Assembly Bill (AB) 617 Community Health Protection Grants;
- B) Update on the West Oakland Community Action Plan; and
- C) Update on the Assembly Bill (AB) 617 Richmond-San Pablo Area Air Monitoring Plan.

Chairperson Shirlee Zane will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None;
- B) Resources to prepare *Owning Our Air* are included in the Fiscal Year Ending (FYE) 2019 and proposed FYE 2020 budgets. Ongoing implementation of the approved Plan will require additional resources from the State, Air District, and others; and
- C) Resources to prepare the Richmond area Air Monitoring Plan are included in the Fiscal Year Ending (FYE) 2019 budget. Ongoing implementation of the Plan will require additional resources from the Air District, the state, and others.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman

Reviewed by: Vanessa Johnson

Attachment 12A: 09/12/2019 – Community and Public Health Committee Meeting Agenda #4

Attachment 12B: 09/12/2019 – Community and Public Health Committee Meeting Agenda #5

Attachment 12C: 09/12/2019 – Community and Public Health Committee Meeting Agenda #6

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Shirlee Zane and Members
of the Community and Public Health Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 28, 2019

Re: Update on the James Cary Smith Community Grants and 2019 Assembly Bill (AB) 617
Community Health Protection Grants

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Air District's James Cary Smith Community Grants program launched in 2015. This year, the Air District continued this program and expanded its community engagement grant efforts by offering new capacity building grants for AB 617 high priority communities, as part of the Community Health Protection Grant Program. These grants will provide a unique opportunity to build relationships and local community leadership to facilitate future AB 617 implementation efforts.

DISCUSSION

On December 7, 2018, the Air District opened the School Community Grants Program for Fiscal Year Ending (FYE) 2019 for applicants throughout the region. These grants award up to \$2,500 for teachers, student leaders, and parent leaders in public K-12 schools in the Bay Area. The primary purpose of this grant program is to increase knowledge about the science of air quality, the relationships between air quality and public health, and the impact of air pollution on the global climate. The application deadline was January 31, 2019, and the Air District received 39 applications from the following counties: Alameda, Sonoma, Napa, San Francisco, Marin, Contra Costa, and San Mateo. After a thorough review process by an Air District interdivisional staff scoring team, 15 proposals from the School Community Grants Program were selected for Phase I (Non-Technical Projects) funding, totaling \$37,161. After additional review, seven (7) proposals were selected for Phase II (Technical Projects), which will receive light touch support from the Bay Air Center at an orientation in September 2019. Attachment A summarizes the selected projects. We are pleased to support this enthusiastic group of school communities throughout the region. All funded projects will be completed by June 30, 2020.

On April 15, 2019, the Air District opened the James Cary Smith Community Grants Program (FYE 2020) for applicants throughout the region, with prioritization for projects in highly impacted communities or environmental justice issue. The maximum grant award is \$25,000, and up to \$250,000 will be awarded to certified non-profit organizations, local community-based

organizations, faith-based organizations, or public schools within the Air District's jurisdiction, to support and sponsor community-based solutions that address air pollution. Examples of eligible projects include: non-technical air quality educational campaigns, school- or community-led tree planting projects, neighborhood-level urban greening projects, and/or community environmental justice education and outreach. Applications closed on June 7, 2019, and the Air District received 24 applications from the following counties: Alameda, Sonoma, Napa, San Francisco, Marin, Contra Costa, San Mateo, and Santa Clara. After a thorough review process by a scoring team of Air District interdivisional staff and one external reviewer from the Metropolitan Transportation Commission, followed by management review, 10 proposals from the James Cary Smith Community Grants Program were selected for funding. Attachment B summarizes the selected projects. The grantees will meet in September 2019 for an orientation and begin work after agreements are executed. All funded projects will be completed by December 31, 2020.

On April 29, 2019, the Air District launched the AB 617 Community Health Protection Grant Program (FY 2018-2019). The maximum grant amount is \$50,000, and up to \$350,000 will be awarded to certified non-profit organizations, local community-based organizations, and neighborhood associations, based in the following AB 617 high priority communities: East Oakland, San Leandro, Eastern San Francisco, Pittsburg-Bay Point area, San Jose, the Tri-Valley, and Vallejo. Funded work may include: a community needs assessment, designing and implementing strategies to organize the community around air quality and/or other environmental justice issues, leadership development, or providing communities with resources and information to meaningfully participate in decisions that impact local environmental health. Applications closed on June 21, 2019, and the Air District received 20 applications from all targeted communities. After a thorough review process by a scoring team consisting of Air District interdivisional staff and one external reviewer from the Metropolitan Transportation Commission, followed by management review, seven (7) proposals were selected for funding. Attachment C summarizes the selected projects. Grantees will work to build community leadership around air quality concerns and strengthen the community's ability to lead future emission reduction or air monitoring plans under AB 617. Funded activities will begin fall 2019 and continue through the end of 2020.

