



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
REGULAR MEETING
NOVEMBER 15, 2017

A meeting of the Bay Area Air Quality Management District Board of Directors will be held at 9:45 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 9:45 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 <http://www.baaqmd.gov/about-the-air-district/board-of-directors/resolutionsagendasminutes> 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
NOVEMBER 15, 2017
9:45 A.M.

BOARD ROOM
1ST FLOOR

CALL TO ORDER

Chairperson, Liz Kniss

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.

COMMENDATIONS/PROCLAMATIONS/AWARDS

2. *The Board of Directors will recognize outgoing Hearing Board member Gilbert Bendix, P.E. for his service, leadership, and dedication to protecting air quality in the Bay Area.*

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 cases:

Douglas Hall v. Bay Area AQMD, San Francisco County Superior Court, Case No. CGC-16-556094

B. ANTICIPATED LITIGATION (Government Code Section 54956.9(d)(2))

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9: one potential case

OPEN SESSION

CONSENT CALENDAR (ITEMS 4 – 10)

Staff/Phone (415) 749-

4. Minutes of the Regular Board of Directors Meeting of November 1, 2017

Clerk of the Boards/5073

The Board of Directors will consider approving the draft minutes of the Regular Board of Directors Meeting of November 1, 2017.

5. Board Communications Received from November 1, 2017 through November 14, 2017
J. Broadbent/5052
jbroadbent@baaqmd.gov

A copy of communications directed to the Board of Directors received by the Air District from November 1, 2017 through November 14, 2017, if any, will be at each Board Member's place.

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

In accordance with Section 5.4 (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 month.

7. Notices of Violation Issued and Settlements in Excess of \$10,000 in the month of October 2017
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 October 2017.

8. Quarterly Report of the Executive Office and Division Activities for the Months of July 2017 – September 2017
J. Broadbent/5052
jbroadbent@baaqmd.gov

A summary of Board of Directors, Hearing Board, and Advisory Council meeting activities for the first quarter is provided for information only. Also included is a summary of the Executive Office and Division Activities for the months of July 2017 – September 2017.

9. Consider Authorization to Execute Contract Amendments for My Air Online Development Services in Amounts in Excess of \$100,000
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to execute contract amendments to extend three (3) contracts for the development of the permitting and compliance systems in an amount not to exceed \$932,661.

10. Set Public Hearing for December 6, 2017, to Consider Adoption of Proposed Technical and Administrative Amendments to the Air District's New Source Review and Title V Permitting Regulations (Regulation 2, Rule 1,2,4 and 6) and California Environmental Quality Act (CEQA) Negative Declaration
J. Broadbent/5052
jbroadbent@baaqmd.gov

At the December 6, 2017, meeting, the Board of Directors will consider adopting proposed technical and administrative amendments to the Air District's New Source Review and Title V permitting regulations (Regulation 2, Rules 1,2,4, and 6), as well as a Negative Declaration under CEQA.

COMMITTEE REPORTS

11. Report of the **Nominating Committee** Meeting of November 15, 2017

CHAIR: L. Kniss

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee will receive the following reports:

A) **Consideration and Nomination of Board Officers for the Term of Office Commencing 2018**

- 1) *Chairperson;*
- 2) *Vice Chairperson; and*
- 3) *Secretary*

PUBLIC HEARING

12. Public Hearing for Proposed Regulation 11, Rule 18: Reduction of Risk from Air Toxic Emissions at Existing Facilities and the associated Recirculated Environmental Impact Report (EIR)

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider adoption of proposed Regulation 11, Rule 18: Reduction of Risk from Air Toxic Emissions at Existing Facilities and the associated Recirculated Environmental Impact Report.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

Speakers will be allowed up to three minutes each to address the Board on non-agenda matters.

BOARD MEMBERS' COMMENTS

14. *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

15. Report of the Executive Officer/APCO

16. Chairperson's Report

17. Time and Place of Next Meeting:

Wednesday, December 6, 2017, at 375 Beale Street, San Francisco, CA 94105 at 9:45 a.m.

18. Adjournment

The Board meeting shall be adjourned by the Board Chair.

CONTACT:

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

(415) 749-5016
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, CALIFORNIA 94105
FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941**

**EXECUTIVE OFFICE:
MONTHLY CALENDAR OF AIR DISTRICT MEETINGS**

NOVEMBER 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Nominating Committee <i>(At the Call of the Chair)</i>	Wednesday	15	9:15 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	15	9:45 a.m.	1 st Floor Board Room
Board of Directors Climate Protection Committee <i>(Meets on the 3rd Thursday of every other Month)</i>	Thursday	16	9:30 a.m.	1 st Floor Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED AND RESCHEDULE TO THURSDAY, DECEMBER 14, 2017 AT 9:30 A.M.	Thursday	16	10:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	20	9:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i> - CANCELLED	Wednesday	22	9:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i> - CANCELLED AND RESCHEDULED TO THURSDAY, DECEMBER 7, 2017 AT 9:30 A.M. IN THE YERBA BUENA CONFERENCE ROOM, 1 ST FLOOR	Thursday	23	9:30 a.m.	1 st Floor Board Room

DECEMBER 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	6	9:45 a.m.	1 st Floor Board Room
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	7	9:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Thursday	7	10:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i>	Thursday	14	9:30 a.m.	1 st Floor Board Room

DECEMBER 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED AND RESCHEDULED TO THURSDAY, DECEMBER 14, 2017 AT 9:30 A.M.	Monday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED	Monday	18	10:30 a.m.	1 st Floor Board Room
Board of Directors Personnel Committee <i>(At the Call of the Chair)</i>	Monday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	20	9:45 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i> - CANCELLED AND RESCHEDULED TO THURSDAY, DECEMBER 7, 2017 AT 10:30 A.M.	Wednesday	27	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i> - CANCELLED AND RESCHEDULED TO THURSDAY, DECEMBER 7, 2017 AT 9:30 A.M.	Thursday	28	9:30 a.m.	1 st Floor Board Room

JANUARY 2018

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i> - CANCELLED	Wednesday	3	9:45 a.m.	1 st Floor Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED	Monday	15	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED	Monday	15	10:30 a.m.	1 st Floor Board Room
Board of Directors Regular Mtg. / Retreat <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	17	9:45 a.m.	TBD
Board of Directors Climate Protection Committee <i>(Meets on the 3rd Thursday of every other Month)</i>	Thursday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Wednesday	24	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	25	9:30 a.m.	1 st Floor Board Room

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 2, 2017

Re: Minutes of the Regular Board of Directors Meeting of November 1, 2017

RECOMMENDED ACTION

Approve the attached draft minutes of the Board of Directors Regular Meeting of November 1, 2017.

DISCUSSION

Attached for your review and approval are the draft minutes of the Board of Directors Regular Meeting of November 1, 2017.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Maricela Martinez

Attachment 4A: Draft Minutes of the Board of Directors Regular Meeting of November 1, 2017

AGENDA 4A– ATTACHMENT

Draft Minutes - Board of Directors Regular Meeting of November 1, 2017

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

Board of Directors Regular Meeting
Wednesday, November 1, 2017

DRAFT MINUTES

*Note: Audio recordings of the meeting are available on the website of the
Bay Area Air Quality Management District at
<http://www.baaqmd.gov/about-the-air-district/board-of-directors/resolutionsagendasminutes>*

CALL TO ORDER:

1. **Opening Comments:** Chairperson, Liz Kniss, called the meeting to order at 10:00 a.m.

Roll Call:

Present: Chairperson Liz Kniss; Vice Chairperson Dave Hudson; Secretary Katie Rice; and Directors Margaret Abe-Koga, Teresa Barrett, Pauline Russo Cutter, Tyrone Jue, Rebecca Kaplan, Doug Kim, Nate Miley, Karen Mitchoff, Hillary Ronen, Mark Ross, Rod Sinks, Jim Spering, Brad Wagenknecht, and Shirlee Zane.

Absent: Directors David J. Canepa, Cindy Chavez, John Gioia, Carole Groom, Scott Haggerty, Pete Sanchez, and Jeff Sheehy.

CONSENT CALENDAR ITEMS (2 – 5)

2. Minutes of the Regular Board of Directors Meeting of October 18, 2017
3. Board Communications Received from October 18, 2017 through October 31, 2017
4. Authorize the Executive Officer/Air Pollution Control Officer (APCO) to enter into a contract agreement with KBM Hogue in an amount not to exceed \$310,000
5. Approve Reclassifying and Y-Rating of One Executive Secretary to Administrative Secretary

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

Vice Chair Hudson made a motion, seconded by Director Wagenknecht, to **approve** Consent Calendar Items 2-5 inclusive; and the motion **carried** by the following vote of the Board:

AYES: Abe-Koga, Barrett, Cutter, Hudson, Jue, Kaplan, Kim, Kniss, Mitchoff, Rice, Sinks, Wagenknecht, and Spering.
NOES: None.
ABSTAIN: None.
ABSENT: Canepa, Chavez, Gioia, Groom, Haggerty, Miley, Ronen, Ross, Sanchez, Sheehy, and Zane.

COMMITTEE REPORTS

6. Report of the Mobile Source Committee Meeting of October 26, 2017

Mobile Source Committee Chair Mitchoff read:

The Committee met on Thursday, October 26, 2017 and approved the minutes of September 28, 2017.

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

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

The Committee then reviewed and discussed the staff presentation, Transportation Fund for Clean Air County Program Manager Fund Policies for Fiscal Year Ending 2019 and a Request for a Waiver for Fiscal Year Ending 2018 County Program Manager Policies from San Francisco County Transportation Agency. The Committee recommends the Board:

- 1. Approve the proposed Fiscal Year Ending 2019 Transportation Fund for Clean Air County Program Manager Fund Policies; and*
- 2. Approve a policy waiver to allow San Francisco County Transportation Agency to include emissions reduction credit for replacing medium-heavy duty vehicles in the cost-effectiveness evaluation of a Fiscal Year Ending 2018 Transportation Fund for Clean Air County Program Manager light-duty vehicle project.*

The Committee requested that staff consult with the Alameda County Transportation Commission to determine if an extension was necessary for a waiver granted to them for the Fiscal Year Ending 2017 Transportation Fund for Clean Air County Program Manager policies. Staff has consulted with the Alameda County Transportation Commission and determined that no additional action is necessary, as the waiver granted last year by the Board of Directors spans two years and is effective to the end of Fiscal Year Ending 2018.

Finally, the Committee reviewed and discussed the staff presentation, Accept, Obligate, and Expend Funding from the California Air Resources Board, Metropolitan Transportation Commission, and Bay Area Clean Air Foundation. The Committee recommends the Board:

- 1. Authorize the Bay Area Air Quality Management District to accept, obligate, and expend funding from the following three new awards:
 - a. Up to \$10 million from the California Air Resources Board to implement an Enhanced Fleet Modernization Plus-up Program;*
 - b. Up to \$2 million in Reformulated Gas Settlement Funds from the Bay Area Clean Air Foundation, to help accelerate the adoption of zero- and near-zero-emission equipment and vehicles operating in and around the Port of Oakland and the surrounding West Oakland community and;*
 - c. \$10 million from the Metropolitan Transportation Commission for the Air District's Spare the Air and light-duty electric vehicle programs.**
- 2. Adopt resolutions authorizing the Air District to accept, obligate, and expend the funds awarded from the California Air Resources Board for the Enhanced Fleet Modernization Plus-up Program and the funds from the Metropolitan Transportation Commission for the Air District's Spare the Air and light-duty electric vehicle programs; and*
- 3. Authorize the Executive Officer/Air Pollution Control Officer to enter into all agreements necessary to accept, obligate, and expend this funding.*

The next meeting of the Mobile Source Committee will be held on Thursday, December 7, 2017, at 9:30 a.m., at the Bay Area Air Quality Management District Office, 375 Beale Street, Yerba Buena Room, San Francisco, California 94105. I move that the Board approve the Mobile Source Committee's recommendations. This concludes the Chair Report of the Mobile Source Committee.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

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

AYES: Abe-Koga, Barrett, Cutter, Hudson, Jue, Kaplan, Kim, Kniss, Mitchoff, Rice, Ronen, Sinks, Wagenknecht, and Spering.
NOES: None.

ABSTAIN: None.

ABSENT: Canepa, Chavez, Gioia, Groom, Haggerty, Miley, Ross, Sanchez, Sheehy, and Zane.

7. Report of the Advisory Council Meeting of October 30, 2017

Ex-Officio Advisory Council Member Sinks read:

The Council met on Monday, October 30, 2017, and approved the minutes of February 6, 2017, and April 3, 2017, as amended.

The Council then received the staff presentations;

- Protecting Refinery Communities from Air Pollution.
- Air Monitoring and Attainment Status of Criteria Pollutant Standards in the San Francisco Bay Area
- Advisory Council Next Area of Focus: Beyond Attainment – Prioritization for Local Health Impacts.
- Introduction to the Office of Environmental Health Hazard Assessment in Anticipation of Future Discussion Regarding Particulate Matter Health Effects.
- Complexity of Particulate Matter and Its Effects on Human Health.
- Beyond Attainment – Prioritization for Local Health Impacts and;
- *Advisory Council Terms.*

The next meeting of the Council is at the call of the Chair. This concludes the Chair Report of the Advisory Council.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

None; receive and file.

PRESENTATIONS

8. Information Presentation on Toxic Air Contaminants and Control Programs (OUT OF ORDER, ITEM 10)

Jack Broadbent, Executive Officer/APCO explained that the Board of Directors will be considering Draft Rule 11-18 for adoption at their November 15, 2017 meeting, and that this presentation is meant to serve as an overview for the newer Board members.

Jean Roggenkamp, Deputy Executive Officer, introduced Dr. Phil Martien, Air Quality Engineering Manager, and Jaime Williams, Director of Engineering, who jointly gave the staff presentation *Informational Presentation of Toxic Air Contaminants and Control Programs*, including: overview; what are toxic air contaminants (TAC); examples of TACs and health impacts; TAC emission sources – diesel exhaust particulate matter, organic gases, and metals; regulatory authority and framework for TACs; how do we measure impacts; exposure and toxicity determine health impacts; cancer risk weighted emissions by pollutant and source category (2005); cancer-risk-weighted emissions from stationary sources (2015); Bay Area lifetime cancer risk from TAC exposure; overall pollution down, but higher risks in some communities; exposure/risk depends on location; stationary sources contribute to local risk; TAC impact mitigation programs; Toxics New Source Review (Rule 2-5); Air Toxics Hot Spots program (AB 2588); risk action thresholds; health risk assessment process and considerations; potential risk reduction measures; diesel engine toxics control measures; crematorium toxics control measures; paint booth toxics control measures; control measure examples; and summary.

Public Comments:

Public comments were made by Angela Scott and Esther Goolsby, Communities for a Better Environment; and Bob Brown, Western States Petroleum Association.

Board Comments:

The Board and staff discussed whether staff breaks down the District's "Bay Area Lifetime Cancer Risk" data into sub-regions, and if so, the number of sub-regions that are experiencing a decrease in cancer risk; the suggestion that the District particularly monitors the influx of construction site pollution that will result as the North Bay rebuilds from fire trauma; the feasibility of receptor-side mitigation for sensitive receptors, and the suggestion that the District develop incentives or discounts for building filtration systems to be made available to building owners to increase the amount of locations that can offer cleaner air; which agencies have regulatory authority over ships and commercial boats, construction equipment, and on-road mobile sources of pollution; what the District can do to address ultrafine diesel Particulate Matter (PM), how Draft Rule 11-18 may address diesel exhaust PM, and the California Statewide Portable Equipment Registration Program; whether the District's maps showing cancer risk include hotspots in communities downwind from refineries and at cement plants; how aggressive the risk management threshold of 10 in a million is, and which other Air Districts in California enforce it versus a 25 in a million threshold; the challenges of the aggressive timeline for Draft Rule 11-18; the District's definition of "synergistic effects of multiple air toxics"; whether Health Risk Analyses will be conducted on facilities involved with rebuilding the North Bay fire communities under Draft Rule 11-18, or if that emergency work will be exempt from the Rule; whether cumulative impacts factor into the District's permitting process; the suggestion that

the District implements short-term measures to mitigate impacts of air pollution in highly-impacted areas; the request that staff present the Board with a comparison of health benefits between risk management thresholds of 25 in a million and 10 in a million; the analyses that the District has conducted regarding the crematorium in East Oakland, the history of the City's litigation of the facility, the status of the current construction permit, how Draft Rule 11-18 may affect the facility, whether the District may consider community-side mitigation, the need for the City to look at what other sources are impacting that neighborhood, and the request that the District also pays attention to the portion of San Leandro that is adjacent to Oakland, as both cities are highly-impacted; and the challenges of regulating industrial areas that are later zoned for housing.

NOTED PRESENT: Director Ross was noted present at 10:21 a.m. and Director Miley was noted present at 10:31 a.m.

9. **2017 Summer Spare the Air Season Summary (ITEM 8)**

Mr. Broadbent introduced Lisa Fasano, Communications Officer, who gave the staff presentation *2017 Spare the Air Campaign*, including: advertising; campaign highlights; social media; media relations; employer program; and research.

Public Comments:

No requests received.

Board Comments:

The Board and staff discussed the number of N-95 particulate respirator masks were purchased and distributed to shelters by the District during the North Bay fires; the suggestion that staff procure carpool data from the Bay Area Toll Authority, even though their data does not take into consideration green or white stickers on clean air vehicles; the suggestion of expanding online Spare the Air advertising to directly connect with online carpooling matching applications; the suggestion of a "women only" carpooling application in order to increase the number of female carpoolers who might not otherwise feel safe; and the request that the District's future collaboration with MTC geo-targets corridors or sub-regions of the Bay Area that would most benefit from maximized/increased carpooling.

Board Action:

None; receive and file.

10. **Winter Spare the Air Season 2017-18 Update (ITEM 9)**

Ms. Roggenkamp introduced Wayne Kino, Director of Compliance and Enforcement, who gave the staff presentation *Winter Spare the Air Season 2017-18 Update*, including: wood burning device rule summary; Winter PM_{2.5} seasons; wood smoke enforcement; enforcement highlights; Winter Spare the Air campaign; social media and outreach; Wood Smoke Reduction Incentive program; wood smoke information by county; and next steps.

Public Comments:

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

Board Comments:

The Board and staff discussed the value in surveying residents who applied for wood smoke exemptions in 2015-16 to find out why they did not apply for exemptions in 2016-17, and why residents in general are not choosing to burn; the suggestion that, due to the fire devastation in the North Bay, the District shift its social media outreach to the North Bay and increase enforcement there; the suggestions that the District collect psychological research on fire survivors and possible correlation to non-respiratory health effects so that knowledge may be applied to North Bay fire survivors; the timeline for the upcoming funding cycle of the Wood Smoke Reduction incentive program, and whether additional funds for the program will be procured; the request that the Wood Smoke Reduction Incentive program application be sent to the Board members; the request that the Board members receive the language requiring rental properties in natural gas service areas to have permanently installed forms of heat that do not burn solid fuel, as well as the disclosure language describing negative health impacts of PM2.5 from wood-burning devices at rental properties; whether tree bark that was previously sprayed with pesticides and then burned is subject to Draft Rule 11-18; the request for further analysis on the categories of the awarded grants from the Wood Smoke Reduction Incentive program; the suggestion of discouraging recreational burning outdoors when the District calls Spare the Air days and issues health advisories; the effectiveness of the District's cigarette images in fireplaces and chimneys communicating to the public the dangers of wood smoke; the suggestion that the District rethink which parts of the Bay Area are highly-impacted, due to the fire trauma in the North Bay; and request that special consideration for incentives and programs be given to the North Bay fire communities (especially to areas that do not have access to gas), so that conversions are accelerated within those areas.

Board Action:

None; receive and file.

PUBLIC COMMENTS ON NON-AGENDA MATTERS

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

No requests received.

BOARD MEMBERS' COMMENTS

12. Board Members' Comments

- Director Kim asked the District to let Board members know which air-related items need to be included in emergency kits during natural disasters.
- Secretary Rice thanked David Burch, Principal Environmental Planner for the District, for speaking at the Marin County Health & Human Services Learning Lab workshop on October 18, 2017. Secretary Rice urged the District to educate the local governments and the public on the connection between climate change and public health, to promote behavior change.

- Director Barrett thanked District staff for delivering to her 900 N-95 masks during the North Bay fires. She distributed the masks to facilities where seniors and families were gathered.
- Regarding the rebuilding that will be taking place in the North Bay, Director Miley suggested that the District ensure that new construction allows only natural gas fireplaces. When Mr. Broadbent reminded the Board that District Rule 6-3-213 already requires this as of November 2016, Director Mitchoff suggested that the District reminds City and County building permit offices and City Managers of this rule.
- Vice Chair Hudson suggested that the California Air Pollution Control Officers Association hires a third party to collect data on regional fires, rather than require the affected area pay for the research.
- Vice Chair Hudson urged staff not to call Spare the Air days on Thanksgiving and Christmas, but suggested calling Spare the Air days just prior to the actual holidays (if necessary).

OTHER BUSINESS

13. Report of the Executive Officer/Air Pollution Control Officer

Mr. Broadbent had nothing to report. His summary of ozone seasons presentation is posted on the BAAQMD website.

14. Chairperson's Report

Chair Kniss announced that the Solano County City Selection Committee reappointed Director Sanchez to the District's Board of Directors for another two-year term.

She also announced to the Board members that those who are interested in serving as an officer on the Board in 2018, or wish to nominate a fellow Board Member, must do so by close of business November 1, 2017.

15. Time and Place of Next Meeting

Wednesday, November 15, 2017, at 375 Beale Street, San Francisco, CA 94105 at 9:45 a.m.

16. Adjournment

The meeting adjourned at 12:31 p.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 1, 2017

Re: Board Communications Received from November 1, 2017 through November 14,
2017

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Copies of communications directed to the Board of Directors received by the Air District from November 1, 2017, through November 14, 2017, if any, will be at each Board Member's place at the November 15, Board meeting.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman

Reviewed by: Maricela Martinez

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 1, 2017

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

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The report covers the out-of-state business travel for the month of October 2017. 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 October 2017:

- Jason Wilkinson, Human Resources Analyst, attended the NeoGov Annual Training Conference in Las Vegas, Nevada, October 24th – 28th, 2017
- Kenneth Mak, Staff Specialist, attended the AWMA Conference in Washington, District of Columbia, October 9th – 11th, 2017
- Henry Hilken, Director of Planning & Research, attended the AWMA Conference in Arlington, Virginia, October 9th – 12th, 2017
- Karen Schkolnick, Director of Strategic Incentives, presented, attended meetings and conferences – and toured facilities in Holland and Germany, October 7th – 14th, 2017

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Stephanie Osaze
Reviewed by: Rex Sanders

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 2, 2017

Re: Notices of Violations Issued and Settlements in Excess of \$10,000 in the month of
October 2017

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 month 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. Bungler

Attachment 7A: Notices of Violation for the Month of October 2017

AGENDA 7A: ATTACHMENT

NOTICES OF VIOLATION ISSUED

The following Notice(s) of Violation were issued in October 2017:

Alameda						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
AC Transit District - Central Maintenance Building	A2258	Oakland	A56394A	10/16/17	9-7-307	Failed NOx Source test
Argent Materials Inc	E2474	Oakland	A56395A	10/19/17	2-1-301	Unpermitted source in operation
Argent Materials Inc	E2474	Oakland	A56395B	10/19/17	2-1-302	Unpermitted source in operation
Conflo Services, Inc.	Z0924	Hayward	A57433A	10/11/17	11-2-303.1	No containment, no wetting
Conflo Services, Inc.	Z0924	Hayward	A57433B	10/11/17	11-2-303.6	No containment, no wetting
Conflo Services, Inc.	Z0924	Hayward	A57434A	10/11/17	11-2-304.1	Improper waste handling, no notification
Conflo Services, Inc.	Z0924	Hayward	A57434B	10/11/17	11-2-401.3	Improper waste handling, no notification
Form Factor	B4266	Livermore	A57380A	10/6/17	2-1-307	Exceeded throughput for IPA usage permit condition 19709
Gallagher & Burk, Inc	A0073	Oakland	A56393A	10/16/17	2-1-307	Failed PM source test
Thermo Fisher Scientific	B4976	Pleasanton	A57381A	10/10/17	9-7-403	No annual source test/initial demonstration of compliance
Thermo Fisher Scientific	B4976	Pleasanton	A57381B	10/10/17	9-7-506	No annual source test/initial demonstration of compliance

Contra Costa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Bio-Rad Laboratories	B6203	Hercules	A56915A	10/4/17	8-16-501.3	No usage records for wipe cleaning operation in building 925.
Chevron Products Company	A0010	Richmond	A55787A	10/26/17	1-301	5 confirmed complaints to Bio-reactor odor
Chevron Products Company	A0010	Richmond	A55788A	10/26/17	1-301	10 confirmed complaints to Bio-reactor odor
Chevron Products Company	A0010	Richmond	A56424A	10/26/17	1-301	Five confirmed odor complaints
Criterion Catalysts Company LP	A0227	Pittsburg	A57678A	10/17/17	1-522.7	Late reporting of CEM Excess
NRG Marsh Landing, LLC	B9169	Antioch	A57679A	10/19/17	1-522.7	Excess Episode 07D02 Reported after 96 hrs.
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A56368A	10/24/17	2-6-307	Barge 650-10 not inspected and insufficient record of tank condition
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A56368B	10/24/17	8-44-501.1.8	Barge 650-10 not inspected and insufficient record of tank condition
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A56370A	10/24/17	2-6-307	Silver Euplecta not inspected and insufficient record of tank condition
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A56370B	10/24/17	8-34-501.1.8	Silver Euplecta not inspected and insufficient record of tank condition
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A56423A	10/20/17	8-18-401.2	Two valves missed one quarterly inspection. Dev #4820.
Shell Martinez Refinery	A0011	Martinez	A57580A	10/30/17	9-1-307	E07D74 SO2 > 250ppm

Shell Martinez Refinery	A0011	Martinez	A57581A	10/30/17	10	E07D75 40CFR60.104(a)(a) >162ppm H2S / 3hours
Shell Martinez Refinery	A0011	Martinez	A57582A	10/30/17	9-2-301	E07D97 H2S > 60ppb/3min
Shell Martinez Refinery	A0011	Martinez	A57583A	10/30/17	12-11-503	Lost all pilots to the flare
Shell Martinez Refinery	A0011	Martinez	A57583B	10/30/17	10	Lost all pilots to the flare
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56227A	10/26/17	2-6-307	Refinery fuel gas used for pilot gas
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56253A	10/26/17	2-6-307	Refinery fuel gas used as pilot gas
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56254A	10/26/17	2-6-307	Late reporting of inoperative monitor. RCA #07D98
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56254B	10/26/17	1-522.4	Late reporting of inoperative monitor. RCA #07D98
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56255A	10/26/17	2-6-307	Late reporting of inoperative monitor. RCA #07E11
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56255B	10/26/17	1-522.4	Late reporting of inoperative monitor. RCA #07E11
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56256A	10/26/17	9-10-305	Failed FAT, CO excess. CEM 158-17
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56256B	10/26/17	1-522.6	Failed FAT, CO excess. CEM 158-17
TRC	B2967	Antioch	A55827A	10/6/17	8-34-301.2	Leak at blower > 10,000ppm
TRC	B2967	Antioch	A55827B	10/6/17	CCR	Leak at blower > 10,000ppm

San Francisco						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
San Francisco General Hospital	A3974	San Francisco	A56593A	10/3/17	9-7-506	No Annual Testing With Certified Analyzer

Santa Clara						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
City of San Jose (Singleton Road Landfill)	A4175	San Jose	A55786A	10/3/17	8-34-301.1	Loss of Less than Continuous Operation Exemption
Concrete Designs	B8567	Morgan Hill	A55710A	10/25/17	2-1-302	Permit to Operate expired 11/1/14.
Zero Waste Energy Development Company, LLC	E1277	San Jose	A55700A	10/3/17	2-1-307	2 overpressure events linked to episode# 07E09 and 07R40.

Solano						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Valero Refining Company - California	B2626	Benicia	A57331A	10/24/17	2-6-307	3-hr avg. NOx limit of 10 ppm exceeded.
Valero Refining Company - California	B2626	Benicia	A57332A	10/24/17	2-6-307	Calendar day CO limit of 100 ppm exceeded.
Valero Refining Company - California	B2626	Benicia	A57333A	10/24/17	8-18-309	7 open ended lines discovered by LDAR audit during 2 nd qtr.
City of Petaluma, Dept of Water Resources & Convs	A1071	Petaluma	A56137A	10/16/17	2-1-307	Failure to meet Permit Condition 22134

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There were 3 settlement(s) for \$10,000 or more completed in October 2017.

- 1) On October 11, 2017, the District reached settlement with United States Department of Veterans Affairs, Palo Alto Veterans Administration Healthcare System for \$26,000, regarding the allegations contained in the following 1 Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56707A	7/25/16	1/1/13	9-7-403	No Source Test for 9.8 MM BTU/hr boiler
A56707B	7/25/16	1/1/13	9-7-506	No Source Test for 9.8 MM BTU/hr boiler

- 2) On October 14, 2017, the District reached settlement with Hing Wah Construction for \$10,000, regarding the allegations contained in the following 1 Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56895A	6/14/17	6/12/17	11-2-303.7	303.7, 303.8, 303.9, 304.1
A56895B	6/14/17	6/12/17	11-2-303.8	303.7, 303.8, 303.9, 304.1
A56895C	6/14/17	6/12/17	11-2-303.9	303.7, 303.8, 303.9, 304.1
A56895D	6/14/17	6/12/17	11-2-304.1	303.7, 303.8, 303.9, 304.1

- 3) On October 16, 2017, the District reached settlement with Double Rock Ventures, LLC & McCormack Baron Salazar, Inc. for \$12,000, regarding the allegations contained in the following 1 Notice of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56558A	12/14/16	10/10/16	CCR 93105 e(2)(A)2	Failure to implement provisions of ADMP by failing the adequately wet test method

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 6, 2017

Re: Quarterly Report of the Executive Office and Division Activities for the Months
of July 2017 – September 2017

**ADMINISTRATIVE RESOURCES DIVISION
R. SANDERS, DIRECTOR**

Human Resources

The Human Resources (HR) Office conducted 11 recruitment exams including exams for Assistant Manager (2), Air Quality Inspector, Senior Air Quality Engineer, Supervising Air Quality Specialist (2), Principal Air Quality Engineer, Environmental Planner, Senior Air Quality Specialist, Temporary Air Quality Engineer, Senior Atmospheric Modeler, Air Quality Engineer, and Director. In addition, the HR Office offered 23 training sessions, including: Microsoft Access, Defensive Driver, Change Management, Effective Performance Reviews, NeoGov User Trainings, and Situational Leadership Training. The HR Office continues to administer payroll, benefits, safety, labor/employee relations, and wellness activities. There are currently 329 regular employees, 11 temporary employees and interns, and 38 vacant positions. There were 4 new employees, 5 promotions, and 7 separations from July to September 2017.

Business and Facilities Office

The Business Office issued 356 purchase orders, executed 133 contracts and 5 leases. There were 7 requests for proposals/qualifications during the period. Fleet services sold 2 vehicles and sent 9 vehicles for maintenance and/or body shop repairs. There were 274 pool vehicle use requests (107 from MTC staff and 167 from District staff). There are currently 119 fleet vehicles: 1 electric, 1 hydrogen, 24 plug-in hybrids, 24 gas, 13 CNG, and 56 hybrids. Facility services received 35 Workspeed requests, facilitated 17 furniture orders and completed 25 ad-hoc projects/tasks. Facilities performs daily maintenance of the coffee machines, replenishes coffee and tea supplies in the District coffee bar and pantries, and replenishes office supplies in the copy/supply rooms.

**COMPLIANCE AND ENFORCEMENT DIVISION
W. KINO, DIRECTOR**

Enforcement Program

Staff documented 212 air pollution violations that resulted in Notices of Violation and responded to 880 general air pollution complaints. These activities addressed noncompliance with applicable federal, state and air district regulations and provided for a mechanism for the public to voice their concerns about air pollution issues that might be in noncompliance. Additionally, highlighted enforcement activities for the quarter are as follows:

- On July 5, 2017, staff issued a Notice of Violation (NOV) for a modification to Newby Island Landfill's compost feedstock. The facility began incorporating food waste into the compost feedstock sometime in 2001, however the Air District permit only allowed the processing and handling of yard/green waste material. Staff issued an NOV for failure to comply with Air District General Permit Requirements, Regulation 2-1-301 (Authority to Construct) and Title V Major Facility Review, Regulation 2-6-309 (Prohibited Modification). The facility operator will need to submit an application for the food waste stream as part of the compost feedstock, and account for organic emissions from the operation.
- On July 11, 2017, a fire erupted at Alco Iron & Metal Company, a metal recycling facility in San Leandro. The fire appeared to be centered in a large mixed-metal scrap heap. Heavy smoke blew to the east and south of the facility. Part of Doolittle Drive was closed off to traffic and a shelter-in-place was issued for the downwind area, a mixture of businesses, industrial facilities and residences. The Air District received two related complaints from the public. The preliminary cause of the fire is still under investigation.
- On August 3, 2017, staff confirmed 5 odor complaints in the Milpitas area to Newby Island Landfill's green waste stockpiles. The facility uses a mixture of chipped and grinded green waste and food waste in the composting operation to form compost windrows. While odors associated with the green waste operation is within the jurisdiction and authority of the San Jose Local Enforcement Agency (LEA), Air District Enforcement and Engineering staff continued working on developing more stringent permit requirements to ensure organic emissions are minimized through best management practices and odor control technologies.
- On August 18, 2017, staff teleconferenced with the San Francisco Bay Regional Water Quality Control Board (Water Board) and discussed jurisdictional issues for air quality enforcement in the Mission Bay Redevelopment area, San Francisco. The Water Board informed staff that the Air District had enforcement authority for air quality rules and regulations and approval authority for asbestos dust mitigation plans (ADMPs) at (most) construction projects contrary to what the agencies had believed and had been operating under. The two agencies had been working under the premise that all construction projects within the area were subject to the AB 2061 process,

- which designated the Water Board as the designated administering agency with full enforcement and approval authority for asbestos dust mitigation plans (ADMPs). The parties agreed to a path forward, which included notifying all applicable construction projects with Water Board approved ADMPs of the recent decision.
- The Agricultural Waste Chipping Program kicked off its third season August 28, 2017. The program provides free chipping services to qualifying agricultural operations to reduce smoke particulate pollution from Bay Area skies. Davey Tree Expert Company will once again be the Air District's chipping contractor. The Board of Directors approved \$150,000 of funding for the program.
 - Staff issued a Notice of Violation to the Russian Consulate in San Francisco for burning prohibited materials in the Consulate's fireplace on September 1, 2017.
 - On September 14, 2017, Air District Enforcement and Engineering staff met with Republic Services representatives to discuss plans to enclose and abate the waste sorting and processing operation at Newby Island's Material Recovery Facility (MRF). The facility's proposal did not adequately address the Air District's odor concerns. A follow-up meeting was scheduled for October 19, 2017 for Republic Services to present to the Air District a timely proposal that can effectively reduce and abate garbage odors in the Milpitas area.
 - On September 28, 2017, staff met with CalRecycle and the City of San Jose Local Enforcement Agency (LEA) staff to discuss the Newby Island facility's covered aerated static piles (CASP) and the Air District's permitting authority, process and state/federal requirements. Staff discussed concerns associated with odors and organic emissions from composting operations and the need to address the growing solid waste industry in California. The Air District and CalRecycle agreed that a collaborative approach is needed to ensure these types of facilities operate in compliance with regulatory requirements within each agency's jurisdictional authority.
 - September 2017, West Contra Costa County Landfill (WCCCL - Republic Service) accumulated over 30,000 cubic yards of green & food waste that they have been unable to process into their new Covered Aerated Static Pile (CASP) composting equipment. This is a violation of their Authority to Construct permit conditions that requires the facility start actively composting all received food and green wastes within 48 to 72 hours respectively. Staff have determined these materials have been stored in anaerobic/static conditions for over a month. Staff issued a Notice of Violation (NOV) and Republic Services has responded by attempting to move approximately 300 tons of this green & food waste material per day to their Newby Island composting facility in Milpitas. Staff will be monitoring the Newby Island site for odors and to ensure the facility remains within their permitted daily usage limits imposed by the San Jose Local Enforcement Agency.
 - Staff participated in monthly conference calls with Lehigh Southwest Cement representatives to discuss ongoing compliance/permitting/source testing issues and concerns.

Compliance Assurance Program

Staff conducted over 3,746 inspections including permitted facilities, gasoline stations, asbestos, open burning, portable equipment and mobile sources. Additionally, highlighted inspection activities for the quarter are as follows:

- On July 7, 2017, at approximately 10 am, Shell Refinery, Martinez reported a level 1 (onsite and possible offsite impact) to the Contra Costa County Community Warning System as a result of a valve that was leaking heavy pitch (oil) from piping associated with the Flexigas Unit (FXU). The leak did not result in any flaring, ground level monitor (GLM) activity, or emissions that exceeded District standards.
- On July 17, 2017, staff met with representatives of the Warriors Stadium (Chase Center) construction project to discuss elevated levels of asbestos from its perimeter ambient monitoring network, dust mitigation practices, and remaining project schedule. Staff emphasized the importance of maintaining dust mitigation efforts throughout the project site including during the nighttime soil haul-off work.
- On July 20, 2017 staff attended the quarterly South Bay Odor Stakeholders Group meeting to discuss odor concerns in the region with various community representatives, industry stakeholders and representatives from local government entities. Staff spoke about two major improvements that Republic Services has committed to, including the enclosure and abatement of the material recovery facility (MRF) and the conversion of compost windrows to compost aerated static piles (CASP). All stakeholder group members were encouraged and optimistic that these improvements are a positive step forward to reducing odors in the area. District Staff will provide updates to these planned projects as more information becomes available.
- On July 20, 2017, the Heavy Liquids Study (HLS) being conducted at the Phillips Refinery was suspended pending a safety review. Last week Enforcement Staff's Carbon Monoxide (CO) monitors alarmed during the inspection and staff evacuated the process unit. Management held two meetings with staff to evaluate safety concerns regarding the HLS.
- On August 1, 2017, staff met regarding Criterion Catalyst's, Pittsburg (manufacturer of a variety of catalysts for the oil and styrene manufacturing industries) trial testing results from source test that were completed by an outside consulting firm on May 3 and 4, 2017. Staff has met with Criterion to discuss alternative permit conditions because of the testing.
- On August 16, 2017, at approximately 6 pm Shell Refinery, Martinez Flexicoker Unit (FXU) Flared. Flaring was caused by the depressuring of the FXU when tubing leading into a column broke. The tubing was being used to conduct a chemical injection into the column. The flaring exceeded the District's 500,000 standard cubic foot (scfs) limit and the facility reported the flaring event to the District. District staff is investigating to determine if there are any violations associated with this incident.
- In August 2017, the Compliance and Enforcement Division selected Hazard Solutions LLC as the industrial safety contractor to evaluate staff safety concerns that were encountered during the heavy liquids study.

- On September 13, 2017 Staff received the BAAQMD Heavy Liquid Project Safety Report from Hazard Solutions LLC. Staff has suspended the heavy liquid study and is working with Western States Petroleum Association (WSPA) and the Refineries to facilitate alternatives for completing the study.
- As part of the CalEPA EJ Task Force Oakland Initiative, inspections were conducted at various industries in West and East Oakland by multiple agencies from November 2016 to April 2017. Two community meetings were held to report the results of the inspections. Information on how communities can help increase compliance with environmental laws and decrease pollution in their neighborhoods was also shared. The first meeting took place in West Oakland on July 13, 2017 and the second one took place in East Oakland on July 20, 2017.
- On September 14, 2017, staff met with Five Point Holdings, LLC, (formerly known as Lennar Urban), to discuss compliance concerns and construction updates at its five naturally occurring asbestos (NOA) construction projects located in southeast San Francisco that were subject to the state's asbestos Air Toxics Control Measure (ATCM) for construction, grading, quarrying and surface mining.
- Staff approved eight Asbestos Dust Mitigation Plans (ADMPs) for the following projects: 1) RIN# 0145, Hunters Point East West Redevelopment Project, San Francisco; 2) RIN# 0148, 2000 Bryant Street Project, San Francisco; 3) RIN# 0149, Gateway Station West Project, Newark; 4) RIN# 0150, UCSF 590/600 Minnesota Street Project, San Francisco; 5) RIN# 0151, UCSF Mission Bay Block 23A Project, San Francisco; 6) RIN# 0152, UCSF Mission Bay Block 33 Project, San Francisco; 7) RIN #0153, Soscol Ave Project, Napa; and, 8) RIN# 0153, Belgatos Reservoirs Replacement Project, Los Gatos. These Naturally Occurring Asbestos (NOA) projects were required to perform asbestos ambient perimeter air monitoring and submit results to the District on a bi-weekly basis. In addition, staff approved six ADMP amendment requests.