The Air District will continue the community grant programs by preparing to implement the next grant cycles. The School Community Grants for the FYE 2020 will launch winter 2019. The James Cary Smith Community Grants for the FYE 2021 will launch in spring 2020. The AB 617 Community Health Protection Grants for the FYE 2020 will be determined pending funding allocations from the California Air Resources Board, and the legislature, for continued implementation of AB 617. Attachment D outlines tentative timelines for the grant programs.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aneesh Rana and Christine Nguyen

Reviewed by: Luz Gomez

Attachment A: School Community Grant Awardees (FYE 2019)

Attachment B: James Cary Smith Community Grant Awardees (FYE 2020)

Attachment C: AB 617 Community Health Protection Grant Awardees
(FYE 2019)

Attachment D: Tentative Timelines for Future Community Grant Programs

COMMUNITY AND PUBLIC HEALTH
COMMITTEE MEETING OF 09/12/2019

School Community Grant Awardees (FYE 2019)

Phase 1: Non-Technical Projects*

	School	Project Name	City (Bold = Community Air Risk Evaluation, CARE)	Funding Requested	Description
1	Woodrow Wilson Elementary School	Woodrow Wilson Air Quality	Daly City	\$2,500	Greening project and Earth Day student poster contest.
2	Gordon Lau Elementary School	Spare the Air Community Project	San Francisco	\$2,500	Educational outreach to parents and caregivers on air quality, health, and sustainable transportation options. Trained leaders will organize a Spare the Air Family Biking Fair in April-May 2020.
3	John Yehall Chin Elementary School	Spare the Air Community Project	San Francisco	\$2,500	Educational outreach to parents and caregivers on air quality, health, and sustainable transportation options. Trained leaders will organize a Spare the Air Family Biking Fair in April-May 2020.
4	Roseland University Prep	Climate Hope in Roseland	Santa Rosa	\$2,500	Environmental campaigns on climate change awareness and education outreach, bike/walk to school, and tree planting on Arbor Day.
5	Irene Snow Elementary School	Idle Free Campaign	Napa	\$2,500	Spare the Air Idle Free Campaign by the Jr. Classroom leadership program.
6	Shearer Elementary	Idle Free Campaign	Napa	\$2,500	Spare the Air Idle Free Campaign by the Jr. Classroom leadership program.
7	Hillcrest Elementary School	Defending Public Health Through Urban Green Spaces	San Francisco	\$2,500	Green Team students will complete a series of lessons on outdoor education; tending the community garden; composting; photosynthesis; global climate change; air quality; air pollution reduction; and public and community health.
8	Harvest Middle School	Idle Free Schools Campaign	Napa	\$2,500	Volunteer student-led Idle Free Campaign with Science, Technology, Engineering, and Math (STEM) build-a-bike activity.
9	Silverado Middle School	Idle Free Schools Campaign	Napa	\$2,500	Volunteer student-led Idle Free Campaign with STEM build-a-bike activity.

COMMITTEE AND PUBLIC HEALTH MEETING OF 09/12/2019

	School	Project Name	City (Bold = CARE)	Funding Requested	Description
10	Valley Oak High School	Everything is Connected	Napa	\$2,301	Creation of an edible orchard on campus and partnering with Napa County Resource Conservation District to develop the Oxbow Preserve Park.
11	Loma Vista Immersion Academy	Carbon Sink Planting Project	Petaluma	\$2,490	Tree, shrub, and vine planting on school campus for carbon sink, shade, and wild-life habitat, with classroom lessons and discussions on local air quality.
12	Cragmont Elementary School	Cut the Idle	Berkeley	\$2,500	Parent Teacher Association (PTA) Idle Free campaign with classroom lessons on air quality and health.
13	Santa Rosa Middle School	Air Pollution Investigation	Santa Rosa	\$2,370	Students investigate and measure particulate matter in the air using the Flinn Scientific Air Pollution Investigation Kit.
14	Acorn Woodland Elementary School	The Mosaic Project	Oakland	\$2,500	Student leaders go on environmental justice (EJ) toxic tour and training sessions to interview community members to develop a narrative and storybook.
15	Lipman Middle School	Clean Air, Balanced Climate Program	Brisbane	\$2,500	Tree planting on campus and The Soil Story curriculum on carbon sequestration and air quality remediation.
				\$37,161	

*The Air District received seven (7) additional applications for projects that included technical components; these projects were reviewed and selected for funding with support from the BayAir Center.

Phase 2: Technical Projects

	School	Project Name	City (Bold = CARE)	Funding Requested	Description
1	Vineyard Alternative School and East Ave. Middle School	Student to Student Mentoring in Air Quality Measurement and Advocacy Program	Livermore	\$2,499	High school students learn about air quality science data collection (via Kids Making Sense Science Kit and Vernier CO2 sensors) and then mentor middle school students. The project will culminate in an Idle Free Tri-Valley campaign.
2	Brook Haven Middle School	Air Quality Sensors for Brook Haven	Sebastopol	\$2,470	Students learn about air quality, pollution, health and climate impacts through classroom projects using the Series 500 Monitor with Particulate Matter Sensor.

	School	Project Name	City (Bold = CARE)	Funding Requested	Description
3	Abraham Lincoln High School	Air Quality Activism	San Francisco	\$2,100	Green Academy student driven capstone projects can include: air quality testing, plant structures with microbit sensors, education to the community on air pollution and quality, and development of an emergency protocol plan for air quality preparedness.
4	Jefferson Elementary	Student Scientists Air Monitoring Program	Berkeley	\$2,500	Air Beam? hand held sensors and Kids Making Sense curriculum will educate 4th/5th grade students on air quality, pollution, health, and climate.
5	Castro Valley High School	Bringing Attention to Our Air	Castro Valley	\$2,445	Student-led project to increase public awareness to rising global air pollution, while giving students a hands-on opportunity to experience monitoring air quality. Student-led educational seminars, air monitoring and analysis for educational purpose, and youth conferences, including Youth for the Environment and Sustainability (YES).
6	Elsie Allen High School	Monitoring Air Quality at Elsie Allen High School	Santa Rosa	\$2,484	Pasco Ecochambers and Purple Air sensors will teach students about indoor air quality through Next Generation Science Standards (NGSS) investigations in the classroom.
7	Creative Arts Charter School	Do it Yourself (DIY) Air Filtration for Everyone	San Francisco	\$1,741	Purple Air sensors to compare minimum efficiency reporting value (MERV) & high-efficiency particulate air (HEPA) variants in DIY air filters, to inform Air Pollution Emergency Preparedness Plan and potential Spare the Air Idle Free Bay Area campaign.
				\$16,239	