Compliance Assistance and Operations Program

Staff received and evaluated over 1,770 plans, petitions, and notifications required by the asbestos, coatings, open burn, tank and flare regulations. Staff received and responded to over 52 compliance assistance inquiries and green business review requests. Additionally, highlighted compliance assistance activities for the quarter are as follows:

- The Fall Marsh Management Burn Season started on September 1, 2017.
- Staff conducted 119 inspections for the Strategic Incentives Division (SID).

(See Attachment for Activities by County)

**ENGINEERING DIVISION
J. WILLIAMS, DIRECTOR**

Permit Activity Statistics

The following table summarizes permit activity in the 3rd quarter:

Permit Activity			
New applications received	285	New facilities added	130
Authorities to Construct issued	204	Permit Exemptions (entire application deemed exempt)	13
Permits to Operate issued (new and modified)	252	Annual update packages completed	747
Registrations (new)	48		

Health Risk Analysis (HRA): 67 HRAs were completed during the reporting period.

Energy Projects

Chevron Richmond Refinery (Richmond): The Authority to Construct for the Modernization Project was renewed for an additional two-year period, to expire on February 11, 2019. Chevron was eligible for renewal based on ‘substantial use’ or acquisition of the equipment that constitutes the source and ongoing construction activities other than grading or installation of utilities or foundations. Air District staff confirmed substantial use at a site visit on July 26, 2017.

On August 31, 2017, Air District staff met with Chevron, the City of Richmond and the city’s consultant (Ramboll Environ) at the Chevron Refinery to tour the progress made on the construction of the Modernization Project. Ramboll Environ presented an update on the tool that they are developing that Chevron will use to demonstrate ‘no net increase’ from the Modernization Project and refinery activities for CEQA.

Chevron Richmond Refinery (Richmond): Chevron submitted a permit application for a 400-gallon refillable tote tank and a 217-gallon transfer tote hold corrosion inhibitor to be injected into a recycle water stream at the inlet to a heat exchanger train at the crude unit. The project involves installation of the tote tanks and fugitive components. The smaller tank is exempt from permitting due to the volume being less than 206 gallons (Regulation 2-1-123.1). The project passed the health risk assessment and fugitive emissions have been offset. The Authority to Construct was issued and Notice of Exemption for CEQA was filed on September 8.

Tesoro Golden Eagle Refinery (Martinez): Tesoro submitted an application to permit a 2,722 brake horse power diesel engine will drive an emergency backup generator located at one of the Gas Plants at the refinery. The engine is permitted to operate for no more

than 50 hours per year for non-emergency service. The Authority to Construct was issued and the Notice of Exemption for CEQA was filed with the county clerk on September 15.

Shell Martinez Refinery (Martinez): To comply with the Low Carbon Fuel Standard requirement, Shell plans to implement an energy recovery project that will decrease energy consumption, decrease greenhouse gases and increase gasoline quality. The Catalytic Gas Plant Energy Recovery Project permit application includes changes to the catalytic gas plant (CGP) and the catalytic gasoline hydrotreater (CGH) and installation of new fugitive components. Changes to the CGP and CGH will improve separation and reduce energy consumption. The project does not change the crude processing capacity of the refinery and there will be no increase in the utilization of any upstream or downstream process units, support units, or heaters and boilers. There are no emissions directly associated with the CGP and the CGH with the only emission increases from fugitive components (<1 lb./day). The Authority Construct was issued and the Notice of Exemption for CEQA was filed with the county clerk on September 15, 2017.

SFPP, LP (Concord): SFPP submitted an application to upgrade the assist air blower at their vapor combustion unit. Increasing assist air at this abatement device assures the burner combusts 99.8% of the vapors at 1) high concentration and 2) direct mode (bypass the bladder tank). Throughput of vapor from the loading rack will not change and the firing rate of the vapor combustion unit will not change. There will be no increase in emissions. The Authority to Construct was signed and the Notice of Exemption for CEQA was filed with the county clerk on September 8, 2017.

Chevron Richmond Terminal (Chevron Inc., Richmond): To comply with the Low Carbon Fuel Standard, the Chevron Richmond Terminal will install a 6,000-bbl. fixed roof storage tank for biodiesel (B100). The project includes fugitive components. B100 will be offloaded from trucks into the tank and from the tank to the truck loading lanes where B100 is blended into existing diesel risers at the loading rack. The project is exempt from District permitting due to the volatility of biodiesel and fugitive components are less than 10 lb./day (Regulation 2-1-123.3.2 and 2-1-128.21.2).

CEQA Projects

Phillips 66 Marine Terminal Permit Revision Project (Rodeo): The facility is requesting an increase in the amount of crude oil/gas oil that may be unloaded at the marine terminal from 51,182 barrels per day to 130,000 barrels per day. The project does not require any physical modifications or construction. The proposed project would enable the refinery to receive and process higher rates of ship-delivered crude and gas oil, replacing roughly equivalent volumes of pipeline-delivered crudes with ship-delivered crudes. The proposed project would not affect the characteristics of the crude oil and gas oil the refinery is able to process. Phillips submitted the application on August 2, 2013. A previous permit application (#22904) was approved on March 13, 2013 to increase the amount of crude oil/gas oil that may be unloaded at the marine terminal from 30,682 barrels per day to 51,182 barrels per day. The Air District acted as the lead agency for

CEQA for the project. The current CEQA analysis will evaluate the increase in ship emissions from the activity level prior to application #22904 to 130,000 barrels per day. The Air District will act as the lead agency for CEQA for this project and has hired a CEQA Review Consultant to conduct the CEQA review. The Air District released a Notice of Preparation and held a public scoping meeting in Hercules, California on June 22, 2017. Approximately 35 people attended. The Air District held a second public scoping meeting in Vallejo, California on July 27, 2017 with approximately 50 people in attendance. Staff participated in a community meeting organized by Supervisor Monica E. Brown at the Benicia City Hall on August 14, 2017 to receive comments on the scope and content of the Air District's environmental analysis of the Phillips 66 Marine Terminal Permit Revision Project. The comments for the scoping period started on June 22, 2017 and was originally scheduled to end on July 23, 2017, but was extended to August 28, 2017. Staff is reviewing and considering the comments for the draft Environmental Impact Report.

Permits and Projects

Waste Management of Alameda County (Livermore): On September 21, 2017, the Air District issued the Authority to Construct to Waste Management for a new covered aerated static pile (CASP) composting facility at the Altamont Landfill and Recycling Facility. Alameda County is the lead agency for the purposes of CEQA for this project. Alameda County certified an Initial Study and Mitigated Negative Declaration (IS/MND) for this project in March 2013. The Air District reviewed this IS/MND, found that this project will not have a significant impact on the environment. The Air District filed a Notice of Determination for this project.

Newby Island Landfill and Recyclery (Milpitas): Republic Services operates the Newby Island Landfill and Recyclery. This facility initially began operating a material recovery facility (MRF) without Air District permits. The MRF collects and separates multiple waste streams, including food waste and other organic waste, into recyclable materials, compostable materials, and landfill waste. The Air District has issued numerous violation notices due to odors emanating from the MRF. In July, Republic Services agreed to expand and improved the MRF enclosure and to collect and control odorous emissions from this enclosure. On September 14, staff met with Republic Services to review the preliminary enclosure proposal, identify concerns, and discuss additional improvements. On September 27, 2017, the Air District met with CalRecycle and the San Jose Lead Enforcement Agency (LEA) to discuss our respective roles in permitting and enforcing regulations at composting facilities including the Newby Island Facility. CalRecycle and the Air District explained their individual permit processes. The LEA indicated there was a public meeting this past Monday night for Newby's compost facility permit revision and that the LEA expects to issue their revised permit in about 30 days. The Air District discussed the status of the Air District permit application, which includes a modification of the current composting process to increase throughput and include food waste in the composting process as well as converting to the covered aerated static pile (CASP) process to reduce emissions. CalRecycle provided updates on SB1383

development and future of composting regulations. Potential collaboration on permit notifications and joint enforcement agreements were discussed. CalRecycle provided clarification about some jurisdictional and enforcement questions and will continue to work with the Air District to clarify these issues.

Syar Napa Quarry Project (Napa): On November 18, 2015, the Napa County Planning Commission adopted a resolution with required CEQA and Surface Mining Permit (SMP) Findings to approve the Syar Napa Quarry Expansion Project to allow the following: a) An approximate 106-acre expansion of the current surface mining and reclamation plan for a 35 year term; b) An increase in production of aggregate materials from approximately 1 million tons per year to 1.3 million tons per year; c) To add Reclaimed Asphalt Pavement (RAP) handling equipment to the existing asphalt batch plant and an increase in asphalt production up to 300,000 tons per year. Both the Environmental Impact Report (EIR) certification and SMP decisions were appealed to the Napa County Board of Supervisors. The Board of Supervisors conducted public hearings on February 9th, March 22nd, April 26th, May 10th and July 11th. At the July 11, 2016 hearing, Napa County supervisors tentatively decided in favor of the project. They voted unanimously to uphold the project's EIR and voted 4-1 to back the expansion. At the October 18, 2016 hearing, the Board of Supervisors voted unanimously to deny the appeals and to back the expansion. A permit application (A/N 27764) for RAP handling equipment was submitted to the Air District on February 5, 2016 and is currently incomplete. No permit application has been received for the proposed aggregate production increase at this time. Syar met with Air District staff on August 23, 2016 to discuss potential modifications of grandfathered equipment. On September 12, 2016, the District sent a letter to Syar summarizing the remaining information needed to complete the application and to clarify altered vs. modified sources. On December 14, 2016, Syar submitted an application (A/N 28439) for the blue smoke system to be handled separately from A/N 27764. An NOE has been filed for blue smoke application (A/N 28439), and an NOD will be filed for A/N 27764. The A/C for A/N 28439 has been issued. District staff held a meeting on September 19, 2017 with Syar to discuss the August 10, 2017 Syar letter and the outstanding items for A/N 27764. On October 2, 2017, the District sent a letter to Syar in response to the August 10, 2017 Syar letter and to summarize the remaining information needed to complete the application.

Syar Todd Road Project (Santa Rosa): A permit application under A/N 28669 (for an increase in permitted asphaltic concrete throughput limit from 250,000 tpy to 325,000 tpy at existing Asphaltic Concrete Plant #2) was submitted to the Air District on May 19, 2017 and is currently incomplete. Syar was requesting that the Air District allow them to temporarily operate at their requested 325,000 tpy limit (in advance of approval of A/N 28669) due to recent changes in contract obligations that have resulted in a tighter deadline for supplying the finished product to their customer. Syar initially submitted an application for variance on August 29, 2017 and met with Air District staff on August 30, 2017 to discuss their request. Air District Legal staff informed Syar that Air District would likely not support their request because the request represents a lost business opportunity and not an event beyond their control, and because the H&S Code states that a variance may not be granted from the requirement for permit to build, erect, alter, or

replace. Syar decided not to proceed with the submission of the variance application. On September 19, 2017, Syar in a meeting with the Air District stated that existing 250,000 tpy limit will likely not be exceeded and therefore will no longer pursue Compliance and Enforcement agreement.

CAPCOA Engineering Managers Meeting: On August 28 and 29, staff participated in the CAPCOA Engineering Managers Committee meeting, which was held in Monterey, California. Items discussed at the meeting included: Implementation of ARB’s Oil and Gas Regulation; Amending air district rules for electronic noticing; Updates on the interagency waste workgroup, federal/state regulations, Air curtain incinerators, Landfill NSPS, SB-49 and AB-617, Gasoline dispensing facilities, TARMAC, GHG protocol reviews, and air district permit databases. Also, planning for the 2017 Joint Engineering and Enforcement Symposium scheduled for November 7-8, 2017 in Folsom, California was discussed.

CAPCOA Toxics and Risk Managers Committee (TARMAC): Air District staff chaired the August 23rd TARMAC conference call. CARB provided updates on the GDF Industry Wide Guidelines, proposed Transportable Refrigeration Unit regulation, and amendments to Chrome and Portable Diesel Engine ATCMs. EPA continues to make corrections to the National Air Toxics Assessment data. OEHHA plans to adopt a new reference exposure level for Ethylene Glycol mono-Butyl Ether later this year.

Bay Area Clean Water Agencies (BACWA): On August 17, 2017, Engineering and Rule Development staff met with BACWA to discuss recent updates to proposed Rule 11-18. Staff presented flow charts to explain the prioritization, health risk assessment (HRA), rule applicability, and TBARCT processes. Planning staff explained the recent request for HRA input data, which will help us design the HRA data warehouse that will be necessary for implementation of Rule 11-18.

Updated Consent for National MJO Membership with EPA Region 9: On August 22, 2017, the Air District informed EPA Region 9 of its decision to continue national multijurisdictional organization (MJO) membership in the National Association of Clean Air Agencies (NACAA) for Fiscal Year 2018. The Air District also decided not to join the Association of Air Pollution Control Agencies (AAPCA) for Fiscal Year 2018. This reaffirmed the Air District’s consent to EPA Region 9 from May 30, 2017.

NACAA Permitting and New Source Review Committee Conference Call: On July 12, 2017, the Director of Engineering made a presentation to the committee titled “Bay Area Air Quality Management District’s Online Permitting System”. The presentation was well-received by those in attendance. At the meeting, the EPA presented an overview of activity related to the Presidential Memorandum on Streamlining Permitting and Reducing Regulatory Burdens and summarized comments received by the Department of Commerce related to New Source Review and Title V programs. The next committee call has been scheduled for August 9, 2017.

U.S. EPA Annual EJSCREEN Update: On August 14, 2017, staff participated in a webinar held by the EPA for interested state and local agency staff on updates to EJSCREEN. First created in 2012 for internal use, EJSCREEN provides EPA with a single tool to evaluate environmental justice concerns. EJSCREEN continues to be a popular tool, consistently ranking as one of EPA’s most-used tools available through its website. The updated version of EJSCREEN will include the most current demographic and environmental data. In addition to updating the underlying datasets, the highlights of this year’s updates include: (1) a revised water indicator that vastly improves user ability to screen for potential for surface water pollution; (2) the ability to look at municipalities as identified areas (a common request from our local government users) in addition to states, counties and census boundaries; and (3) new map layers including schools and public housing.

Cost Recovery and Containment Study: The Air District has retained the services of Matrix Consulting Group (Matrix) to conduct the Study. The primary goal of the Study is to review the Air District’s current cost recovery and allocation plan to include the Air District’s new activities, new programs, new headquarters building, vehicles, and other current indirect costs. The Study includes the following tasks: review the current cost allocation process, determine eligible indirect expenditures, audit employee timekeeping and bases for allocation of general labor bill codes, evaluate cost recovery projection methods, review cost containment opportunities, present cost recovery results, prepare draft and final reports, and present findings. The Air District has done prior cost recovery studies in 1999, 2004, and 2010.

Rule Development and Implementation

Regulation 2 Permitting Rules: Staff have incorporated comments from EPA on Regulation 2 to address previously identified deficiencies for federal offsets equivalency and the Emissions Banking program. The proposed rules (Regulations 2-1, 2-2, 2-4 and 2-6), staff report, socioeconomic analysis, a CEQA Initial Study and draft Negative Declaration have been posted for a final round of public comment prior to being presented to the full board for adoption on December 6, 2017. Comments are due November 13, 2017.

Regulation 11, Rule 18, Reduction of Risk from Air Toxic Emissions at Existing Facilities: Staff provided an update on the status of Regulation 11, Rule 18 to the Stationary Source Committee on September 18, 2017. Staff invited all facilities that are potentially subject to Rule 11-18 to a webinar on October 12, 2017 and provided links to website information about this rule. About 45 people called into the webinar. Additionally, Engineering and Rule Development staff met with California Metals Coalition, California Council for Environmental and Economic Balance, and Hospital Council to discuss implementation strategy for the rule. Staff presented flow charts to explain the prioritization, health risk assessment, rule applicability, and TBARCT processes. The rule is proposed to go to the full Board for adoption on November 15, 2017.

Regulation 12, Rule 15: Petroleum Refining Emissions Tracking: All five refineries and their support facilities submitted their Annual Emissions Inventories required by Regulation 12-15-401 the week of July 3rd. Staff completed their initial review and are preparing deficiency letters for the Director of the Compliance & Enforcement Division. The letters were sent out to the facilities at the end of August. Revised refinery emissions inventory data submittals that addresses deficiency items were due September 29th. Staff are reviewing the submittals for completeness.

AB 617: Staff met with the California Air Resources Board and South Coast Air Quality Management District to discuss the proposed implementation of AB 617, including attending meetings with the BARCT and Emissions Inventory workgroups.

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

The Air District Counsel's Office received 177 violations reflected in Notices of Violation (NOVs) for processing.

Mutual Settlement Program staff initiated settlement discussions regarding civil penalties or passing the Wood Smoke Awareness Course for 153 violations reflected in NOVs. In addition, 2 Final 30 Day Letters were sent regarding civil penalties for 11 violation(s) reflected in NOVs. Finally, settlement negotiations resulted in collection of \$136,640 in civil penalties for 116 violations reflected in NOVs.

Counsel in the District Counsel's Office initiated settlement discussions regarding civil penalties for 27 violations reflected in NOVs. Settlement negotiations by counsel resulted in collection of \$467,900 in civil penalties for 71 violations reflected in NOVs.

(See Attachment for Penalties by County)

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

Media Inquiries

Staff responded to media inquiries during the summer, including requests about:

- Air Monitoring and Flaring at Refineries
- Air quality
- Air quality and haze
- Air Watch app
- Alco Metals Facility Fire
- Asbestos
- Cap and Trade Legislation

- Chevron flaring
- Chevron NOV
- Clean Air Plan
- Commuter Benefits Program
- Delta Energy Center
- Google Air Quality Mapping Vehicles
- Muni idling
- Oakland Construction Fire
- Odors in Santa Clara
- Permissive Burn Season
- Phillips 66
- Protecting Blue Whales and Blue Skies Program
- Records issue
- Redwood Landfill
- Refinery caps
- Refinery Greenhouse Gas Emissions and Vote
- Regulation 12, Rule 16
- Regulation 12, Rule 16 and Board of Directors Meeting
- Russian consulate fire
- Russian consulate citation
- Shell Refinery Leak
- Smoke
- SoMa air quality
- Spare the Air
- Spare the Air Season
- TFCA grants
- Valero investigation
- Valero Power Shutdown, Flaring, Backup Power and Violations
- Vegetation buffer
- West Oakland Air Quality
- Winter Spare the Air regulations
- Yosemite Fire

Media Highlights

The Air District was mentioned in 1,216 print/online stories and 775 video and radio clips from July to September 2017. Below are media coverage highlights:

- [KQED News: The California Report - Here's What's in the Deal to Extend California's Cap-and-Trade System](#)
- [San Francisco Chronicle: Bill seeks to extend California's cap-and-trade system to 2030](#)

- [IMT online: San Antonio's Valero sues California utility for \\$75M over refinery power outage](#)
- [Richmond Confidential: East Bay Times criticizes misguided attempt to cap refinery emissions](#)
- [Napa Valley Register: Bay Area residents urged to avoid setting off fireworks to limit air pollution](#)
- [KRON4: Residents urged to avoid setting off fireworks to limit air pollution](#)
- [KQED: Valero Sues PG&E for 'Reckless' Outage at Benicia Refinery](#)
- [San Francisco Chronicle: Letter to Editor - Board made the right choice](#)
- [Napa Valley Register: Letter to Editor - Napa County needs real climate protection commitments](#)
- [East Bay Times: Editorial: Air district's misguided policy won't stem greenhouse gases](#)
- [KCLU: Effort to Slow Cargo Ships In Santa Barbara Channel To Improve Safety For People, Whales Expands](#)
- [Palo Alto Online: New charging stations on the way for four Palo Alto garages](#)
- [JD Supra: State Legislature Reaches Agreement on Extension of the Greenhouse Gas Cap-and-Trade Program; Stops the Bay Area Air Quality Management District's Proposed Cap \(and-No-Trade\)](#)
- [Lexology: California post-2020 GHG Regulation Debate: Compromise Passed Both Houses with a Two-Thirds Vote](#)
- [Martinez News-Gazette: Ross: BAAQMD has role after cap-and-trade extension](#)
- [East Bay Times: Employers warned to offer commuter benefit to workers in Bay Area](#)
- [Mercury News: Bay Area employers warned to offer commuter benefits to workers](#)
- [Sing Tao Daily: Authorities warned that Bay Area employers must provide transport allowance](#)
- [Times-Herald: Panera Bread application approved by Vallejo commission](#)
- [Canadian Press: Proposed California climate deal takes aim at toxic air](#)
- [East Oregonian: Has California Hit the Brakes In Regulating Breath-Robbing Big Rigs?](#)
- [The Daily Astorian: Has California hit the brakes in regulating breath-robbing big rigs?](#)
- [San Francisco Chronicle: Cap-and-trade survives razor-thin votes in California Legislature](#)
- [In These Times: California Gov. Jerry Brown Is Backing a Climate Bill Full of Giveaways to Polluters](#)
- [Sonoma Index-Tribune: California cap-and-trade bill would eliminate controversial fire fee for rural landowners](#)
- [San Francisco Chronicle: Brown threatens "intrusive" climate rules if cap and trade fails](#)
- [KQED News: Gov. Brown's Cap-and-Trade Pitch: "This isn't for me. I'm going to be dead. It's for you and it's damn real."](#)

- [The San Diego Union Times: Here's why progressives aren't thrilled with Gov. Brown's cap-and-trade plan](#)
- [Elk Grove News: Jerry Brown's cap-and-trade bill passes through Senate Environmental Quality Committee](#)
- [The Sacramento Bee: Would Jerry Brown's climate change law go too easy on Big Oil?](#)
- [Borneo Bulletin: Proposed California climate deal takes aim at toxic air](#)
- [KQED News: Phillips 66 Seeks Huge Increase in Tanker Traffic to Rodeo Refinery](#)
- [Press Democrat: Owner of Healdsburg's Wilson Winery hit with \\$56,000 in pollution fines](#)
- [CBS SF Bay Area: Philips 66 Wants To Double Oil Tankers Arriving At Rodeo Refinery](#)
- [SFGate.com: Forecasters: Hot August on the way for Bay Area and nation](#)
- [Napa Valley Register: Healdsburg vintner ordered to pay fine for illegal burn last year](#)
- [RecentNews.com: Girl Scouts place no smoking signs on Town Green](#)
- [NBC Bay Area: Spare the Air Alert Issued For Bay Area Tuesday](#)
- [RecentNews.Press: Bay Area Spare the Air Alert issued for Tuesday | News – California News](#)
- [Napa Valley Register: Tuesday is a Spare the Air Day due to expected pollution](#)
- [East Bay Times: East Bay chemical plant pays \\$135,000 for air pollution violations](#)
- [San Francisco Chronicle: 5 years after wake-up call on refinery safety, more work needed](#)
- [ABC7news.com: No Spare the Air Alert in effect](#)
- [Mountain View Voice: Paris climate accord gets Bay Area endorsement](#)
- [SanFrancisco.CBSLocal.com: Air District Backs Paris Climate Agreement Despite Trump's Rejection](#)
- [EastCountyToday.net: Earn 20-Ride Bus Pass through SchoolPool Program](#)
- [Daily Journal: Carpool cash doled out to slash traffic](#)
- [Times-Herald: Supervisor Brown says 'no way' to proposed Phillips 66 expansion](#)
- [East Bay Times: Opinion: Find a climate deal that's fair to all sides](#)
- [Times Herald: Supervisor Brown holding Benicia meeting on Phillips 66 project](#)
- [YourNews.com: Bay Area Air Quality Management District Officially Backs Paris Climate Accord](#)
- [LaMorindaWeekly.com: Local residents can get a charge at three new Lafayette EV stations](#)
- [SingTaoUSA.com: 空氣品質管理局撥400萬 補助接駁車和共乘服務](#)
- [Patch.com: Public Ridesharing, Shuttle Program: \\$4 Million In Grants*](#)
- [WPXI.com: Proposed California climate deal takes aim at toxic air](#)
- [East Bay Times: Opinion: Local air districts must stand with impacted communities](#)
- [East Bay Times: Whistleblowers file lawsuit against Bay Area air district for file destruction](#)

- [timesheraldonline.com: Larnie Fox: Apologists for Big Oil East Bay Express: East Bay Oil Terminal Expansion Stokes Fears of Air and Water Pollution](#)
- [KQED: EPA Demands Answers From Valero Months After Massive Benicia Refinery Outage](#)
- [Mission Local: Key pollution control program is disabled in SF Muni's newest, costliest, 'greenest' hybrid buses](#)
- [Marin Independent Journal: 'Spare the air' alert issued for Sunday](#)
- [TrueViralNews.com: 'Excessive' heat anticipated Sunday, Monday in much of Bay Area; air quality advisory issued](#)
- [NBCBayArea.com: Spare the Air Alert, Heat Warnings in Effect Across Bay Area](#)
- [Mountain View Voice: Third Spare the Air alert issued for Bay Area](#)
- [East Bay Times: Commuters urged to ditch their cars on 'Spare the Air' day Monday](#)
- [KTVU.com: Spare the Air, temps could soar to 109 in East Bay](#)
- [ABC7News.com: Spare the Air Alert in effect on Monday](#)
- [ABC7News.com: Palo Alto leaders moving forward with plan to ban idling cars](#)
- [KTVU.com: 10th Spare the Air alert of 2017 issued for Bay Area](#)
- [SFGate.com: Spare The Air Alert Issued For Thursday, 10Th This Year](#)
- [East Bay Times: Smog advisory issued for Bay Area for Thursday](#)
- [Recent News: Year's 10th Spare the Air alert for smog issued for Thursday](#)
- [ABC7News.com: Bay Area weekend heat wave may bring record-setting temperatures](#)
- [ABC7News.com: Spare the Air Alert in effect for Thursday](#)
- [Napa Valley Register: Spare the Air alert issued for Thursday](#)
- [Napa Valley Register: Can a Napa winery run on a generator, not PG&E, forever?](#)
- [Napa Valley Register: Drift smoke from state fires creates haze over Napa Valley](#)
- [Marin Independent Journal: Marin health warning issued amid heat wave, smoke from Norcal fires](#)
- [DailyRepublic.com: Triple-digit heat across Solano prompts health warnings](#)
- [SingTaoUSA.com: 數百哩外山火 煙霧飄至灣區](#)
- [Times-Herald: Why is it so smoky in parts of the East Bay?](#)
- [The Almanac: Bay Area under a smoke advisory](#)
- [SanFrancisco.CBSLocal.com: Smoke From NorCal Fires Settles Over Sizzling Bay Area](#)
- [NBCBayArea.com: Heat Wave Peaks, Straining Bay Area Power Grid](#)
- [Sonoma Index Tribune: Northern California wildfire smoke clouds Sonoma County](#)
- [SFBay.ca: Wildfire smoke murks Bay Area air](#)
- [EastBayTimes.com: Bay Area weather: Scorching temperatures will produce hottest days in a decade](#)
- [SingTaoUSA.com: 長周末灣區熱爆 多處100度最高115](#)
- [RecentNews.press: Bay Area under a smoke advisory | News – California News](#)

- [East Bay Times: Bay Area's hot temps drop to warm, muggy — even some rain](#)
- [San Francisco Chronicle: Fires around California destroy homes, close roads, fill air with smoke](#)
- [KTVU.com: Weather cools, no Spare the Air issued](#)
- [Record-Bee: Hazy days continue](#)
- [KTVU.com: Smoke from wildfires blankets Bay Area, causes air quality to exceed federal health standards](#)
- [Daily Republic: People seek relief from heat at Fairfield library](#)
- [Press Democrat: Cooling on the way for heat-stressed Sonoma County](#)
- [Napa Valley Register: Napa, Bay Area to see fifth straight Spare the Air alert for Labor Day](#)
- [San Francisco: Map shows which SF neighborhoods are hit hardest by air pollution](#)
- [San Francisco Chronicle: Bay Area air regulators look at Russian consulate's smoky chimney](#)
- [New York Times: Where There's Smoke, There's a Conspiracy Theory at a Russian Consulate](#)
- [Mountain View Voice: Air quality in Bay Area finally improves](#)
- [Petaluma360.com: Smoky haze hovering over Sonoma County expected to lift this week](#)
- [KQED.org: Agencies Investigate Another Oil Spill at Phillips 66 East Bay Refinery](#)
- [KTVU.com: Weather cools, no Spare the Air issued](#)
- [SanFrancisco.cbslocal.com: 25-50 Gallons Of Oil Spilled In Leak Near Phillips 66 Refinery](#)
- [East Bay Times: Labor Day leak spills 25-50 gallons of oil from Carquinez Strait pipeline](#)
- [News.Berkeley.edu: Report outlines steps to implement pollution reduction program](#)
- [KQED.org: Pipeline Corrosion Caused Small Phillips 66 Oil Spill Prompting Big Concern](#)
- [Daily Republic: Air quality and your health](#)
- [East Bay Times: San Mateo County official seeks to ban cellphone use in crosswalks](#)
- [SFGate.com: Kremlin knocks SF Spare the Air violation as 'Russophobic stunt'](#)
- [AP: San Francisco cites Russian diplomats over mystery smoke](#)
- [Los Angeles Times: Bay Area air regulators cite Russian diplomats for mysterious smoke over now-shuttered consular office](#)
- [SFist: SF Air Regulators Issue Russian Consulate Citation Over Smoke; Kremlin Calls It A 'Russophobic Stunt'](#)
- [East Bay Times: Air regulators cite Russian consulate in San Francisco after mysterious illegal burning](#)
- [San Francisco Chronicle: Regulators cite Russian Consulate in San Francisco for fireplace burning](#)
- [Seattle Times: San Francisco cites Russian diplomats over mystery smoke](#)

- [KRON4.com: Now-closed San Francisco Russian consulate cited for smoke violation](#)
- [Napa Valley Register: San Francisco Russian Consulate cited for smoke from chimney day before closure](#)
- [TrueViralNews.com: Shuttered Russian Consulate In San Francisco Cited For Smoke Violation](#)
- [Moscow Times: San Francisco Air Pollution Watchdog Could Punish Russian Consulate for ‘Burning Garbage’](#)
- [KTVU: "It's unacceptable": Asbestos discovery leads to indefinite halt of Oakland mall construction](#)
- [Times Herald: Richmond petroleum storage facility fined \\$160K over leak into bay](#)
- [SFist.com: Check Out The Air Pollution Citation Issued To The SF Russian Consulate](#)
- [EDF.org: A breakthrough for mobile air quality data – and 3 deceptively tough challenges that paved the way](#)
- [Patch.com: ‘Spare The Air’ Smog Alert Called For Wednesday](#)
- [Napa Valley Register: Spare the Air alert called for Wednesday](#)
- [Marin Independent Journal: In Your Town for Sept. 27, 2017](#)
- [ABC7News.com: Spare the Air Alert in effect for Wednesday](#)
- [SFGate.com: What is that haze over the Bay? The science behind it is fascinating](#)
- [The Advocate: Breath of Death](#)
- [48hills.org: Assault on local control equals deregulation of housing](#)
- [Earth Island: Phillips 66 Seeks to Increase Number of Oil Tankers on San Francisco Bay](#)
- [Los Angeles Sentinel: Making Sense of Sensors Conference Kicks Off at SCAQMD](#)
- [TheStack.com: Microsoft plans data centre build in San Jose](#)

Press Release

- | | |
|-----------|---|
| 6/30/2017 | Air District urges caution with fireworks this Fourth of July |
| 7/18/2017 | Bay Area Air District supports extension of Cap & Trade program |
| 7/29/2017 | Air District advises that higher temps can lead to breathing difficulty for some |
| 7/31/2017 | Air District issues Spare the Air Smog Alert |
| 8/1/2017 | Air District settles case with Chemtrade West US LLC |
| 8/1/2017 | Air District advises high temps can lead to breathing difficulty |
| 8/2/2017 | District Board commits to Paris climate agreement |
| 8/7/2017 | Air District offers \$4 million to support existing public agency shuttle bus and ridesharing services |
| 8/22/2017 | U.S. EPA, State and local partners assess impact of roadside vegetation on air quality at local school |
| 8/29/2017 | Open burning season for double crop stubble ends; seasons for fall marsh management and stubble and straw begin |

8/30/2017	Air District issues Spare the Air smog alert
8/31/2017	Smoke Advisory: Bay Area experiencing smoke impacts from Northern California wildfires
9/1/2017	Air District issues third consecutive Spare the Air smog alert
9/1/2017	Smoke Advisory: Bay Area smoke impacts from wildfires likely through weekend
9/2/2017	Air District issues fourth consecutive Spare the Air smog alert
9/3/2017	Air District issues fifth consecutive Spare the Air smog alert
9/14/2017	Air District seeks new technologies to combat climate change
9/12/2017	Media Advisory: Students benefit with better commutes
9/26/2017	Air District issues Spare the Air smog alert
9/28/2017	Permissive burn periods for crop replacement and flood debris fires open

Public Inquiries

Phone: 452 public calls

Events

- Alameda County Fair (June 23-July 9)
- Marin County Fair (June 30-July 4).
- Menlo Park Summerfest (July 15-16)
- Sunday Streets SF Mission District (July 16)
- Pedalfest Jack London Square (July 22)
- Sonoma County Fair (August 2-6)
- Solano County Fair (August 3-13)
- Fiesta De Artes Los Altos (August 12-13)
- Sunday Streets SF Tenderloin (August 20).
- Logitech Green/Fitness Fair (September 6)
- Mountain View Art & Wine Festival (September 9-10)
- Sunday Streets Western Addition (September 10)
- Ariat Green Fair (September 14)
- Fiesta Patrias (September 16)
- Villa Calle (September 17)
- Eat Real Festival (September 17)
- Healthy Living Festival (September 21)
- 10th Annual Redwood City Salsa (September 30)

Spare the Air

Online, radio, shuttle and train wraps and digital billboards ads ran this season, in addition to Spanish, Cantonese, Mandarin, Tagalog and Vietnamese television ads; Spanish online ads; and Chinese print ads.

Bike outreach was conducted in Marin County, Redwood City, Los Gatos, Fremont, Saratoga, Millbrae, Vallejo, Martinez, Concord, Pleasanton, Lafayette and Antioch.

Staff assembled interviews taken at casual carpool locations into a podcast highlighting the commute method's benefits. One interview session was also attended by KCBS' Holly Quan and covered by ABC News.

Staff worked with contractors to compile photos and mini-interviews of employees from 4 companies to post on Spare the Air social media.

Staff pitched the story of strategies for dealing with carpool lane cheats.

Winter Spare the Air

Staff estimated potential revisions to the cigarette television spot, re-shot still images, and then edited the new television ad with contractors.

Staff finalized the first draft of the media buy for the winter season and approved the bike outreach schedule. Door-to-door outreach was scheduled for Orinda, Cupertino, Yountville, Alameda and San Rafael in November and December.

Staff and contractors verified permitting requirements for door hangers in Livermore, Sausalito and San Jose. Additionally, contractors investigated the cost of securing a banner in Sausalito.

Staff updated WSTA brochures.

Air District Social Media

Forecasts were run each day for both daily and five-day projections. Other posts this summer included fire safety posts, job posting, Clean Air Plan promotions, and features of grant recipients.

Staff live broadcast a Redwood High Giants Spare the Air press event encouraging students to travel to school via carpool, bus, or walking. Over 20% of the high school's students participated and the event was also attended by Marinscop, KCBS and the Marin Independent Journal, as well as the school district's superintendent.

Staff worked with contractors to create Employers Who Spare the Air accounts, where photos and short interviews of employees at various organizations will share why they spare the air.

The most successful social media posts this season reached more than 1,800 on Facebook and more than 20,800 on Twitter. Summer followers peaked at 580 on Facebook, 1,397 on Twitter and 870 on Instagram.

Spare the Air Social Media

Staff posted Spare the Air alerts on social media in English, Spanish, and Chinese throughout the season.

Staff worked with contractors to develop a to develop two social media series, a casual carpooling podcast that interviewed members of the public about their reasoning for carpooling, and an Instagram series highlighting how Bay Area residents Spare the Air.

Some of the best performing social media posts this summer were BayAreaCommuteTips.org, which received over 21,000 impressions on Twitter, and Spare the Air alerts, which garnered more than 43,000 impressions over three days on Facebook and more than 104,000 impressions over the same period on Twitter.

The largest number of users reached in one week on social posts was 18,500 on Facebook and 422,000 on Twitter.

Employer Program Updates

Staff tabled a booth at the BOMA Silicon Valley luncheon, which included speakers Carl Guardino of Silicon Valley Leadership Group; Chris Augenstein, Deputy Director of Planning at VTA; and Elizabeth Hughes, TDM Specialist.

Staff followed up with Abaxis/Ariat and Workday event attendees, and surveyed all Carpool Now attendees.

Staff collaborated with 511's subcontractors for carpool coordination efforts.

Staff compiled a database on Salesforce of Carpool Now attendees.

Staff overhauled the EmployersSparetheAir.com website, developed toolkits for inclusion on the website, and identified high-touch networking opportunities.

Carpool Now

Carpool Now event dates were finalized for Washington Hospital, Raytheon, Gildead, Workday, Kaiser Oakland and San Leandro, Shutterfly and Seagate, with dates ranging from mid-October to early January.

Staff sent follow-up surveys to previous Carpool Now attendees.

Staff reviewed survey responses from past Carpool Now attendees with contractors.

Spare the Air, Cool the Climate

Staff developed a timeline, social media plan, national promotion plan and draft Communications Strategy for the *Spare the Air, Cool the Climate*, and received input from other divisions on their contents. Additionally, staff reviewed Spare the Air, Cool the Climate promotional posts for Facebook, Twitter and Instagram. Executive management approved the draft fact sheet and brochure.

Staff completed the MoveOver Earth contract.

Videography

This quarter, staff finalized the Casual Carpool video, both English- and Spanish-language versions of the Congestion and Carpooling video, the idle-free school video and the 15-second anti-idling video in English and Spanish.

Management reviewed the script for the Spare the Air minute video.

Staff developed an on-air graphic.

Annual Report

Five proposals were received and scored. Three interviews were held in mid-September and a final selection was made by the end of the month.

Training

Staff set up training on logo usage, presentations, events, and media interviews.

Miscellaneous

Staff completed a draft presentation on logo training and circulated a draft flaring infographic for approval.

Staff finalized contracts for MakeOver Earth for broad Clean Air Plan promotion with MakeOver Earth and for media training with Mary Simms.

Staff ordered Spare the Air promotional items.