Total Funded in both phases of the 2019 School Community Grant Program: \$53,400

James Cary Smith Community Grant Awardees (FYE 2020)

	Organization	Project Name	Assembly Bill 617 Community	Funding Requested	Description
1	Daily Acts Organization	Edible Landscapes for a Resilient Roseland	Roseland in Santa Rosa	\$25,000	Providing green space for the residents of Carillo Place and educating them on the impacts of air quality on health. This landscape project will bring a fun environment for the children of this affordable housing development, while mitigating the air quality impacts of the neighboring 101 freeway.
2	Earth Team	Something is in the Air (SITA'20)	Richmond	\$25,000	Implementing air quality curriculum in the city of Richmond through the SITA'20 internship program. The program hires local interns, educates them on air pollution, and trains them to relay this knowledge by engaging students on their campus and surrounding communities.
3	Green Ninja Inc.	Air Quality Education and Storytelling with Green Ninja	San Jose	\$25,000	Developing air quality science curriculum to help middle school youth develop skills to improve their local air quality. Supporting teachers to administer the curriculum and help students complete projects to share within their communities.
4	Literacy for Environmental Justice	Southeast San Francisco Community-Building Project	Bayview Hunters Point	\$25,000	Community-building project focused on providing a pathway for District-10, K-12 youth to learn and engage in environmental justice issues. Incorporating networking opportunities, social gatherings, and green infrastructure into the initiative.
5	Mycelium Youth Network	Clean Air is a Right; Clean Air is Life	East Oakland	\$25,000	Climate resiliency and education using indigenous practices. Using this program to combat environmental justice issues in East Oakland by educating and empowering 300-400 youth.
6	Sequoia Foundation	Environmental justice and air quality curriculum in schools: the community is our classroom	San Leandro	\$25,000	Building community capacity focused on environmental justice and air quality. Recruiting 400 local students to provide outreach to their communities, working alongside teachers to develop air quality and health curriculum, and creating a community advisory board on air quality and health.
7	Strategic Energy Innovations	Air Quality Education and Community Action Planning	Pittsburg Bay Point	\$25,000	Engaging 180 students in a citizen science program focused on air quality and sustainability. Creating Supporting teachers in Community Air Risk Evaluation (CARE) communities, students will become leaders in education and sustainability efforts in the classroom and the Bay.

	Organization	Project Name	Assembly Bill 617 Community	Funding Requested	Description
8	TransForm	Know How to Go	East Oakland	\$25,000	Addressing inequalities in affordable, climate-friendly transportation to 1,500 affordable housing communities in East Oakland by providing access to active transportation (walking, bicycling, etc.) and shared transportation (carpooling, public transit, etc.).
9	Valley Verde	Protecto el Mundo (Protect the Earth)	San Jose	\$25,000	Expanding home gardening curriculum to include air quality and its impact on seed germination, composting, and soil health. Addressing the needs of low-income families of color and access to fresh and affordable food.
10	Veggielution	Eastside Explorers	East San Jose	\$25,000	Developing field trip curriculum that would enable East San Jose communities to understand the role of agriculture on air pollution. Providing insight into food system science and the climate benefits of organic agriculture for environmental and personal health.
				\$250,000	

COMMUNITY AND PUBLIC HEALTH COMMITTEE MEETING 09/12/2019

Assembly Bill (AB) 617 Community Health Protection Grant Awardees (FYE 2019)

	Organization	Project Name	AB 617 Community	Funding Requested	Description
1	All Positives Possible	Improving Community Health by Identifying Vapor Intrusion	Vallejo	\$50,000	The project will focus on researching the cause of water contamination causing vapor intrusion in homes located in vulnerable communities in South and parts of East Vallejo. Additionally, community members will receive training on how to effectively engage local government agencies and participate in the decision-making process.
2	Tri-Valley Nonprofit Alliance	Tri-Valley Air Quality Community Needs Assessment and Organizing Project	Dublin, Livermore, Pleasanton, and San Ramon	\$50,000	The project will develop a community needs assessment to research how to increase participation in discussions about local air quality concerns; design and implement effective strategies to organize the community using a collaborative approach developed with stakeholders; and provide resources and information to community stakeholders to increase the level of meaningful participation in decisions that affect local environmental health.
3	La Clinica de la Raza	Pittsburg-Bay Point Air Quality Community Advocates Project	Pittsburg-Bay Point	\$50,000	La Clinica has a long history of training community members as Promotores in leadership, advocacy, health promotion, and community building, and will leverage this model to increase public awareness of air quality issues and health effects of air pollution through outreach, education, and advocacy. The project will focus on a needs assessment and authentic participation by utilizing Promotores who share ethnic, language, socioeconomic status, and life experiences with the community members they serve.
4	Communities for a Better Environment	Freedom to Breathe's Education and Leadership Outreach Program	East Oakland	\$50,000	Communities for a Better Environment's Education and Leadership Outreach Program will focus on organizing and community participation. Neighborhood presentations and toxic tours for the community will inform community members about the Air District and its function, businesses and companies operating in the community, and public services available to them. Additionally, the program aims to help residents to understand the science related to air pollution, air quality regulation, and how communities can participate in the process.