**COMMUNITY ENGAGEMENT DIVISION
J. ROGGENKAMP, DEPUTY EXECUTIVE OFFICER**

OUTREACH AND ENGAGEMENT PROGRAMS

Spare the Air Youth

- **Wednesday, September 27, 2017 – Laney College Walkthrough** – Staff toured the Laney College campus as a venue for the 2018 YES Conference. Staff visited the gym, quad, student center and various classrooms for the use of the conference.
- **Tuesday, September 26, 2017 – Meeting with Kurieo Designs** – Staff met with representatives from Kurieo Designs to review the YES Conference logos, discuss social media filters and expected delivery dates for YES Conference collateral materials.
- **Saturday, September 23, 2017 – YES Conference Student Advisory Council (SAC) Kickoff Meeting** - Staff met with the YES Conference SAC to discuss outreach for the upcoming conference, set up a bimonthly conference call schedule and prepare for the 2018 YES Conference.
- **Thursday, September 21, 2017 – Meeting with Green Energy Associates** – Staff met with Tom Cosgrove, Green Energy Associates, to begin a YES Conference outreach strategy, work plan and schedule.
- **Monday, September 18, 2017 – Spare the Air Youth Program Proposals Meeting** – Staff reviewed MTC’s Request for Proposals for the Spare the Air Youth Program, scored proposals and provided contractor recommendations.
- **Wednesday, September 12, 2017 – Meeting with Kurieo Designs** – Staff met with representatives from Kurieo Designs to review YES Conference logos, discuss social media filters and expected delivery dates for YES Conference collateral materials.
- **Wednesday, September 12, 2017 – Meeting with Youth Impact Hub** – Staff met with a representative to discuss potential collaboration of youth entrepreneurs for the YES Conference.
- **Wednesday, September 6, 2017 – Student Advisory Council Kick Off** – Staff visited the Teen Center to explore the site for the Kick Off event on Saturday, 9/23.
- **Tuesday, September 5, 2017 – National Heirloom Seed Expo** – Staff attended and networked at the event to connect with organizations on topics of sustainability and gardening.
- **Sunday, August 20, 2017 – Youth Going Green Recycling Program Meetup** – Staff presented and participated in the meetup that engages youth in the North Oakland neighborhood hosted at the Memorial Tabernacle Church. Last year, the Youth Going Green participated in the YES Conference and expressed interest in this year’s upcoming conference.

- **Wednesday, August 16, 2017 – Spare the Air Youth Technical Advisory Committee Meeting** – Staff attended the Spare the Air Youth Technical Advisory Committee (STAY TAC) meeting to present information on the upcoming 2018 YES Conference. TAC members reviewed the “Equity & Inclusion in School Commute Programs Guidebook & Best Practices” and received presentations on San Mateo and Santa Clara Counties’ Safe Routes to School programs. The next STAY TAC meeting will be held in October.
- **Tuesday, August 15, 2017 – Spare the Air Youth Contract Bidder’s Conference** – MTC hosted a bidder’s conference for bidders interested in the Spare the Air Youth contract. The conference included Spare the Air Youth program background information, contract proposal logistics and an overview of the selection process and timeline.
- **Wednesday, August 2, 2017 – Meeting with MTC** - Staff met with Urusla Vogler, Metropolitan Transportation Commission, to briefly discuss the future of the Spare the Air Youth program. Staff discussed the Spare the Air Youth call for proposals, future program logistics and the upcoming YES (Youth for the Environment and Sustainability) Conference and TAC (Technical Advisory Committee) meeting.
- **Wednesday, July 19, 2017 - SMASH Career Fair at UC Berkeley**— Staff participated and attended the event to promote the YES Conference as well as spread the word about internships targeted for high school students.
- **Tuesday, July 18, 2017 - Mission Bit Demo Day**—Staff participated in the event to promote the YES Conference.
- **Tuesday, July 11, 2017 - SMASH Networking event** - Staff attended and participated in the networking event at Stanford university specifically targeted for students of color in science, technology, engineering and math (STEM) fields.
- **Tuesday, July 11 & 12, 2017 - YES Conference event planners** - Staff met to interview potential event planners for 2018 conference.
- **Ongoing – YES Conference Planning** – Staff are planning next year’s YES conference, looking for venues, vendors, event planners, and reaching out to potential presenters and partners.

Spare the Air Resource Teams

- **Friday, September 29, 2017 - Sonoma County Resource Team Meeting** – Staff participated in a Sonoma County Resource Team meeting. The team discussed employer commute support, Idle Free school support and the need to start planning for winter and spring events.
- **Thursday, September 21, 2017 - Southern Alameda County Spare the Air Resource Team Meeting** – Staff participated in a Southern Alameda County Spare the Air Resource Team. The team discussed the Idle Free Bay Area movie ad that is being shown in theaters in Newark, Union City, Fremont, and Hayward. The team also discussed the Fremont Innovation District Tour.
- **Tuesday, September 19, 2017 – San Mateo County Resource Team Conference Call** – Staff participated on the San Mateo County Resource Team

conference call. The team received an update on the Bike Summer, discussed their Active Trips Incentives project and reviewed the networking event for Transportation Demand Management representatives serving San Mateo County.

- **Friday, September 15, 2017 – Napa County Resource Team Meeting** – The Coalition met on Friday and discussed three small, bike/active transportation-related projects to potentially help move forward: 1) a ‘parklet’ in downtown Napa to encourage people to park and walk around downtown, 2) a safer realignment of the bike lane on Soscol Avenue, and 3) a possible bike lane on Donaldson Way in American Canyon (the nearby middle school has one of the lowest bike to school rates in the County). More details on these projects will be presented at the next meeting so the Coalition can decide if it wants to support one of them. Check out the new 3-foot safe space PSA for which Napa RT was a sponsor. A special still frame for all the supporting organizations’ logos will be created for each County. The RT’s active transportation table will be at the Napa County Employee Wellness Fair Sept 26, 2017.
- **Thursday, September 14, 2017 – Napa County Resource Team phone call** – Napa Resource Team had a planning call to discuss and plan for tabling at an upcoming Napa County Employee Health Fair. Learned that this is a fair for Napa county staff to learn about health coverage and other benefits. Will have a table to encourage active transportation among Napa County staff.
- **Wednesday, August 30, 2017 – Pittsburg Unified School District Idle Free Campaign** – Staff met with the PUSD and City of Pittsburg representatives to continue planning this year’s Idle Free campaign. A School District Board resolution is being prepared.
- **Tuesday, August 22, 2017 – Napa Spare the Air Team Active Transportation Call** – Members from the Napa team met via conference call to discuss what to include while tabling at the Napa County Health and Wellness Fair.
- **Tuesday, August 22, 2017 – Santa Clara Resource Team Call** – Staff participated in a teleconference with Resource team members to recap Silicon Valley Bike Summit, discuss guerrilla marketing techniques, and potential updates to the “Tales of the Commute” toolkit.
- **Thursday, August 3, 2017 – Meeting with Community Focus about Idle Free Bay Area** – Staff met to discuss the anticipated growth of the Idle Free Bay Area campaign. Several Resource Teams are promoting the campaign and we anticipate increased interest. The idea of creating an online tool-kit for communities was discussed.
- **Friday, July 21, 2017 – Sonoma County Spare the Air Resource Team Meeting** – Staff attended a meeting between members of the Sonoma County Spare the Air Resource Team. Agenda items for the meeting included a status update on the Petaluma Commute Fair the team is organizing and a report on the recent Spare the Air Resource Team Retreat for members who were not able to attend.

- **Tuesday, July 18, 2017 – San Mateo County Resource Team Conference Call** – Staff participated on the San Mateo County Resource Team conference call. The team is planning a networking event for Transportation Demand Management representatives serving San Mateo County and discussed logistics to plan an event in late September/early October 2017.

COMMUNITY ENGAGEMENT ACTIVITIES

Community Meetings, Workshops and Site Visits

- **Friday, September 29, 2017** – Staff met with EDF and ARB to finalized an outreach plan for the Mobile Community Monitoring in Richmond.
- **Wednesday, September 27, 2017 – Thursday October 28, 2017 - CAPCOA conference** in Diamond Bar. Staff did a presentation about the efficacy of Community sensors.
- **Thursday, September 28, 2017 – Council of Industries Tour** – Staff participated in the Council of Industries Bay Tour and made important contacts with many community leaders and industry representatives from the Bay Area, but especially from West Contra Costa County.
- **Monday, September 25, 2017 – CARB Community Meeting** – Staff participated in the community meeting to hear from residents living in communities near seaports, railyards, warehouses, and distribution centers about regulatory actions already underway and the development of new concepts to reduce the air pollution and health impacts from freight.
- **Thursday, September 21, 2017 – 350 Bay Area, BARC, BAM, BAAQMD meeting** – Staff facilitated and coordinated a meeting between 350 Bay Area and our regional partners to discuss how they might help us launch a new Solar Ordinance Tool Kit in local jurisdictions.
- **Thursday, September 21, 2017 – Clinica de la Raza, Pittsburg** – Staff conducted a site visit of La Clinica de la Raza as recipient of one of our community grants. They conducted an education program utilizing health promoters (Promotoras).
- **Wednesday, September 20, 2017 – Japanese Delegation Visit** – Staff hosted 8 delegates from Japan, and arranged for presentations from Climate and Strategic Incentives. They represent the Japan Automobile Education Foundation associated with the Japanese Ministry of Economics Trade and Industry.
- **Saturday, September 17, 2017 – Viva Calle** – San Jose Department of Parks and Recreation organized a Sunday Streets community engagement activity. The streets were closed-down to automobile traffic. The programmers did a great job of creating an atmosphere of fun activities i.e. rock climbing, sand bags games, live music, and many local community shop activities.
- **Thursday, September 14, 2017** – EDF ARB and AD (MMR, Community Engagement and Communications staff) have had several conference calls and meetings this week regarding the Mobil Community Monitoring study in Richmond. We have reached a consensus on the design of the study. The AD has

developed a communications plan to reach out to the publicly elected officials. AD has also developed an outreach plan to support the ARB in contacting the community groups as well. The EDF/ ARB specially equipped car will begin driving September 23, 2017.

- **Wednesday, September 6, 2017 – Immigrant Engagement and Integration Bay Area Convening** – The Institute for Local Government hosted a multi-sector learning exchange workshop on immigrant engagement and integration. Staff engaged with experts on immigrant integration trends and opportunities. The workshop also provided access to new regional economic data, allowed staff to learn about innovations and best practices from local government immigrant integration incubators in the region and build and enhance connections between local governments/nonprofits supporting immigrant integration.
- **Wednesday, September 6, 2017** – Staff attended the Oakland Climate Action Coalition assembly on connecting General Plans per SB 1000 to Climate Action Plans
- **Friday, September 1, 2017** – Staff met with community grantee partners and Brookfield and Madison Schools in East Oakland to coordinate for State Natural Resource site tour of green infrastructure mitigation plans for East Oakland.
- **Monday, August 14, 2017 – TransForm and BAAQMD CAP Meeting** – Staff from Community Engagement and Climate Protection met with staff from TransForm to hear about how they would like to partner with the Air District on Clean Air Plan implementation.
- **Monday, August 14, 2017 – EJ Screen Update Conference Call** – EPA released its annual update of EJSCREEN. The updated version of EJSCREEN will include the most current demographic and environmental data and serves as an opportunity to improve the tool based on feedback from users. In addition to updating the underlying datasets, the highlights of this year’s updates include a revised water indicator that aims to improve user ability to screen for potential surface water pollution, the ability to look at municipalities as identified areas and new map layers including schools and public housing.
- **Friday, August 11, 2017 – Community Climate Solutions** – Staff from Community Engagement and Climate Protection met with the founder and developer of Community Climate Solutions – an online platform for engaging the public in climate solutions. It may be useful for engaging individuals in climate protection.
- **Friday, August 4, 2017 – Meeting with Bayview Hunters Point Community Groups** - Staff met with Rafiki Project, Bay View Hunter’s Point Advocates, Literacy for Environmental Justice, SFSU to discuss the preview of the Community Mapping Research Project in BVHP that will begin in September.
- **Thursday, August 3, 2017 – Mobil Monitoring Meeting** – MMR, CEO and Communications staff met with staff from ARB and Environmental Defense Fund at CALEPA to discuss the preparation for the rolling out the Mobil Community Monitoring Project in Richmond during the first week of September 1st.
- **Wednesday, August 2, 2017 – Pittsburg Unified School District Idle Free Project** – Staff met with representatives of PUSD and the City of Pittsburg to

discuss implementation of this school year's Idle Free campaign, including the use of a video developed by Communications, the potential adoption of a resolution, and the idea of introducing the Breathmobile to the School District.

- **Wednesday, August 2, 2017 – Bike Around the Bay Planning Meeting** - Staff met with the Bay Trail.org staff and the Laura Cohen, E.D. of Rails to Trails to discuss the initial planning of The Bike Around the Bay Trail Ride 2018.
- **Wednesday, August 2, 2017 – Meeting with Rainforest Action Network** – Staff met with Patrick McCully, Director of the Climate Program for Rainforest Action Network, to discuss the Clean Air Plan and new refinery rules. A future meeting will be scheduled with staff from the agency and the organization.
- **Wednesday, August 2, 2017 – Environmental Justice Grantee Conference Planning Call** - Staff participated on a conference call regarding planning an Environmental Justice Grantees Conference in mid-October.
- **Thursday, July 27, 2017 - Menlo Park, East Palo Alto, and Redwood City Tour**—Staff participated in tour given by MenloSpark and Resilient by Design organizational leadership. The tour will help our relationship building in Santa Mateo county.
- **Thursday, July 27, 2017 - Sustainable Silicon Valley Site Visit**—Staff visited Sustainable Silicon Valley at their offices. This is the first initial meeting to get to know the grantee and funder staff. They are a 2017-2018 Community Grants recipient.
- **Thursday, July 27, 2017 – Phillips 66 Scoping Meeting in Vallejo** – Staff arranged and facilitated this follow-up meeting to the Hercules meeting last month in response to community concerns.
- **Thursday, July 27, 2017 – Contra Costa Sustainability Exchange** – Staff attended the first meeting of sustainability coordinators in Contra Costa County to provide information about our Spare the Air, Cool the Climate plan, and identify ways to partner in order to further implementation.
- **Friday, July 21, 2017 - San Jose Initial Relationship Building**—Staff began initial relationship building with celebrated organizations in the area including, Catholic Charities, Services Immigrant Rights and Education Network (SIREN), and TransForm Silicon Valley. Outreach will continue to help inform Latin@ engagement strategy.
- **Friday, July 14, 2017 – Pittsburg Unified School District Idle Free Program** – Staff met with School District representatives to plan the re-launch of last year's Idle Free policy and program district-wide.
- **Friday, July 7, 2017 – Vision y Compromiso Meeting** – Staff had a phone meeting with this Statewide group that trains Promotores on a number of topics. They are interested in having the Air District provide information about air quality and climate change to their members.
- **Thursday, July 6, 2017 – Resilient by Design Meeting** – Staff met with representatives from Resilient by Design to identify potential avenues for collaboration.

- **Wednesday, July 5, 2017 – Creative Community Engagement-** Staff met with James Rojas to learn about the method he has used in numerous cities throughout the nation and globally for building engaging outreach to diverse communities using three dimensional found objects.

Other

- **Wednesday, September 27, 2017 – BARHII Built Environment Meeting –** Staff called into the BARHII Built Environment Meeting in which the primary focus was on building community resilience to the impacts of climate change. The meeting kicked off with a conversation about what public health departments are doing post hurricanes to prepare better for disasters related to climate change.
- **Monday, September 25, 2017 – Alhambra High School Visit/Tour –** Staff hosted students from Alhambra High School in Martinez. A few students contributed to an Idle Free Bay Area presentation to the Community Engagement Committee before embarking on a tour of the Air District’s meteorology room and laboratory. Approximately 25 students visited the Air District and participated on the tour.
- **Thursday, September 21, 2017 – Trip Tracking Focus Group –** Staff participated in a focus group on MTC/Air District Trip Diary Pilot commute apps. The group discussed their experiences using the “CommuteCoin” and “DriverMiles” apps. The feedback will inform upcoming regional TDM incentive programs.
- **Wednesday, September 20, 2017 – GARE Training – Racial Equity and Community Engagement.** Staff attended a ½ day training in Oakland.
- **Wednesday, September 20, 2017 – [9th Annual Sustainability Awards Gala](#) –** Staff attended the at Gala event as support for the Contra Costa Resource Team.
- **Friday, September 15, 2017 – BARHII General Membership Meeting –** Staff called into the monthly BARHII's General Membership Meeting. Focus was to coordinate our regional response to hate and bias---and provide training on how to build off current events to raise awareness and increase momentum for essential health equity efforts. Berkeley Media Studies discussed how to harness the urgency of the current moment to advance communications that fight hate and bias. Specific topics included: A review of our current actions, including what the region and individual counties have done; Group discussion focused on what we want to say, who we'll be influencing, and what we want them to do; How we can use our Public Health voice to amplify an anti-hate message.
- **Tuesday, September 12, 2017 – GreenTrip Champion Awards –** Staff attended the “GreenTrip Champion Awards” hosted by TransForm in Oakland. At the event, GreenTrips celebrated their champions: the housing developers that have achieved Platinum Certification on a residential project, and the civic partners that have adopted GreenTRIP into their policies.
- **Friday, September 8, 2017 – Meeting with Our Lady of Guadalupe Church –** Staff met with church staff to discuss community needs in East San Jose.

- **Friday, September 8, 2017 – Meeting with City of San Jose Recreation and Neighborhood Services** – Staff met with City of San Jose staff to discuss community needs in East San Jose and surrounding neighborhoods.
- **Friday, September 8, 2017 – Meeting with Somos MayFair**– Staff met with a staff representative to discuss community needs in East San Jose.
- **Friday, September 8, 2017** – Staff convened a meeting with ARB and UC Davis to review data and measurements conducted for the East Oakland Air Study effort.
- **Thursday, September 7, 2017 – CEQA Guidelines Update Workshop** – Staff facilitated this public workshop that kicked off the public input process for the review of the Air District’s CEQA Guidelines.
- **Tuesday, September 5, 2017** - Staff participated in a conference call and an online presentation with US EPA regarding the updates of the research from the Brookfield Elementary Green Vegetation Barrier project.
- **Friday, September 1, 2017** - Staff sent out notes and supplemental materials from the Cumulative Impacts Working Group.
- **Thursday, August 31, 2017** – Staff had a meeting with EPA regarding the Community Grantees Conference scheduled for October 14th and October 15th, 2017. The Air District staff agreed to support the event by planning the Community Tour of West Oakland with the West Oakland Environmental Indicators Project (WOEIP). Staff also initiated sending out invitations to our grantees.
- **Thursday, August 31, 2017 – Bolder Advocacy Training** – Staff attended the “Bolder Advocacy Training” hosted by Thrive in Redwood City. Sara Matlin, Alliance for Justice (AFJ), provided an overview of how nonpartisan advocacy and organizations’ responsibilities, as well as how staff can increase lobbying power. The training also featured United Way Bay Area (UWBA) Policy Team who shared their organization’s best practices and helpful tools to use to become advocacy savvy.
- **Wednesday, August 30, 2017 – Telephone call with Green Ninja** - Staff discussed phase one of the Community Science grant deliverables with Eugene Cordero and his staff.
- **Wednesday, August 30, 2017 – Meeting with Sonoma Technologies Inc.** - Staff met with Hilary Hafner, STI, to discuss logistics for the Kids Making Sense training. The training is scheduled for the week of September 18.
- **Wednesday, August 30, 2017 – Meeting with Community Focus** - Staff had a phone call with Stephanie Anderson to discuss extending the Limited English Proficient outreach contract.
- **Wednesday August 30 through Thursday August 31, 2017** – Staff has been in direct communications with EDF, ARB in planning the Mobil Community Monitoring Project in Richmond, and preparing to conduct outreach to local community organizations. There may or may not be a community meeting held in Richmond informing the public about the Mobil Community Research project.
- **Wednesday, August 30, 2017 – CEQA Internal Guidelines Update Working Group** – Staff participated in this internal working group to provide input from the Community Engagement perspective.

- **Monday, August 28, 2017 – Acterra Sponsorship Planning** – Staff met with representatives of Acterra to discuss potential sponsoring/partnering opportunities to promote electric vehicles, and key strategies of our Clean Air Plan.
- **Thursday, August 24, 2017 – Unconscious Bias Training** - Staff attended the Unconscious Bias training. Dr. Tony Byers, Principal Consultant at Cook Ross, discuss and explored the science of human behavior. He provided an overview of research and mitigation strategies to recognize the impact of unconscious bias in our daily interactions, behaviors, and decision-making.
- **Tuesday, August 22, 2017 – Call with Vive Calle SJ** – Staff had a phone call with Director of Vive CalleSJ to discuss how the Air District can partner on San Jose’s Open Streets to increase active transportation.
- **Thursday, August 17, 2017 – Community Engagement Office Staff Retreat** – Community Engagement staff attended and participated in a staff retreat. Staff brainstormed program milestones, discussed individual program details and deadlines and will strive to improve and foster inter-team communication.
- **Friday, August 11, 2017 – Greenlining Institute Graduation** - Staff attended the Greenlining Institute Graduation ceremony.
- **Friday, August 11, 2017 – Community Climate Solutions** – Staff met with representatives from CCS to learn about their online community engagement platform and to explore how it might integrate with current online platforms and engagement strategies.
- **Friday, August 11, 2017 – Greenlining Institute Graduation** - Staff attended the Greenlining Institute Graduation ceremony.
- **Thursday, August 10, 2017 – GARE Training** – Staff attended an all-day Train-the-Trainer workshop hosted by GARE. This training provided an opportunity to spread the expertise being developed by each jurisdiction’s racial equity core team on the framework for institutional change. The training was divided into two portions. Structural Racism 101 followed by an explanation for why they deliver the training in the way that they do, and hands on opportunities to begin delivering the training. GARE provided a training guide and templates for how to build our own training team at the AD.
- **Thursday, August 10, 2017 – Meeting with Kearns and West** – Staff met with Ben Gettleman, Kearns and West, to review last minute logistics for the upcoming Community Engagement Office staff retreat. The staff retreat is scheduled for Thursday, August 17 and will allow staff the opportunity to review key upcoming program efforts, conduct department visioning exercise and discuss yearly program planning goals.
- **Wednesday, August 9, 2017 – South Vallejo Community Meeting** – Staff participated in a listening session to hear the concerns of the some of the Environmental Justice Community members.
- **Tuesday, August 8, 2017 – Silicon Valley Bike Summit** – Staff attended the 7th Annual Silicon Valley Bike Summit hosted by the Silicon Valley Bicycle Coalition. The Summit is known to be the region’s largest gathering of active transportation leaders and organizers from government, law enforcement, non-profit, and the public. Tamika Butler, Executive Director of the Los Angeles Neighborhood Land

Trust and former Executive Director of Los Angeles County Bicycle Coalition (LACBC) was the keynote speaker and discussed LACBC's work on Vision Zero, law enforcement, and creating safe bicycling for the diverse population of LA. The Bike Summit also had sessions on Safe Routes to Schools, protected bike lanes, Bikes + Transit, planning low-stress bike networks, and bicycling encouragement programs. Approximately 300 people attended the event.

- **Thursday, August 3, 2017 – Air Watch Bay Area Meeting** – Staff met with Cheryl Holzmeyer who is helping to develop an application and website to encourage Bay Area residents to document air quality concerns, report them to the Air District, and access resources. Staff provided feedback on their “BETA” site, and plan to continue dialogue to encourage a collaborative approach on this effort.
- **Thursday, August 3, 2017 - Telemundo Outreach Events Meeting** – Staff met with representatives of Telemundo to discuss potential events were CEO staff could collaborate and engage with the Spanish-speaking, Latin@ community.
- **Tuesday, August 1, 2017 – Community Engagement Office Team Building/Visioning Exercise** – Staff participated in a team building and visioning exercise to improve team communication dynamics, become aware of other team work styles and discuss a vision for the future for the Community Engagement Office.
- **Wednesday, July 26, 2017 – Meeting with BVHP groups** - Staff met with Community groups to develop a Mapping Plan workshop to identify hidden hazards in BVHP.
- **Wednesday, July 26, 2017 – Community Science Presentation** – Dr. Nick Spada, UC Davis presented his initial findings in East Oakland using Drum Impactors (Rotating Disk Impactors, Dusk Trackers along with CARB SMP Gas sampling devices).
- **Tuesday, July 25, 2017 - US EPA, CAL EPA and the Air District** - held a conference call to discuss the planning of the October 2017 Environmental Justice Grantees Conference. This is an ongoing process until completion.
- **Tuesday, July 25, 2017 – Meeting with Kearns and West** – Staff met with Ben Gettleman, Kearns and West, to organize the upcoming Community Engagement Office staff retreat. The staff retreat is scheduled for Thursday, August 17 and will allow staff the opportunity to review key upcoming program efforts, conduct department visioning exercise and discuss yearly program planning goals.
- **Saturday, July 22, 2017** – Staff hosted a Spare the Air Table at Oakland's PedalFest 2017. Staff also conducted a outreach campaign to invite and notify the public about the upcoming 2018 Bike the Bay Trails.
- **Thursday, July 20, 2017 – Who's Leading the Leading Health Indicators Webinar** – Staff attended a webinar hosted by Healthy People 2020 to learn about progress made toward achieving the “Healthy People 2020 Social Determinants Leading Health Indicator”. The “Diplomas Now” program is working to increase high school graduation rates by focusing on chronic absenteeism, behavior, and course performance in school.

- **Thursday, July 20, 2017 – 2017 Shared Use Ambassadors: Best Practices in Shared Use** – Staff attended a webinar hosted by Safe Routes to School (SRTS) National Partnership to learn about SRTS’ shared use ambassador program and how ambassadors can help improve physical activity opportunities in communities through policy, programs and community engagement.
- **Wednesday, July 19, 2017 - Meeting with Sustainable Silicon Valley, Conference Call** – Staff met with representatives from Sustainable Silicon Valley via conference call to discuss their first quarter progress report on their Net Positive Communities – East Palo Alto Project.
- **Tuesday, July 18, 2017 – ROAR-Equity Speaker’s Series** – Staff partnered with Office of DEI and ROAR-Equity to host Dr. Tamu Nolfo as the second racial equity speaker as part of our objective to normalize conversations of race and equity. Standing room only in the Ohlone Room! The focus of the training was on culturally competent organizations.
- **Thursday, July 13, 2017 – GARE ½ Day Training** – Staff attended a half day training on Action Planning in Oakland.
- **Tuesday, July 12, 2017 – Climate and Public Health Policy Initiative Meeting** – Staff participated in a phone meeting with California Public Health leaders working on climate change. The group is discussing potential statewide policy efforts that address public health and climate.
- **Tuesday, July 11, 2017 – ROAR-Equity Presentation to BARC Leadership** - Staff representative on ROAR-Equity work group presented to BARC Leadership.
- **Monday, July 10, 2017 – CalEnviroScreen Training Video** – Staff reviewed and discussed the online training videos on CalEnviroScreen 3.0. The training videos are a series of modules that give an overview of CalEnviroScreen 3.0, a history of environmental justice at CalEPA, information on the CalEnviroScreen model, indicators, scoring and how the tool is used.
- **Thursday, July 6, 2017 – GARE/ROAR-Equity** – Staff attended multiple ROAR-Equity meetings. The first was an internal meeting to present the Racial Equity Tool that staff collaborated with MTC and BCDC staff on. The Air District team was impressed with the tool – next step is to shorten the tool. The second meeting was with the cross-agency ROAR-Equity team to review the BARC Presentation and Racial Equity Tool. Many edits were provided to the team lead.

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

Air Quality Planning

Staff continued work on updating the CEQA Guidelines and Thresholds, including: releasing a Request for Proposal to solicit consultant assistance to review previous and new thresholds of significance methodologies, evaluating and scoring consultant proposals received for assistance on updating the CEQA thresholds and guidelines, drafting a preliminary work schedule for the update and hosting a public workshop/webcast to

formally kick-off the CEQA update process. Staff continued implementation of the Air District's California Environmental Quality Act (CEQA) Guidelines, including: tracking their use by lead agencies; reviewing air quality analysis in CEQA documents; drafting comment letters for projects; and responding to inquiries from consultants, local governments, and businesses. Staff provided a CEQA comment letter to: the City of Santa Clara on the Mitigated Negative Declaration for the 1700 Russell Hydrogen Fuel Facility Project, the City of San Jose on the Draft EIR for the 237 Industrial Center Project and the City and County of San Francisco on the Draft EIR for the Biosolids Digester Facilities Project. Staff continued to implement the 2017 Clean Air Plan (2017 CAP), including; Control Measure WA3: Green Waste Diversion, by working with Cal Recycle, ARB and other Air District divisions to implement SB1383, part of the State's Short Lived Climate Pollutants plan to remove organics from the waste stream; initiating work on implementing: Urban Tree Planting, by researching existing tree preservation ordinances in the Bay Area; working on the CEQA Guidelines and other local guidance documents and resources. Staff made a presentation to the South Beach Community Association on the 2017 CAP. Staff attended and made a presentation at a workshop hosted by the City of El Cerrito in coordination with the Contra Costa County Climate Leaders program entitled "Transforming the Transportation Sector in Your City!" Staff attended and made a presentation on the 2017 CAP and Transportation Fund for Clean Air at a transportation workshop hosted by Contra Costa County Climate Leaders. Staff participated in the regular monthly California Air Pollution Control Officers Association Planning Managers Committee conference call.

Research and Modeling Program

Staff continued to improve air quality modeling for the period from mid-May through mid-October 2016 in support of the California Baseline Ozone Transport Study (CABOTS). Staff participated in several meetings and teleconference calls organized by ARB in regard to CABOTS projects, including reviewing progress of ongoing projects, evaluating proposals, and developing new projects. Staff implemented the latest version of the US EPA's Community Multiscale Air Quality (CMAQ) Modeling System. Collaborating with staff from the Engineering Division, consultants, and US EPA, staff worked on the District's SO₂ Demonstration Project. Work included drafting an SO₂ Demonstration Protocol, preparing an SO₂ emissions inventory for modeling, and conducting preliminary simulations with the California puff model (CALPUFF) and the US EPA's CMAQ model. Staff continued to work with San Jose State University (SJSU) to schedule weekly ozonesonde (balloon-borne) measurements at Half Moon Bay. Staff participated in several conference calls with SJSU to discuss updates on the ozonesonde measurements and the university's street-level ambient PM estimation project. Staff participated with Meteorology and Measurement staff to evaluate current locations of the District's air monitoring stations and the pollutant species measured at each site. Staff began assembling meteorological, air quality, and satellite data collected during the September wildfires to investigate whether exceedances experienced during these fires can be qualified as an exceptional event. Staff assisted updating air quality information for MTC Vital Signs

webpages. Staff participated in the Meteorology and Climate – Modeling for Air Quality Conference at UC Davis.

Community Air Risk Evaluation (CARE)

Staff met with representatives from the Environmental Defense Fund (EDF) and the University of Texas at Austin to describe and present findings from the Google/EDF StreetView car measurement program in West Oakland to staff with the City of Oakland and with the Port of Oakland. Staff met with the California Air Resources Board (ARB) and EDF to discuss plans to conduct additional monitoring, like the West Oakland StreetView car measurement program, in other Bay Area communities. Staff participated in a meeting with ARB and UC Davis researchers to discuss progress with metals and other air pollution measurements in East Oakland. Staff worked with San Francisco Planning and Department of Public Health staff to update the Community Risk Reduction Plan. Staff created several maps to determine whether the existing network of meteorological stations is sufficient to support health risk analysis at facilities subject to draft Regulation 11-18. Staff, with the Director of Meteorology and Measurements, held a conference call with Dr. Ned Helme at the UC Berkeley School of Public Policy and with West Oakland Environmental Indicators Project (WOEIP) representatives to discuss possible approaches for implantation of AB 617. Staff coordinated with the Air Quality Monitoring Section to assist UC Berkeley in siting a low-cost sensor monitoring “node” at the District’s San Pablo station to extend and to help evaluate the Berkeley Atmospheric CO₂ Network (BEACO₂N). Staff also coordinated with the community group GreenAction of San Francisco and with the 3rd Street Youth Center & Clinic for placement of additional BEACO₂N nodes in the Bayview/Hunter’s Point area.

Emissions Inventories

Staff submitted 2016 point-source emission data (criteria and toxic) to ARB. Staff continued implementing prioritization score methodology for District-permitted stationary sources to report to ARB for the AB2588 program. Staff participated in a webinar presentation by ARB on the California Methane Survey, a study by NASA-Jet Propulsion Laboratory funded by ARB and the California Energy Commission (CEC), to assess major sources of methane plumes detected by remote sensing techniques collected via aircraft. Staff compiled a list of the Bay Area composting operations that could be included in a methane reduction measure proposed in the 2017 Clean Air Plan. Staff continued developing base-year emission estimates for 2015, reviewed emissions from major facilities, and worked with Engineering Division to develop corrections to some historical emission estimates. Staff worked with the Research and Modeling Section on an update to wood smoke emission inventory using the results from the District’s wood burning surveys, census housing data, and information on the District’s wood burning device change-out program. Staff participated in in-house meetings with the new Technology Implementation Officer to discuss opportunities to reduce emissions on smaller GHG emitting sources.

Climate Protection Program

Staff launched the Bay Area Solar Photovoltaic (PV) Ordinance Toolkit project by finalizing a model solar ordinance and support materials to support local governments seeking to require solar PV to be installed on all new low-rise residential construction and a comprehensive suite of supporting documents and tools. The Toolkit was placed on the Air District website, presented to the Bay Area Regional Collaborative Board, and presented in a kick-off webinar for local governments and solar industry representatives. In the wake of President Trump's decision to withdraw from the Paris Climate Agreement, staff presented to the Climate Protection Committee recommending that the Air District demonstrate its support for the Paris Agreement by joining the Under2 MOU, and signing the "We Are Still In" letter. The Board of Directors approved Air District participation in both actions. Staff met with multiple stakeholder groups, principally local government staff, to gather input for developing the Climate Protection Grant Program. Staff met with San Francisco Department of Environment staff to discuss possible collaboration to investigate natural gas leaks in the natural gas distribution infrastructure and on the City's program to improve the energy efficiency of refrigeration systems in small supermarkets. Staff participated in a workshop to help the City of Oakland define the transportation element of its long-range strategy to achieve its GHG reduction target for 2050. Staff attended the California Climate Action Planning Conference at Cal Poly, San Luis Obispo and presented in a panel discussion titled "Measuring Success – Is the Needle Moving?". Staff established an inter-divisional GHG Research Working Group with representatives from Climate Protection, Emissions Inventory, Rule Development, Air Monitoring, Engineering and Compliance and Enforcement to discuss future research priorities and use of the Air District's mobile research equipment, including the research van. Staff launched off a contract with Kairos Aerospace to conduct airborne infrared remote sensing surveys of methane. Staff conducted a leak detection survey of PG&E facilities to gain information on leak trends and inform rule-making.

**RULES AND STRATEGIC POLICY OFFICE
G. NUDD, ACTING OFFICER**

Community Protection/AB 617 Efforts

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

Proposed Rule 11-18 is the next step in the Air District's efforts to protect public health from toxic air pollution. The rule is expected to substantially reduce health risks posed by various facilities by requiring the implementation of all technically and economically feasible risk reduction measures to significant sources of toxic air contaminants (TACs). The proposed rule would affect hundreds of facilities, from large facilities like petroleum refineries to much smaller businesses like some dry cleaners and crematoria. These facilities emit a variety of TACs that can adversely impact public health. These pollutants include compounds such as diesel particulate matter (DPM), benzene, polycyclic aromatic hydrocarbons (PAHs), and 1,3-butadiene.

Staff provided an update on Rule 11-18 to the Stationary Source Committee on Sept. 18. The full Board was also provided with an update on September 20th. The draft staff report, draft EIR, socioeconomic report and rule language are currently out for public comment. Comments on the draft EIR and Rule were due on October 16, 2017. Staff plans to bring Rule 11-18 to the Board for consideration on November 15th.

AB 617 BARCT Review

Assembly Bill 617 was signed by the Governor in July 26, 2017. It requires air districts to review the control technology installed on pollution sources located at facilities subject to the Cap-and-Trade program. The Air District has 80 facilities which are subject to Cap-and-Trade. These 80 facilities have over 3,000 sources. The Air District must review these sources and determine if the Best Available Retrofit Control Technology (BARCT) is being used. For the sources where BARCT is not being used, the Air District must develop a proposed BARCT determination for the source category and a schedule for finalizing the appropriate rules. That schedule must be approved by the Board before the end of 2018. Since the schedule will likely result in the installation of control equipment, the Air District will have to conduct an EIR to evaluate the possible environmental impact of adopting the schedule.

Staff is working with the Air Resources Board and the South Coast Air Quality Management District to coordinate on timing and approach. Staff is planning to identify the source categories that require more stringent controls before the end of 2017. Once those categories have been identified, staff will work with the impacted industries to ensure we are using the most accurate and current data in this analysis.

Climate Rules

Rule 13-2: General Prohibition on Significant Methane Releases

Right now, methane and natural gas releases are exempt from Air District regulations because those rules were designed to reduce ozone and methane does not contribute to ozone formation. As a result, the Air District has no regulatory basis for requiring facilities to fix methane leaks. Rule 13-2 would prohibit methane releases of more than 10,000 ppm and 0.4 pounds per hour. This general prohibition will enable the Air District to compel facilities to fix major leaks while we develop more specific rules to address methane from particular source categories, such as landfills and composting operations. This would be the first such rule in the United States.

Staff has been meeting extensively with PG&E regarding this rule to make sure that the rule will complement their existing programs for limiting leaks in accordance with the regulations set by the California Public Utility Commission (CPUC). On September 26, staff convened the first meeting of our methane expert panel with representatives from PG&E, ARB, CalRecycle, Publicly-Owned Treatment Works, Environmental Defense Fund and academia. The panel agreed that the limits we are considering in this rule appear

to be workable. Further analysis and outreach are underway to ensure the staff understands the possible impacts of this rule. We expect to bring this rule to the Board in the Spring 2018.

Compost Rule

California has mandated that green waste be diverted from landfills in order to avoid methane generation at the landfill. However, the increased volume of green waste is overwhelming the capacity of existing composting facilities. As a result, sometimes the waste is not composted properly which results in emissions of volatile organic compounds (VOC), methane, and significant odors. The rule will establish best practices requirements for composting operations. These best practices will minimize all air emissions, including methane and will minimize odors.

Staff is working with the compost industry and CalRecycle and county health departments to develop standardized best practices for composting operations. That work will result in a draft rule and workshop report. We expect to bring this rule to workshop in Spring 2018.

Rule 8-37: Natural Gas and Crude Oil Production Facilities

The Air District's oil and gas rule has not been updated since 1990. Oil and gas facilities are using outdated practices resulting in excess emissions of VOC, methane, and toxic pollutants. In July 2017, ARB finalized their oil and gas rule with a focus on reducing methane from high-production wells and on preventing significant methane leaks from natural gas storage facilities (such as Aliso Canyon in Southern California). The Air District is developing a rule that builds on and complements the ARB rule by extending it to related sources and ensuring toxic air contaminants are minimized.

Staff have developed a field research plan to gather more detailed and Bay Area-specific data on methane and toxic emissions from our wells. That data is needed to determine the cost effectiveness of our rule and to ensure appropriate measures are included to limit toxic emissions. We expect to bring this rule to workshop in early Summer 2018.

Refinery Rules

Rule 12-16 Petroleum Refining Facility-Wide Emissions Limits

Regulation 12, Rule 16 has been in development for several years. The most recent version would have capped refinery CO₂ emissions. This past summer the California legislature enacted and Governor Brown signed, Assembly Bill 398, California Global Warming Solutions Act of 2006. Among its many provisions this bill extends the Cap-and-Trade program from 2020 to 2030. Importantly this bill *“prohibits air districts from adopting or implementing an emission reduction rule for carbon dioxide from stationary sources that are also subject to Cap-and-Trade.”*

After careful review of the language and legislative history of AB 398, staff have suspended further action on Regulation 12, Rule 16.

Rule 13-1: Refinery Emission Intensity Limits

Regulation 13, Rule 1 was developed as an alternative approach to address the concerns about the impact of changing crude slates on refinery emissions. Rule 13-1 would have capped refinery carbon intensity or the amount of CO₂ per barrel of crude oil processed. This approach would have addressed crude slate concerns while minimizing interference with the petroleum fuels market. However, it would have allowed individual refineries to increase production if emission intensity did not increase.

AB 398 has the same impact on Rule 13-1 as it does on Rule 12-16, therefore staff have suspended further action on this rule as well.