COMMUNITY AND PUBLIC HEALTH COMMITTEE MEETING 09/12/2019

	Organization	Project Name	AB 617 Community	Funding Requested	Description
5	Breathe California (CA) of the Bay Area	Community Action for Health Protection	San Jose	\$50,000	Breathe CA will implement a Community Action Model (CAM) project that will focus on needs assessment, organizing, and participation. The goals of the CAM model are to move beyond individual behavior change and into mobilizing community members and organizations to work for changes that reduce environmental inequities. It is a framework for community members to acquire skills and resources they need to assess and improve their community's health.
6	Bayview Hunters Point Community Advocates	Bayview Hunters Point Ambassadors Program	Bayview Hunters Point Southeastern San Francisco	\$50,000	The Bayview Hunters Point Ambassadors program is a community engagement and workforce development initiative, designed to support and amplify the voices of neighborhood residents in identifying and documenting pollution impacts in their community. The goal of the initiative is to use training and professional support to build power in Bayview Hunters Point regarding environmental, land use, and economic development decisions.
7	International Children Assistance Network	Vietnamese Americans for Cleaner Air and Better Health	San Jose	\$50,000	The project aims to increase awareness and understanding about air quality and its impact on people's health in the Vietnamese community. Through face-to-face events and culturally appropriate and respectful discussion, the project seeks to encourage Vietnamese Americans to become more engaged, take actions to improve their health, and empower them to lead and advocate for air pollution prevention.
				\$350,000	

COMMUNITY AND PUBLIC HEALTH COMMITTEE MEETING 09/12/2019

Tentative Timelines for Future Community Grant Programs

School Community Grant Program (FYE 2020)

Tentative Dates	Action
December 2019	Release of Program Guidelines / Call for Applications
January 2020	Informational Webinar for Potential Applicants
January 2020	Applications due
February 2020	Grantees notified
May 2020	Grant agreements in place
May 2020 – June 30, 2021	Execute work
June 2021	Final invoices and reports due

James Cary Smith Community Grant Program (FYE 2021)

Tentative Dates	Action
June 2020	Release of Program Guidelines / Call for Applications
July 2020	Informational Webinar for Potential Applicants
August 2020	Applications due
September 2020	Grantees notified
September – December 2020	Draft and finalize grant agreements
December 2020 – December 2021	Execute work
December 2021	Final reports due

Assembly Bill (AB) 617 Community Health Protection Grant Program (FYE 2020)*

* The AB 617 Community Health Protection Grants for the FYE 2020 will be determined pending funding allocations from the California Air Resources Board and the legislature for continued implementation of AB 617.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Shirlee Zane and Members
of the Community and Public Health Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 29, 2019

Re: Update on the West Oakland Community Action Plan

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Assembly Bill 617 (AB 617), passed in 2017, focuses on improving local air quality and health in disproportionately impacted communities. The law requires the California Air Resources Board (CARB) to work with community groups, air districts, and others to select locations around the State where communities will work with their air district to reduce local air pollution. In September 2018, CARB approved the Bay Area Air Quality Management District's (Air District) recommendation to develop and implement a community emission reduction plan (Plan) for West Oakland.

DISCUSSION

The Air District has partnered with West Oakland Environmental Indicators Project (WOEIP) to develop a Plan for West Oakland. Together, the Air District and WOEIP (the co-leads) convened and led a Steering Committee of local stakeholders, including residents, community leaders, public agency staff, business representatives, and non-profit groups. Over the last 14 months, the Steering Committee and the co-leads have worked together to create the Plan.

Since Staff last updated the Board of Directors on June 5, 2019, the co-leads and Steering Committee have continued to meet. On July 23, 2019, the co-leads released the draft *Owning Our Air: The West Oakland Community Action Plan* for public comment. The Air District accepted comments via email, in writing, and online through the Air District's Open Air Forum webpage. Along with the Plan's release, on July 24, 2019, the Plan's California Environmental Quality Act (CEQA) draft environmental impact report was also released for public comment. Once adopted by the Air District Board and approved by CARB, the Plan will guide efforts to reduce local emissions and exposure to air pollution in West Oakland.

This Plan is different than previous plans that staff has presented to the Board. *Owning Our Air* reflects a co-equal partnership with our community partners, WOEIP. *Owning Our Air* is a result of hard work and careful consideration by the Steering Committee. The Steering Committee contributed community knowledge and assured that the Plan reflects community priorities.

Owning Our Air includes strategies to reduce the impact of truck travel, parking, and idling in West Oakland; to move polluting businesses away from residents; to continue regulatory and incentive-based programs; and to support increased enforcement of trucking activities and stationary sources. Implementing these strategies will involve work by many agencies, including the Air District, CARB, the City of Oakland, the Port of Oakland, and others. In addition, *Owning Our Air*'s technical foundation reflects innovative air quality modeling work that provides detailed insight into the emissions from local sources of concern to the community.

To introduce *Owning Our Air* to the public, the Steering Committee hosted a Town Hall on August 17, 2019. The Town Hall was well attended by 108 people, representing West Oakland residents, community leaders, business owners, and other stakeholders. John Bauters, Air District Board Member and Emeryville Council Member; Ms. Margaret Gordon, WCEIP co-founder; Libby Schaaf, Mayor, City of Oakland; Honorable Nancy Skinner, California State Senator, 9th Senate District; and Honorable Rob Bonta, California Assembly Member, 18th Assembly District made opening comments. Four Steering Committee members representing BayPorte Village Neighborhood Watch, New Voices are Rising, Prescott Oakland Point Neighborhood, and AB Trucking provided their perspectives on *Owning Our Air*. Representatives from the Air District, CARB, Port of Oakland, and City of Oakland all spoke about their agency's commitment to implementing the Plan.

Public comments on *Owning Our Air* closed Sept 9, 2019. Air District staff anticipates taking a proposed final Plan to the Air District Board of Directors for consideration on October 2, 2019.

BUDGET CONSIDERATION / FINANCIAL IMPACT

Resources to prepare *Owning Our Air* are included in the Fiscal Year Ending (FYE) 2019 and proposed FYE 2020 budgets. Ongoing implementation of the approved Plan will require additional resources from the State, Air District, and others.

Respectfully submitted

Jack F. Broadbent
Executive Officer/AFCO

Prepared by: Alison Kirk
Reviewed by: Henry Hilken

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Shirlee Zane and Members
of the Community and Public Health Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 4, 2019

Re: Update on the Assembly Bill (AB) 617 Richmond-San Pablo Area Air Monitoring Plan

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) to work with community groups, air districts, and others to select locations from around the state where communities will work with local air districts to measure and reduce air pollution. In September 2018, CARB approved the Bay Area Air Quality Management District's (Air District) recommendation to develop and implement an Air Monitoring Plan (Plan) for the Richmond-San Pablo area. This process includes identifying a community partner co-lead(s) and creating a Steering Committee that develops the Plan. The Steering Committee's work will result in a Richmond-San Pablo Area Air Monitoring Plan, which will guide additional air quality monitoring in the Richmond-San Pablo area. Ultimately, air monitoring information will be used in the future to develop an AB 617 Community Emission Reduction Plan(s) for the Richmond area.

DISCUSSION

Since forming in April 2019, the Richmond-San Pablo Community Air Monitoring Steering Committee has met six (6) times. During the first four (4) meetings, the Steering Committee engaged in mapping activities to identify community-specific air quality concerns and to select initial monitoring efforts. AB 617 specifies that monitoring is required to start by July 1, 2019. Initial monitoring efforts were selected by the Steering Committee on June 19, 2019. The Steering Committee elected to monitor through the Air District's contract with Aclima, and ongoing air monitoring efforts through two local CARB Grantees – Groundwork Richmond; and Physicians, Scientists, and Engineers for Healthy Energy (PSE). Aclima began mobile monitoring on August 1, 2019, and will continue through October 31, 2109. Monitoring through Groundwork Richmond and PSE will be conducted through a system of stationary air sensors, which will complement the Aclima mobile monitoring. The results of mobile and stationary monitoring will help identify areas of elevated pollution at the local level and can inform future monitoring projects. The next phase of plan development, which began in July 2019 and will continue for approximately three months,

includes identifying focus areas and sources of concern that the Steering Committee will use to prioritize and develop monitoring projects.

In August 2019, the Steering Committee learned that CARB is beginning the process of proposing another group of communities for AB 617 monitoring and/or emission reduction plans at the end of this year. In addition to any new communities recommended by CARB staff, the CARB Board asked their staff to prioritize moving the communities previously selected for air monitoring only, into emissions reduction programs, if the recommendation is supported by data and by the community steering committee. The Richmond-San Pablo Steering Committee must decide about their recommendation to CARB and will vote on this at the September 2019 meeting. After the vote, the Co-Lead Team will write a letter to CARB with the Steering Committee's recommended action. CARB will be releasing their Staff Report of the 2019 Community Selection Process on, or before, November 12, 2019. The CARB Board will make its decision during their Board Hearings on December 12 and 13, 2019, and the one-year process for developing an emissions reduction plan will then begin.

The timing of the completion of the community air monitoring plan will depend on the September 2019 vote, and the work the Steering Committee will do over the next few months to refine the list of focus areas, clarify monitoring objectives, and identify and prioritize the monitoring needs that are not informed by existing or initial phase monitoring. The Air District will continue to update the Community and Public Health Committee on the continued development of the Plan as well as the implementation of initial monitoring efforts and initial results.

Table 1: Future Steering Committee Meeting Schedule

Date	Location
September 11, 2019	Richmond Memorial Auditorium
October 9, 2019	Richmond Memorial Auditorium
November 13, 2019	Richmond Memorial Auditorium
December 11, 2019	San Pablo Library

BUDGET CONSIDERATION / FINANCIAL IMPACT

Resources to prepare the Richmond area Air Monitoring Plan are included in the Fiscal Year Ending (FYE) 2019 budget. Ongoing implementation of the Plan will require additional resources from the Air District, the state, and others.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Katherine Hoag and Kristen Law
Reviewed by: Ranyee Chiang and Elizabeth Yura

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Report of the Stationary Source Special Committee Meeting of September 16, 2019

RECOMMENDED ACTION

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

BACKGROUND

The Committee will meet on Monday, September 16, 2019, and will receive the following reports:

- A) Update on South Bay Odor Sources and Air District Odor Attribution Study;
- B) Update on Implementation of New Regulation 6 Rules; and
- C) Update on Proposed Regulation 13, Rule 2 (Rule 13-2): Organic Material Handling and Draft Regulation 13, Rule 3 (Rule 13-3): Composting Operations.