Criteria Pollutant Rules

Particulate Matter Rules

The Air District's foundation for particulate matter (PM) control is Regulation 6. This includes basic restrictions on opacity and emissions of total suspended particulate. Some of the essential requirements of this rule haven't been updated since 1990. Updating Regulation 6 is a necessary first step to ensure we have a solid foundation for upcoming PM rules. In addition to an update of Regulation 6, staff is incorporating requirements for fugitive dust control from bulk material storage and handling facilities, and developing an additional rule: Rule 6-6: Prohibition of Trackout. These rules will significantly reduce PM emissions that contribute to localized problems and regional PM exposure.

The Regulation 6 rules have completed the workshop phase and are being finalized for management review. Once they have completed management review, they will be posted for comment. Staff plans to bring these rules to the Board for consideration in February 2018.

Regulation 9, Rule 1: Sulfur Dioxide

As part of the effort to reduce criteria pollutant emissions from refineries, staff is working on an amendment to Rule 9-1. This rule includes a limit on sulfur in refinery fuel gas. Refinery fuel gas is a byproduct of the refining process that is burned to produce heat for refinery operations. The combustion of this fuel produces several criteria pollutants including sulfur dioxide (SO₂). Once released into the atmosphere, SO₂ either converts to fine particulate matter (PM_{2.5}) or acid rain. Staff is working to amend this rule to tighten limits on sulfur content of this fuel. This is expected to reduce SO₂ from refineries emissions by 245 tons per year (tpy).

A workshop report has been drafted for the Rule 9-1 amendments and is in management review. Outreach efforts are planned for November or December.

Regulation 9, Rule 9: Nitrogen Oxides from Stationary Gas Turbines

This rule was last updated in 2006, since then improvements in technology have enabled the cost-effective control of nitrogen oxides (NO_x) from medium-size turbines. As a result, staff is preparing amendments to this rule that would require installation of NO_x controls on currently under-controlled turbines, including two at the Valero refinery in Benicia. This rule is expected to reduce NO_x emissions by at least 255 tpy, 211 tpy of which would be from the Valero refinery. The reduction from Valero helps the Air District meet its goal of reducing refinery criteria pollutant emissions by 20% or as much as feasible.

A workshop report has been drafted for the Rule 9-9 amendments and is in internal review. Outreach efforts are planned for early January 2018.

<p style="text-align: center;">STRATEGICS INCENTIVES DIVISION K. SCHKOLNICK, DIRECTOR</p>

The following is a summary of open Air District incentive funding programs:

- **Charge!--Electric Vehicle Charging Station Program** – Up to \$5 million is available to deploy new, qualifying electric vehicle charging stations at transportation corridors, workplaces, multi-family-unit dwellings, park and rides, and key destinations. Applications are being accepted on a first-come, first served basis until March 9, 2018, or until funds are exhausted. www.baaqmd.gov/charge
- **Carl Moyer Program** – More than \$16 million is available for projects that upgrade or replace eligible diesel equipment, including on-road trucks, off-road equipment, marine engines, agricultural equipment, locomotives, and electric charging and alternative fueling infrastructure. Applications will be accepted on a first-come, first-served basis until all funds are awarded. www.baaqmd.gov/moyer
- **Lower-Emission School Bus Program** – As part of the Carl Moyer Program, funding is available for public school districts, JPAs, and contracted fleets in the Bay Area for bus replacement, engine repower or electric conversion, natural gas tank replacement, and electric charging & alternative fueling infrastructure projects. Applications will be accepted on a first-come, first served basis until all funds are awarded. www.baaqmd.gov/lesbp
- **Vehicle Buyback Program** –The Vehicle Buy Back Program will pay Bay Area residents \$1,000 to turn in their operable, registered, older vehicle for scrapping. Eligible vehicles include those that are model year 1996 and older. www.baaqmd.gov/vbb

- **Residential Wood Smoke Reduction Incentive Program** – Up to \$800,000 is available to help eligible Bay Area homeowners to offset a portion of the cost to replace older, more highly polluting fireplaces and wood-burning stoves with qualifying cleaner qualifying heating devices including electric heat pumps, and natural-gas or propane heating stoves and inserts. Funding is also available to help homeowners decommission their working fireplaces and wood stoves by permanently taking them out of service. Funding is currently limited to homes located in [Air District designated highly impacted and high-woodsmoke areas.](http://www.baaqmd.gov/woodsmokegrant)

Coming soon!

- **Pilot Trip Reduction Program** – This program is scheduled to begin accepting applications in mid-December 2017 and up to \$3 million will be available to support innovative and replicable projects sponsored by public agencies that reduce single-occupancy, commute-hour, motor vehicle trips. Funding is limited to projects that are conducted in either [Priority Development areas](http://www.baaqmd.gov/grant-funding/public-agencies/pilot-trip-reduction-program) (PDAs) or Air District designated [highly impacted areas.](http://www.baaqmd.gov/grant-funding/public-agencies/pilot-trip-reduction-program)
- **Light- and Heavy-Duty Zero-Emissions Vehicle Program** – This program will begin accepting applications in early 2018 and up to \$5 million will be available for to applicants who purchase qualifying new zero-emissions heavy-duty trucks and buses and/or three or more qualifying new zero-emissions light-duty cars and trucks. www.baaqmd.gov/HDZEV

Carl Moyer Program (CMP)

- Staff participated in the following meetings
 - California Air Resources Board (CARB) Off-Road Advanced Technology Demonstration Project Applicant Teleconference, 7/6.
 - CAPCOA Tactical Team conference call with CARB and other air districts, 7/6, 7/19.
 - West Coast Electric Fleets conference call with CARB and electric vehicle deployment stakeholders, 7/6.
 - District training, *Change Management*, 7/13.
 - Training webinar for ARB's statewide CMP data reporting system (CARL), 7/26.
 - CAPCOA Grants Committee statewide conference call with ARB and the air districts, 8/9.
 - CAPCOA Mobile Source & Grants Committee Symposium, 9/12-13.
 - ARB training classes 504 and 505 in San Leandro to provide information on CMP funding, 9/6.

- With ARB CMP school bus staff to discuss school bus project requirements under the CMP guidelines, 9/27.
- Staff continues to hold weekly meetings with the contractor for the rebuild and testing of the online application system for Year 19, May – September.
- Staff hosted a training webinar for on-road vendors (15 attendees), 7/14 and 7/22 (22 attendees)
- Staff submitted the required 2017 CMP Yearly Report on completed CMP projects to ARB, 8/21.
- Staff presented information about Year 19 funding opportunities at the ARB One-Stop Event (over 100 attendees), Santa Rosa, 8/30.
- Staff presented information about Year 19 funding opportunities for on-road and off-road equipment owners at two ARB training courses, San Jose, 9/1.
- Staff amended the Vehicle Buyback Program agreements with program dismantlers to expand the eligible model years to include 1995 and 1996 vehicles.

Goods Movement Program (GMP)

- The program closed its third solicitation for trucks, cargo-handling equipment, and TRU projects, receiving applications for the replacement of 249 trucks, 11 lifts, 19 yard boats and 16 TRUs, along with 6 applications for electric charging infrastructure, 6/30.
- Staff completed inspections for three locomotive replacement projects (Union Pacific, CA Northern Railroad), 7/28 & 9/21.
- Staff submitted the Year 5, Solicitation 3 truck projects rank list, 7/19 and this rank list for 248 truck projects was approved by ARB and posted to the Air District website, 8/9.
- Staff submitted to ARB for approval the draft rank list for 36 cargo-handling equipment and charging infrastructure projects (\$4,626,750), 7/28.
- Staff submitted the quarterly report to U.S. EPA for the Tier 4 locomotive grant, DE-99T42401-1, 7/14.
- Staff submitted an ARB disbursement request for \$215,948 in program funds, 8/29.
- Staff attended the Local Agency Call (statewide call) with ARB and the air districts administering GMP, 8/16.
- Staff attended the ARB Public Workshop on Minimizing Community Health Impacts from Large Freight Facilities, 9/6.
- Staff met with ARB and other GMP air districts to discuss project transfers between districts, 9/14.
- Staff attended a conference call with ARB staff regarding YR5 TRU and locomotive projects requirements, 9/26.

Lower Emission School Bus Program (LESBP)

- Staff completed post-inspections for 12 public school bus CNG tank replacement projects, 7/11-8/1.
- Staff approved payments totaling \$239,996 for CNG tank replacement projects as follows: 4 buses for San Mateo-Foster City School District (Santa Mateo Co.); 1 bus for Moreland School District (Santa Clara Co.), and 7 buses for West County Transportation (Sonoma Co.), 8/7.

Grants Development

- Staff held a conference call with CEC staff regarding the Draft Solicitation Concepts for Renewable Hydrogen Transportation Fuel Production Facilities & Systems, 7/24.
- **EFMP Plus-up**
 - Staff met with representatives from the Center for Sustainable Energy to discuss opportunities for outreach on the Enhanced Fleet Modernization Program, 7/5.
 - Staff held a conference call with Beneficial State Foundation representative to discuss participation in the financing portion of the program, 7/17.
 - Staff held a conference call with Pick-n-Pull representatives to discuss their potential role as dismantlers for the program, 7/24.
 - Staff held a conference call with ARB staff to review the draft EFMP plan, 7/26.
 - Staff submitted a revised draft of the EFMP plan to ARB for their approval, 8/7.
 - Staff formally submitted the EFMP plan to ARB, 9/27.
- **ARB Off-road Advanced Technology Demonstration Solicitation**
 - Staff held a conference call with TransPower and Kolmar representatives to discuss partnering on a project to demonstrate zero-emission heavy-duty cargo handling equipment at the Port of Oakland, 7/18.
 - Staff held a conference call with FreeWire representatives to discuss opportunities for partnering on a project to demonstrate zero-emission battery-electric power to replace diesel generators used in the repair of aircraft at the Oakland Airport, 7/25 & 8/14. And the Air District partnered on the submittal of a project by Center for Alternative Fuels under the LCTFI and the AQIP Off-Road Advanced Technology Demonstration Projects for a Zero-Emission Airports: All-Electric Ground Power Unit Demonstration proposal, 9/6.
 - Staff met with Red & White Fleet representatives to discuss opportunities for partnering on a proposal for a hydrogen fuel cell ferry, 8/4. And staff submitted a proposal to ARB requesting \$3 million for a Zero-emission Hydrogen Ferry Demonstration through the Low Carbon Transportation and Fuels Investments

(LCTFI) and the AQIP Off-Road Advanced Technology Demonstration Projects, 9/6.

- **ARB On-road Advanced Technology Demonstration Solicitation**
 - Staff held a conference call with SCAQMD and other air districts to discuss partnering on a joint proposal, 7/20 & 7/25.
 - Staff held a conference call with representatives from Devine Intermodal, SCAQMD, and Gladstein Neandross & Assoc. to discuss Devine Intermodals participation in a proposal, 8/9.
 - Staff drafted letter for ED's signature and sent letter to CalStart in support of their proposal to demonstrate ITS projects at Port of Oakland, 8/14.

Transportation Fund for Clean Air (TFCA)

- ***Transportation Fund for Clean Air (TFCA)-County Program Manager (CPM) Fund***
 - Staff issued draft TFCA CPM Fund Policies for Fiscal Year Ending (FYE) 2019 to the CPM liaisons for formal comments, 8/4.
 - Staff hosted a CPM Work Group Meeting via conference call to discuss the proposed TFCA CPM Fund Policies for FYE 2019 and the meeting was attended by eight of the nine CPMs. The deadline to submit comments was September 18, 2017, and by the deadline staff received comments from three of the nine CPMs, 9/18.

Transportation Fund for Clean Air (TFCA)-Regional Fund Program

- **Plug-in Electric Vehicle (PEV) Program:**
 - ***Charge! Program***
 - To date, 32 applications have been received totaling \$2.8 million in funds requested. 19 applications have been awarded, 1 application has been rejected, and 12 applications are under review. The deadline to submit applications was extended to March 9, 2018, 10/3.
 - Staff hosted three pre-application workshops for the to discuss the program requirements, application process, and evaluation criteria, 7/18, 8/29 & 9/19.
 - Staff teleconferenced with representatives from Tesla to discuss the District's Charge! program and opportunities to coordinate on efforts to expand EV infrastructure.
 - ***EV Coordinating Council:*** Staff met with representatives from MTC and Kearns and West to plan for the next EV Steering Committee meeting, 7/12, 9/19, 10/3. Staff held a steering committee meeting, 7/19.

- **Goodwill Electric Truck Project:** Staff hosted a monthly meeting with representatives from BYD, Goodwill, ARB, CTE to discuss progress on the Goodwill Electric Truck Project on 7/12, 8/8, & 9/13. And, staff attended a workshop with representatives from BYD, Goodwill, ARB, CTE, and Orion to discuss options of project data collection, 8/17.
- **Fuel Cell Electric Bus Project:** Staff attended meetings with representatives from CTE, AC Transit, Linde, New Flyer, Linde, TransWorld Associates, LLC, and BZE, LLC, to discuss the project's progress on 8/15, 9/5, and 9/19.
- Staff met with representatives from MTC to discuss the Supplement to the Electrify America's Cycle 1 ZEV Investment Plan, 7/11.
- Staff met with representatives from the Bay Area Regional Energy Network (BayREN) to discuss grant opportunities for electric vehicle charging at multi-family dwellings, 7/27.
- Staff met with a representative from Lawrence Berkeley National Lab to discuss the MyGreenCar app that tracks drivers' trips to help them determine if and what EV would be best for them, 8/1 & 9/27.
- Staff met with representatives from the City of Fremont to discuss potential funding for a pilot electric vehicle program with the City's Police Department, 8/11.
- Staff teleconferenced with representatives of Electrify America to discuss setting up a kick-off meeting to discuss the first cycle of the Volkswagen ZEV Investment Plan, 8/25.
- Staff attended an event to celebrate the launch of the first commercial solar car made by Lightyear, a Dutch start-up, at the Consulate General of the Kingdom of The Netherlands, in San Francisco, 8/28.
- Staff met with representatives from Acterra to discuss opportunities for EV program outreach in disadvantaged communities, 8/28.
- Staff met with representatives from Korea Energy Agency to share Air District's experience in accelerating the deployment of electric vehicles in the Bay Area, 8/1.
- Staff attended webinar hosted by ARB on "Examining Factors that Influence ZEV Sales in California," 9/12.
- Staff attended Electrify America's San Francisco Metro Area Kickoff Meeting, 9/12.
- Staff attended a meeting with representatives from the County of Contra Costa and Tesla to explore the possibility of developing a model ordinance for Bay Area cities and counties, 9/18.
- Staff attended webinar hosted by Veloz on Chargeway, a concept designed to simplify electric car charging and improve user experience, 9/19.

- Staff held a conference call with representatives of the Contra Costa Transportation Agency to discuss issues related to electric vehicle charging station incentive programs, 10/2.
- **Trip Reduction Program:**
 - ***Existing Shuttle/Feeder Bus and Ridesharing Services Program***
 - Staff hosted two pre-application webinars for the Existing Shuttle/Feeder Bus and Ridesharing Services Program, 8/15 & 8/31.
 - The solicitation for the 2018 Existing Shuttle/Feeder Bus and Ridesharing Services Program closed on September 11, 2017. Staff reviewed 7 of the 8 applications received and will be recommending awards for these 7 projects, totaling over \$3.12 million, 10/3.
 - The solicitation for the 2017 Bicycle Facilities Grant Program closed on June 26, 2017. Staff reviewed 15 applications and will be recommending awards for 14 projects, totaling over \$1.43 million, 9/7.
 - Staff attended the Active Transportation Work Group (ATWG) meeting hosted by representatives from MTC, 7/13 and 9/21.
 - Staff met with representatives from Clearsparc to discuss potential online grant management systems, 7/18.
 - Staff attended the Transportation Demand Management (TDM) Workshop hosted by representatives from MTC, 7/20.
 - Staff attended a webinar hosted by MTC on DriverMiles, an app that can be used to track and reward travel choice behaviors, 7/26.
 - Staff participated in the Technical Advisory Committee meeting for the Caltrain Bike Parking Management Plan, 7/27.
 - Staff met with representatives from the MTC to discuss current and upcoming grant programs and ideas for coordination, 7/28 & 8/1.
 - Staff teleconferenced with representatives from the City of Palo Alto to discuss potential funding opportunities for trip reduction projects in Palo Alto, 8/22.
 - Staff attended two project status update meetings with the shared autonomous vehicle project partner team in Contra Costa County, 8/24, 9/28.

Wood Smoke Reduction Incentive Program

- To date, staff have reviewed more than 2,900 applications, of which 903 projects (totaling \$2.2 million in awards) that were awarded funding are active. Of these, 802 projects (88% of approved projects) have been completed to date. Approximately \$1.5 million (68%) of the total \$2.2 million awarded has been to homeowners that meet one or more Highly Impacted Residence criteria.
- Staff met with representatives from Trinity to discuss the status of updates and improvements to the on-line system, 8/14, 9/6 & 9/19.
- Staff participated in a conference calls with CAPCOA's Wood Smoke Reduction Incentive Program working group to discuss the status of ARB's draft guidelines

and Quantification Methodology for a state-wide incentive program that is tentatively scheduled to launch in 2018.

Other Outreach and Meetings

- Staff presented “*Incentivizing Surplus Air Emissions Reductions in the San Francisco Bay Area*” at a meeting with representatives from Beijing Environmental Protection Bureau, and with researchers from the China Academy of Transportation Sciences, Beijing, China, 7/5 & 7/7.
- Staff attended a NorthCAT monthly call to discuss progress of developing physical training and showcase centers for alternative fuels and vehicle technologies, 7/10.
- Staff attend the UC Davis Institute of Transportation Studies’ 16th Biennial Asilomar Conference on Transportation and Energy, August 22-25, 2017 in Pacific Grove.
- Staff met with representatives from the Japanese Automotive Alliance and shared information on the District’s Grant Programs, 9/20.
- Staff moderated the Government Funding Panel and attended the CA Hydrogen Business Council’s Hydrogen & Fuel Cells in the Ports Workshop held in Vallejo on 10/3. Staff also participated in a pre-conference meeting with conference organizers and panelists on 9/28

<p style="text-align: center;">METEOROLOGY, MEASUREMENT & RULES DIVISION E. STEVENSON, DIRECTOR</p>

Air Quality

During the 3rd quarter of 2017, there were six exceedances of the national 8-hour 70 ppb ozone standard (August 26, August 28, August 31, September 1, September 2, and September 3). In addition, there were four exceedances of the national 24-hour PM_{2.5} standard (September 1 – 4). Ten Spare the Air Alerts were called (August 1, August 26, August 27, August 28, August 31, September 1, September 2, September 3, September 4, and September 27). All exceedances occurred when inland temperatures were 100°F or higher with light winds. Smoke from wildfires over northwestern California and southern Oregon may also have contributed to the ozone exceedances.

Air Monitoring

Thirty-three air monitoring sites were operational from July through September 2017. The Air Monitoring Section has been reaching out to other Air District Divisions to develop a thorough assessment of the current ambient monitoring network to ensure it adequately supports the Air District’s mission. This process is being performed in conjunction with the establishment of refinery monitoring and more localized community level air quality assessments.

The Air Monitoring Section collaborated on the development of a high precision instrument capable of detecting very low levels of benzene, toluene, ethylbenzene, and xylene. The instrument is being tested against one of the Air District’s gas chromatographs at the Livermore air monitoring station. Testing will be continuing in the fourth quarter.

A recruitment to fill four Air Quality Instrument Specialist positions were completed and offers were made to qualified candidates. One of these was Areana Flores who has been working in the Air District Planning Division for the past 2 years. The other three candidates are expected to begin during the 4th quarter of 2017.

Performance Evaluation

The Performance Evaluation (PE) Section conducted EPA-mandated performance audits at 27 Air District air monitoring stations, verifying 87 separate parameters during the 3rd Quarter of 2017. 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 near the Tesoro, Valero and Chevron Refineries. Audits were performed at 9 GLM locations, and 19 gas analyzers were tested. All of the GLM gas analyzers tested met Air District’s performance audit criteria.

Performance Evaluation staff identified deficiencies at one air monitoring station which was addressed.

The PE Section attended gas chromatography–mass spectrometry (GC-MS) training for 3 days at the Richmond Office. The section received training on the Hapsite® transportable GC-MS by Inficon, Inc. The Hapsite® will be used as a part of the Air District’s Incidence Response program.