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

BUDGET CONSIDERATION/FINANCIAL IMPACT

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

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

Attachment 13A: 09/16/2019 – Stationary Source Committee Meeting Agenda #4
Attachment 13B: 09/16/2019 – Stationary Source Committee Meeting Agenda #5
Attachment 13C: 09/16/2019 – Stationary Source Committee Meeting Agenda #6

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 29, 2019

Re: Update on South Bay Odor Sources and Air District Odor Attribution Study

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Population density and proximity of residential housing and public spaces to the landfill, transfer station, sewage treatment plant, compost and organic waste processing operations have affected air quality in Milpitas and surrounding communities in the South Bay for many years. While there have been improvements to air quality in Milpitas due to Air District actions with assistance from the community, odors continue to be a concern.

Since 2015, Air District staff have been active participants in the South Bay Odor Stakeholder Group (SBOSG) meetings intended to address odors that affect the Milpitas community and provide an open and transparent forum to discuss enforcement activities, permit and regulatory requirements, and odor mitigation and controls measures. Quarterly meetings are attended by community and industry stakeholders, City of Fremont, Milpitas and San Jose representatives, staff representing Assembly Member Kansen Chu, Congressman Ro Khanna and Senator Bob Wieckowski, and Stationary Source Committee Chair, Rod Sinks representing Santa Clara County. Over the last year, a priority of the SBOSG has been to develop an odor study to better understand odor contribution from sources impacting the Milpitas community.

In January 2019, the Air District committed to conducting an Odor Attribution Study intended to identify compounds that may impact the local community by three closely located facilities with similar odor profiles (landfill and associated composting facility, sewage treatment plant and a dry anaerobic food waste digester facility). The goal of the project is to determine the contribution and variability of odors from these facilities and develop a strategy for measuring how often and at what concentration these odors may be passing into the local community.

DISCUSSION

Staff will present an update on South Bay odor sources, the Request for Proposal (RFP) process and the intended scope and timeline of the odor study.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Tracy Lee
Reviewed by: Wayne Kino

STATIONARY SOURCE
COMMITTEE MEETING OF 09/16/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 29, 2019

Re: Update on Implementation of New Regulation 6 Rules

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

On August 1, 2018, the Board of Directors adopted:

- Regulation 6, Particulate Matter – Common Definitions and Test Methods;
- Regulation 6, Particulate Matter, Rule 1: General Requirements; and
- Regulation 6, Rule 6: Prohibition of Trackout.

These rules were targeted to address particulate matter emissions from commercial and industrial sources across the Bay Area. Particulate matter emissions are an environmental and public health concern because small dust particles cause or contribute to a wide variety of serious health problems, including asthma, bronchitis, cardiovascular diseases, and cancer. Also, certain bulk materials handling operations covered by these rules emit particulates that absorb sunlight and thus impact climate.

DISCUSSION

Regulation 6 is an umbrella regulation that provides a consistent set of definitions and test methods across all Bay Area Air Quality Management District (Air District) particulate matter rules.

Regulation 6, Rule 1, strengthened the general particulate matter emissions limitations to equal the most stringent requirements in California, and also addresses particulate emissions from storage and handling of significant quantities of bulk materials, including petroleum coke and coal. Bulk materials are unpackaged solids less than two inches in length or diameter, such as soil, sand, gravel, aggregate, construction materials, coke and coal. Wind erosion from storage and handling of these materials can contribute to fine particulate matter pollution when bulk material dust gets carried into the atmosphere by the wind or by being handled in the open air. Coke or coal dust also absorbs sunlight which impacts climate.

Regulation 6, Rule 6, focuses on road dust, a large source of fine particulates. Road dust is composed in part of particles from vehicles driving over and pulverizing solid materials that may have been deposited on the road. This rule addresses mud and dirt that can be “tracked out” onto a paved road from a construction site, quarry, landfill or other disturbed surface.

As part of the presentation for this agenda item, staff will update the Committee on implementation and outreach for these regulations and give examples of how industrial and commercial facilities are complying with their requirements.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Davis Zhu
Reviewed by: Pamela Leong

STATIONARY SOURCE
COMMITTEE MEETING OF 09/16/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Rod Sinks and Members
of the Stationary Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 29, 2019

Re: Update on Proposed Regulation 13, Rule 2 (Rule 13-2): Organic Material Handling and
Draft Regulation 13, Rule 3 (Rule 13-3): Composting Operations

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

A recent series of legislative actions (Senate Bill (SB) 32, SB 605, SB 1383) requires the State of California to reduce the statewide disposal of organic waste by 50 percent of 2014 levels by 2020, and 75 percent of 2014 levels by 2025. This mandated diversion of organic material from landfills will likely result in an increased throughput of organic material at compost operations and other organic material handling facilities throughout California, particularly in the more populated areas of the state. Draft Rules 13-2: Organic Material Handling and 13-3: Composting Operations seek to address the anticipated increase in organic material at composting and other organic material handling operations.

DISCUSSION

Composting is a controlled biological process of converting organic matter under aerobic conditions (in the presence of oxygen) into simple stable compounds in a solid substrate. The end-product (compost) is a useful soil amendment that increases nutrients, soil structure, and reduces phytotoxicity (the poisoning of plants). Microorganisms use oxygen to convert organic matter into compost while also producing carbon dioxide, water, nitrate, sulfate and heat.

In real world conditions, volatile organic compounds, including odor-causing compounds, may be released during the composting process. Organic material may be converted to methane due to anaerobic (in the absence of oxygen) conditions, which occurs mainly when aeration is insufficient. Well-run composting and organic material handling operations minimize emissions of methane, volatile organic compounds, and related odors through facility planning, adoption of best management practices, odor impact monitoring, and installation of biofiltration systems.

The California Department of Resources Recycling and Recovery (CalRecycle) estimates that 12 to 15 new composting facilities will be needed in the Air District to process an additional 700 to 900 thousand tons per year of organic feedstock. Currently, there are 10-15 permitted composting facilities in the Air District. With the anticipation of an approximately doubling of organic material processed in the Air District, a significant number of new facilities will be needed to accommodate the additional material.

These draft rules are being developed for the purposes of minimizing excess emissions of methane and odor-causing compounds, controlling volatile organic compound emissions, and to create consistency in the compliance and permitting of facilities handling and processing organic material.

In June 2019, Air District staff introduced draft rule language and a Workshop Report for proposed Rule 13-2: Organic Material Handling and Composting Operations at a series of public workshops. Workshops were held in San Francisco, Richmond, and Milpitas, respectively, to solicit public comment on the draft Rule language and accompanying Workshop Report.

The Air District received approximately 75 comment letters from various entities (*e.g.* compost facilities, material recovery and transfer station operators, industry advocacy groups, etc.), that expressed concern with various sections of the proposed Rule. Air District staff took the comments under consideration and determined that proposed Rule 13-2 should be bifurcated into the original two draft rules: Rule 13-2: Organic Material Handling and Rule 13-3: Composting Operations.

In this report, staff will provide the Committee with information on:

- Rule development efforts;
- Timeline for both Rules; and
- Next steps in the rule development process.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Misha Nishiki
Reviewed by: Elizabeth Yura, Victor Douglas

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Report of the Ad Hoc Building Oversight Committee Meeting of September 18, 2019

RECOMMENDED ACTION

The Ad Hoc Building Oversight Committee (Committee) may recommend Board of Directors approval of the following item:

- A) Consider Recommending the Board of Directors Authorize Execution of an Extension of Contracts for Build-Out of a Portion of the Richmond, Lakeside Drive Building
 - 1) Recommend the Board of Directors authorize the Executive Officer/APCO to obtain bids and execute contracts to build out approximately 7,300 square feet of the Richmond, Lakeside building with cubicles and offices, in an amount not to exceed \$250,000, in addition to the initial \$1,800,000 authorization in April 2019. Further recommend that the Board of Directors authorize the Executive Officer/APCO to obtain bids and execute contracts to install video conferencing capabilities at the site, in an amount not to exceed \$235,000.

BACKGROUND

The Committee will meet on Wednesday, September 18, 2019, and will receive the following report:

- A) Consider Recommending the Board of Directors Authorize Execution of an Extension of Contracts for Build-Out of a Portion of the Richmond, Lakeside Drive Building

Chairperson Mark Ross will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

A) Funding is included in the proposed budget for Fiscal Year Ending 2020.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

Attachment 14A: 09/18/2019 – Ad Hoc Building Oversight Committee Meeting Agenda #4

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Mark Ross and Members
of the Ad Hoc Building Oversight Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 10, 2019

Re: Consider Recommending the Board of Directors Authorize Execution of an Extension of Contracts for Build-Out of a Portion of the Richmond, Lakeside Drive Building

RECOMMENDED ACTION

Recommend the Board of Directors authorize the Executive Officer/APCO to obtain bids and execute contracts to build out approximately 7,300 square feet of the Richmond, Lakeside building with cubicles and offices, in an amount not to exceed \$250,000, in addition to the initial \$1,800,000 authorization in April 2019. Further recommend that the Board of Directors authorize the Executive Officer/APCO to obtain bids and execute contracts to install video conferencing capabilities at the site, in an amount not to exceed \$235,000.

BACKGROUND

At the August 1, 2018 meeting of the Board of Directors, staff was authorized to execute the purchase of a building in Richmond, California for offices and various other uses. The prior owner will continue to lease back a portion of the building until the end of 2019. However, approximately 7,300 square feet of the building are available for immediate reconfiguration as office space. In April 2019, the Board of Directors authorized \$1,800,000 for the build-out of this space. Following this authorization, three bids were obtained for general contracting, and work commenced.

DISCUSSION

The offices and cubicles in the Richmond, Lakeside building are intended to be essentially identical to those at the Beale Street headquarters. The Air District has a continuing contract for cubicles and furniture from the original build-out of Beale Street.

In the process of construction, it was discovered that the original HVAC duct work could not be re-used. In addition, the HVAC requirements were increased to allow higher density occupation of the multi-purpose room (the site of the recommended video conferencing equipment). For this reason, the current recommendation adds \$250,000 to the original \$1,800,000 authorization.

As the construction plans were finalized, it became clear that the multi-purpose room could serve as an East Bay video conferencing site. For this reason, the current recommendation includes

video conferencing identical to that used in Beale Street conference rooms, in the amount of \$235,000.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding is included in the proposed budget for Fiscal Year Ending 2020.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jeff McKay

AD HOC BUILDING OVERSIGHT
COMMITTEE MEETING OF 09/18/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Office/APCO

Date: September 11, 2019

Re: Summary of the 2019 Summer Spare the Air Program and an Update of the 2019-20
Winter Spare the Air Campaign

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Spare the Air program is now in its 28th year. Spare the Air continues to be a highly recognized program and generally well received by the public. Survey data indicates that more than 80% of Bay Area residents are aware of the Spare the Air program and more than 75% view it favorably. Each season the advertising campaign helps to elevate the visibility of the Spare the Air alert day calls when air quality is forecasted to be unhealthy.

In the winter, the estimated 1.4 million fireplaces and other wood-burning residential heating devices account for more than 30% of fine particle air pollution in the Bay Area. To protect Bay Area residents from the public health impacts of wood smoke pollution, on July 9, 2008, the Air District's Board of Directors adopted Regulation 6-3, Wood-burning Devices. Wood-burning devices include fireplaces, fire pits, wood stoves, pellet stoves, and any other wood-fired heating device. The rule bans wood burning during Winter Spare the Air Alerts; limits excess visible smoke; prohibits burning garbage; prohibits the sale and installation of non-EPA certified wood burning devices; and requires labeling on firewood and other solid fuels sold within the Air District's jurisdiction.

DISCUSSION

The 2019 Spare the Air season was book-ended this year by heat waves at the beginning and end of the summer. Visibility was poor and the region reached the "Unhealthy" and "Very Unhealthy" stage during the June heat wave.

Air District air monitoring data shows that concentrations of PM_{2.5} have decreased over time and survey data shows that awareness of the rule and better understanding of the impact of smoke are factors that continue to lead to decreased fireplace use. To maintain awareness of the Winter Spare

the Air program and continue reducing wood smoke pollution, the Air District will continue with robust messaging and advertising campaign.

BUDGET CONSIDERATIONS/FINANCIAL IMPACT

Funding for the Spare the Air campaign was included in the 2018-19 and 2019-20 Fiscal Year budgets.

Funding for the Winter Spare the Air campaign is included in the 2019-20 Fiscal Year budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Lisa Fasano

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Katie Rice and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2019

Re: Update on the Assembly Bill (AB) 617 Richmond-San Pablo Area Air Monitoring Plan

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) to work with community groups, air districts, and others to select locations from around the state where communities will work with local air districts to measure and reduce air pollution. In September 2018, CARB approved the Bay Area Air Quality Management District's (Air District) recommendation to develop and implement an Air Monitoring Plan (Plan) for the Richmond-San Pablo area. This process includes identifying a community partner co-lead(s) and creating a Steering Committee that develops the Plan. The Steering Committee's work will result in a Richmond-San Pablo Area Air Monitoring Plan, which will guide additional air quality monitoring in the Richmond-San Pablo area. Ultimately, air monitoring information will be used in the future to develop an AB 617 Community Emission Reduction Plan(s) (CERP) for the Richmond area.

DISCUSSION

Since forming in April 2019, the Richmond-San Pablo Community Air Monitoring Steering Committee has met six (6) times. During the first four (4) meetings, the Steering Committee engaged in mapping activities to identify community-specific air quality concerns and to select initial monitoring efforts. AB 617 specifies that monitoring is required to start by July 1, 2019. Initial monitoring efforts were selected by the Steering Committee on June 19, 2019. The Steering Committee elected to monitor through the Air District's contract with Aclima, and ongoing air monitoring efforts through two local CARB Grantees – Groundwork Richmond; and Physicians, Scientists, and Engineers for Healthy Energy (PSE). Aclima began mobile monitoring on August 1, 2019 and will continue through October 31, 2019. Monitoring through Groundwork Richmond and PSE will be conducted through a system of stationary air sensors, which will complement the Aclima mobile monitoring. The results of mobile and stationary monitoring will help identify areas of elevated pollution at the local level and can inform future monitoring projects. The next phase of plan development, which began in July 2019 and will continue for approximately three months,

includes identifying focus areas and sources of concern that the Steering Committee will use to prioritize and develop monitoring projects.

In August 2019, the Steering Committee learned that CARB is beginning the process of proposing another group of communities for AB 617 monitoring and/or emission reduction plans at the end of this year. In addition to any new communities recommended by CARB staff, the CARB Board asked their staff to prioritize moving the communities previously selected for air monitoring only, into emissions reduction programs, if the recommendation is supported by data and by the community steering committee. The Steering Committee voted on September 11, 2019, to not move to a CERP in December 2019. They are committed to working with the Air District to finish the monitoring plan and to use the new data to identify strategies for a CERP in 2020. The Steering Committee will consider recommending the area for a CERP at that point.

The timing of the completion of the community air monitoring plan will depend on the September 2019 vote, and the work the Steering Committee will do over the next few months to refine the list of focus areas, clarify monitoring objectives, and identify and prioritize the monitoring needs that are not informed by existing or initial phase monitoring. The Air District will continue to update the Community and Public Health Committee on the continued development of the Plan as well as the implementation of initial monitoring efforts and initial results.

Table 1: Future Steering Committee Meeting Schedule

Date	Location
September 11, 2019	Richmond Memorial Auditorium
October 9, 2019	Richmond Memorial Auditorium
November 13, 2019	Richmond Memorial Auditorium
December 11, 2019	San Pablo Library

BUDGET CONSIDERATION / FINANCIAL IMPACT

Resources to prepare the Richmond area Air Monitoring Plan are included in the current budgets. Ongoing implementation of the Plan will require additional resources from the Air District, the state, and others.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Katherine Hoag and Kristen Law
Reviewed by: Ranyee Chiang and Elizabeth Yura