Laboratory

During the second quarter, the laboratory continued to reduce backlogs of analyses caused by the relocation of the laboratory to 375 Beale.

In addition to routine, ongoing analyses, the laboratory performed 29 analyses in support of various Compliance and Enforcement efforts.

Laboratory	
Sample Analyzed	1449
Inter-Laboratory Analyses	2

Source Test

The Source Test Section provided support to the Rules Section on developing new rule language and definitions. The Source Test Section continued to provide ongoing support to Engineering and Compliance & Enforcement on emission data interpretation, permit development and recommendations for further evaluation and violations.

Six (6) Regulation 9, Rule 10 carbon monoxide (CO) source tests were conducted by the Air District's Continuous Emissions Monitoring (CEM) group: one (1) at Phillips 66, four (4) at Chevron, and one (1) at Tesoro.

Outside report review and CEMS programs were transitioned to current Source Test staff engineers due to recent retirements. Efforts to fill vacancies and workload gaps created by retirements proceeded. Source Test staff continued to work on reorganization and training tasks associated with staff retirements.

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 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.

STATISTICS

Administrative Services:

Accounting/Purchasing/Comm.

General Checks Issued	1,419
Purchase Orders Issued	356
Checks/Credit Cards Processed	4,170
Contracts Completed	133
RFP's	7

Executive Office:

Meetings Attended	143
Board Meetings Held	2
Committee Meetings Held	6
Advisory Council Meetings Held	0
Hearing Board Meetings Held	1
Variations Received	0

Information Systems

New Installation Completed	7
PC Upgrades Completed	0
Service Calls Completed	706

Human Resources

Manager/Employee Consultation (Hrs.)	350
Management Projects (Hrs.)	400
Employee/Benefit Transaction	600
Training Sessions Conducted	23
Applications Processed	377
Exams Conducted	7
New Hires	4
Promotions	5
Payroll Administration (Hrs.)	600
Safety Administration	150
Inquiries	3,000

Facility/Vehicle

Request for Facility Service	25/274
Vehicle Request(s)/Maintenance	9

Compliance Assistance and Operations Program

Asbestos Plans Received	1,683
Coating and other Petitions Evaluated	5
Open Burn Notifications Received	36
Prescribed Burn Plans Evaluate	1
Tank/Soil Removal Notifications Received	38
Compliance Assistance Inquiries Received	52
Green Business Reviews	0
Refinery Flare Notifications	7

Compliance Assurance Program

Industrial Inspections Conducted	2,542
Gas Station Inspections Conducted	335
Asbestos Inspections Conducted	489
Open Burning Inspections Conducted	7
PERP Inspections Conducted	82
Mobile Source Inspections	172
Grants Inspections Conducted	119

Engineering Division:

Annual Update Packages Completed	747
New Applications Received	285
Authorities to Construct Issued	204
Permits to Operate Issued	252
Exemptions	13
New Facilities Added	130
Registrations (new)	48

Communications and Public Information:

Responses to Media Inquiries	714
Events staffed with Air District Booth	18

Community Engagement:

Presentations Made	26
Visitors and Air District Tours	86

STATISTICS (CONTINUED)

Compliance and Enforcement Division:**Enforcement Program**

Violations Resulting in Notices of Violations	212
Violations Resulting in Notice to Comply	2
New Hearing Board Cases Reviewed	2
Reportable Compliance Activity Investigated	93
General Complaints Investigated	880
Woodsmoke Complaints Received	62
Mobile Source Violations	10

Laboratory

Sample Analyzed	1,449
Inter- Laboratory Analyses	2

Technical Library

Titles Indexed/Cataloged	0
Periodicals Received/Routed	0

Source Test

Cargo Tank Tests Performed	6
Total Source Tests	57
Pending Source Tests	3
Violation Notices Recommended	15
Contractor Source Tests reviewed	3,678
Outside Test Observed	30
Violation Notices Recommended After Review	13

Meteorology Measurements & Rules:**3rd Quarter 2017 Ambient Air Monitoring**

Days Exceeding Nat'l 24-hour PM _{2.5} Std.	4
Days Exceeding Nat'l 24-hour PM ₁₀ Std.	0
Days Exceeding State 24-hour PM ₁₀ Std.	0
Days Exceeding the Nat'l 8-hour Ozone Std.	6
Days Exceeding the State 1-hour Ozone Std.	6
Days Exceeding the State 8-hour Ozone Std.	6

Continuous Emissions Monitoring (CEM)

Indicated Excess Emission Report Eval.	36
Monthly CEM Reports Reviewed	140
Indicated Excesses from CEM	17
Field Accuracy Tests Performed	25

Ozone Totals, Year to Date 2017

Days Exceeding State 1-hour Ozone Std.	6
Days Exceeding Nat'l 8-hour Ozone Std.	6
Days Exceeding State 8-hour Ozone Std.	6

Particulate Totals, Year to Date 2017

Days Exceeding Nat'l 24-hour PM _{2.5} Std.	4
Days Exceeding the Nat'l 24-hour PM ₁₀ Std.	0
Days Exceeding State 24-hour PM ₁₀ Std.	0

Ground Level Monitoring (GLM)

July – Sept. Ground Level Monitoring SO ₂ Excess Reports	0
July – Sept. Ground Level Monitoring H ₂ S Excess Reports	10

PM_{2.5} Winter Season Totals for 2017-2018

Days Exceeding Nat'l 24-hour PM _{2.5} Std.	0
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3rd Quarter 2017 Agricultural Burn Days

July – Sept. Permissive Burn Days – North	54
July – Sept. No-Burn Days – North	68
July – Sept. Permissive Burn Days – South	53
July – Sept. No-Burn Days – South	69
July – Sept. Permissive Burn Days – Coastal	40
July – Sept. No Burn Days – Coastal	82

These facilities have received one or more Notices of Violations
Report period: July 1, 2017 – September 30, 2017

Alameda County				
Status				
Date	Site #	Site Name	City	Regulation Title
10/18/17	Z0933	Andary's Enterprise	Newark	Failure to Meet Permit Conditions
9/28/17	A3590	City of Berkeley/Engr Div/Public Works	Berkeley	Failure to Meet Permit Conditions
8/29/17	A0208	Schnitzer Steel Products Company	Oakland	Failure to Meet Permit Conditions
10/19/17	Z0919	Com	Fremont	Asbestos Operation Fee
10/19/17	Z0919	Com	Fremont	Administrative Requirements; Fees
9/14/17	Z1000	MFD	Albany	Asbestos Containing Waste Disposal
Contra Costa County				
Status				
Date	Site #	Site Name	City	Regulation Title
9/8/17	A4618	Keller Canyon Landfill Company	Pittsburg	Landfill Emission Control System Requirement
9/8/17	A4618	Keller Canyon Landfill Company	Pittsburg	Landfill Emission Control System Requirement
9/8/17	A4618	Keller Canyon Landfill Company	Pittsburg	
10/2/17	Y9893	SFD	Brentwood	Asbestos; Written Plan or Notification
10/17/17	Y9286	Joann McNeal	Martinez	Asbestos; Written Plan or Notification
10/17/17	A0011	Shell Martinez Refinery	Martinez	Non-Compliance; Major Facility Review
10/17/17	A0011	Shell Martinez Refinery	Martinez	Requirements for Fixed Roof Tanks
10/17/17	A0011	Shell Martinez Refinery	Martinez	General Monitoring Requirements
10/17/17	A0011	Shell Martinez Refinery	Martinez	Non-Compliance; Major Facility Review
8/30/17	A0011	Shell Martinez Refinery	Martinez	Approved Emission Control System; Gas Tight
10/17/17	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Non-Compliance; Major Facility Review
10/17/17	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Non-Compliance; Major Facility Review
10/17/17	B2078	SPPP	Richmond	Inspection Requirements for Pressure Relief Device
9/11/17	A1840	West Contra Costa County Landfill	Richmond	Non-Compliance; Major Facility Review
10/17/17	Z0158	SFD	Diablo	Asbestos; Wetting Method
10/17/17	Z0158	SFD	Diablo	Asbestos Containing Waste Disposal
10/23/17	Z0917	SFD	Alamo	Asbestos Operation Fee
10/23/17	Z0917	SFD	Alamo	Administrative Requirements; Fees
8/31/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
8/31/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
8/31/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/26/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
8/31/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/26/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/26/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/26/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/26/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/26/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/26/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/26/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
10/6/17	B6828	Contra Costa Topsoil, Inc	Martinez	Inorganic Gaseous Pollutants; Recordkeeping
10/18/17	B6828	Contra Costa Topsoil, Inc	Martinez	Emission Limits – Compression-Ignited Engines
9/5/17	A7034	Plains Products Terminals LLC	Martinez	Approved Emission Control System; Gas Tight
10/19/17	A7034	Plains Products Terminals LLC	Martinez	Approved Emission Control System; Gas Tight
10/11/17	Z0159	COM	Richmond	Asbestos; Schedule Changes and Updates
10/23/17	Z0925	Eden Housing	Concord	Asbestos; Schedule Changes and Updates
10/23/17	Z0927	MFD	Richmond	Asbestos; Written Plan or Notification
10/18/17	A6502	Omo's Fabricare Cleaners	Richmond	Asbestos; Written Plan or Notification
10/19/17	Y9878	Brentwood Workout LLC	Brentwood	Asbestos; Written Plan or Notification
10/17/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
10/17/17	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
10/17/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
9/12/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
10/17/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
10/17/17	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
10/19/17	A0011	Shell Martinez Refinery	Martinez	Emission Limitations for Sulfur Recovery Plants
9/13/17	A0011	Shell Martinez Refinery	Martinez	Emission Limitations for Sulfur Recovery Plants

These facilities have received one or more Notices of Violations
Report period: July 1, 2017 – September 30, 2017
(continued)

Napa County				
Status				
Date	Site #	Site Name	City	Regulation Title
8/22/17	Y9234	Raymond Vineyards	Saint Helena	Open Burning; Prohibition of Fires
San Francisco County				
Status				
Date	Site #	Site Name	City	Regulation Title
7/27/17	Y8780	Golden State Warriors LLC	San Francisco	
10/5/17	Y8993	Pasha Hawaii	San Francisco	Ringelmann No. 1 Limitation
7/5/17	Y8780	Golden State Warriors LLC	San Francisco	
10/17/17	Z0628	Russian Federation Consulate	San Francisco	Prohibition Against Burning Garbage
10/12/17	Z0458	SFD	San Francisco	Asbestos; Written Plan or Notification
10/2/17	Z0423	SFD	San Francisco	Asbestos; Schedule Changes and Updates
9/28/17	Z0457	COM	San Francisco	Asbestos; Schedule Changes and Updates
9/11/17	Y9691	MFD	San Francisco	Asbestos; Written Plan or Notification
9/26/17	Y9773	COM	San Francisco	Asbestos; Written Plan or Notification
10/18/17	Z0510	MFD	San Francisco	Asbestos; Containment Requirement
10/18/17	Z0510	MFD	San Francisco	Asbestos; On-Site Representative
San Mateo County				
Status	Site #	Site Name	City	Regulation
9/5/17	Y8779	Peninsula Hauling & Demolition	San Carlos	Asbestos; Surveys
10/19/17	Z0809	Tosco Marketing Unocal #0670	Burlingame	Phase I Vapor Recovery Equipment
10/19/17	Z0863	Burlingame Valero Corp	Burlingame	Phase I Vapor Recovery Equipment
10/19/17	Z0978	Shell Service (7-11 Branded)	South San Francisco	Failure to Meet Permit Conditions
Santa Clara County				
Status	Site #	Site Name	City	Regulation
8/14/17	A5079	S J Valley Plating Inc	Santa Clara	
7/19/17	Y9199	Arco #7084	Sunnyvale	Failure to Meet Permit Conditions
10/19/17	Z0901	Falco #257001	San Jose	Failure to Meet Permit Conditions
9/11/17	Y9668	The Harker School	San Jose	Asbestos Operation Fee
9/11/17	Y9668	The Harker School	San Jose	Administrative Requirements; Fees
9/18/17	Y8720	Gloria and Claude Robinson	Morgan Hill	Asbestos; Schedule Changes and Updates
10/17/17	Z0154	SFD	Los Gatos	Asbestos; Written Plan or Notification
10/3/17	Z0156	SFD	Mountain View	Asbestos; Written Plan or Notification
10/12/17	Z0359	SFD	Santa Clara	Asbestos; Wetting Method
Solano County				
Status	Site #	Site Name	City	Regulation
9/18/17	B2611	Valero Refining Company	Benicia	Gasoline Cargo Tank Requirements
8/30/17	B2626	Valero Refining Company - California	Benicia	Open-Ended Valve or Line

Closed Notice of Violations with Penalties by County July 1, 2017 – September 30, 2017

Alameda				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Ameresco Vasco Road LLC	E0432	Livermore	\$7,000	2
A-Para Transit	Y9573	San Leandro	\$1,500	1
Bay Area Rapid Transit	B8895	Dublin	\$250	1
Bayview Environmental	G2974	Oakland	\$500	1
Berkeley Auto Body Inc	A5469	Berkeley	\$500	1
Chevron Station #90972	Y7310	Berkeley	\$500	1
Conflo Services, Inc.	Y7400	Dublin	\$100	1
Deep & High Development	U0203	Castro Valley	\$1,500	4
DoubleTree by Hilton Newark	B3858	Newark	\$2,000	2
Enviro 1st	W4150	Livermore	\$500	2
Fast Gas & Mini Mart	Y7419	San Leandro	\$500	1
G & G Enterprises	A8423	Hayward	\$9,600	1
Max Gas	Y2644	Fremont	\$500	1
Mission 76	Z0054	Fremont	\$1,500	2
Moz Designs	B6988	Oakland	\$1,500	2
P.W. Stephens Environmental Inc.	V8868	Hayward	\$750	1
PARC Environmental, Livermore	X5693	Livermore	\$7,500	2
Quality Asbestos Control, Inc.	Y9194	Union City	\$500	1
R.B. Construction Inc	W5350	Fremont	\$3,250	2

Closed Notice of Violations with Penalties by County
July 1, 2017 – September 30, 2017
(continued)

Alameda				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Ryan Taylor	Y8497	Castro Valley	\$750	1
Sarabjit Singh	Y3489	Hayward	\$200	2
Schnitzer Steel Products Company	A0208	Oakland	\$22,500	1
Standard Petroleum #833	Y7346	Berkeley	\$1,500	2
Sterling Environmental Corporation	J9709	Oakland	\$500	1
Western Digital Corporation	A8391	Fremont	\$10,000	3
		Total # of Violations Closed:		39
Contra Costa				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Arco	Y6072	Concord	\$1,000	1
Chemtrade West US LLC	A0023	Richmond	\$135,000	3
Chevron Products Company	A0010	Richmond	\$181,000	41
Dow Chemical Company	A0031	Pittsburg	\$6,000	3
Fuel & Go	Y2365	Antioch	\$2,000	1
Imperial Cleaners	A6014	San Ramon	\$500	1
JMS Builders Inc	Y8451	Martinez	\$250	1
Mercedes Benz of Walnut Creek	Y7960	Walnut Creek	\$750	1
Plains Products Terminals LLC	A7034	Martinez	\$47,000	5
Sierra Pacific Properties	E1970	Concord	\$500	1
Solano Valero	V9349	Concord	\$1,500	1
		Total # of Violations Closed:		59

**Closed Notice of Violations with Penalties by County
July 1, 2017 – September 30, 2017
(continued)**

Marin				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
City of Mill Valley	Y8504	Mill Valley	\$500	1
County of Marin, Marin City Substation	B8705	Sausalito	\$500	1
Grand Gas	Y8145	Mill Valley	\$250	1
Indian Valley Golf Club	Y8356	Novato	\$3,500	2
Novato Fire Protection District	Y3501	Novato	\$3,000	1
Valentine Construction	S5287	San Rafael	\$1,500	1
		Total # of Violations Closed:		7
Napa				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Napa County Fire Department	Y6984	Napa	\$1,500	1
Napa State Hospital	A1634	Napa	\$7,500	6
Nissen Vineyard Services Inc.	Y8212	Saint Helena	\$750	1
Raymond Vineyards	Y9234	Saint Helena	\$500	1
Resident	Y6850	Saint Helena	\$750	1
		Total # of Violations Closed:		10

**Closed Notice of Violations with Penalties by County
July 1, 2017 – September 30, 2017
(continued)**

San Francisco				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Alianza Service Station	Y7832	San Francisco	\$1,000	1
CP DEVCO C/O Lennar Urban	X7765	San Francisco	\$8,000	1
Ideal Restoration	Y6314	San Francisco	\$1,500	1
Recology San Francisco	A4173	San Francisco	\$10,000	2
SFD	Y8450	San Francisco	\$750	1
Total # of Violations Closed:				6
San Mateo				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Ameresco Half Moon Bay LLC	B7040	Half Moon Bay	\$13,000	3
Menlo Country Club	Y7313	Redwood City	\$1,750	1
Peninsula Hauling & Demolition	Y8779	San Carlos	\$3,000	2
Sharon Heights Golf and Country Clu	X5624	Menlo Park	\$450	2
Total # of Violations Closed:				8

Closed Notice of Violations with Penalties by County
July 1, 2017 – September 30, 2017
(continued)

Santa Clara				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
All Construction	Y5739	Campbell	\$2,500	2
Alliance Environmental Group, Inc.	Q8668	San Jose	\$2,500	1
Branham 76	Y8513	San Jose	\$500	1
Campbell Shell	Y8472	Campbell	\$1,000	1
Chevron #7075 - Auto Pride Car Wash	Y9590	San Jose	\$3,000	1
Chevron 107732	Y2306	San Jose	\$1,500	1
Chevron REO Inc	Y5189	San Jose	\$500	1
City of Morgan Hill	Y8845	Morgan Hill	\$500	1
D.B. Godfrey & N.J. Godfrey	Y7648	Morgan Hill	\$750	1
Devcon Construction	Q5870	Milpitas	\$250	2
Kwik serv (BMZ Investment Inc)	Y2651	San Jose	\$250	1
Linear Technology Corp	B2417	Milpitas	\$7,500	1
Los Esteros Critical Energy Facility	B3289	San Jose	\$5,000	1
MASS Precision, Inc	A8578	San Jose	\$750	2
Performance Petroleum, Inc - 76	Y2662	Santa Clara	\$250	1
Petromart Retail Group	Y8254	San Jose	\$1,000	1
Quik Stop Market #40	Y8151	San Jose	\$750	1
SPG Center, LLC	E2518	Palo Alto	\$240	1
Tully Valero	Y8080	San Jose	\$500	1
			Total # of Violations Closed:	22

Closed Notice of Violations with Penalties by County
July 1, 2017 – September 30, 2017
(continued)

Solano				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Ardagh Metal Beverage USA Inc	A1665	Fairfield	\$3,000	2
Benicia Unified School Dist.	Y6982	Benicia	\$250	1
Clean Harbors Environmental Services	B9706	Benicia	\$5,000	1
Henner Tank Lines	W7609	Vacaville	\$2,000	1
Vizavoo Inc. dba Fairfield Gas	Y7216	Fairfield	\$1,500	2
Total # of Violations Closed:				7
Sonoma				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
2376 Thornsberry LLC	Y6977	Kenwood	\$500	1
A & M Mini Market	Y6911	Santa Rosa	\$1,500	1
Caneros Hills Winery of Jackson Family Wines	B9208	Sonoma	\$1,300	1
Costco Gasoline Loc. #659	Z0242	Rohnert Park	\$500	1
McEvoy Ranch	Y9052	Petaluma	\$1,500	1
New Metal Coachworks LLC	Y9608	Windsor	\$500	1
Old Adobe Union School District	Y9027	Petaluma	\$500	1
Peterson Drilling & Pump Co	Y8462	Santa Rosa	\$250	1
Republic Services of Sonoma County, Inc	A2254	Petaluma	\$16,800	6
Santa Rosa Golf & Country Club	Y6087	Santa Rosa	\$2,500	1

**Closed Notice of Violations with Penalties by County
July 1, 2017 – September 30, 2017
(continued)**

Sonoma				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Santa Rosa Junior College	Y8471	Santa Rosa	\$500	1
Town of Windsor	A1236	Windsor	\$1,000	1
W K McLellan Co.	Y8655	Petaluma	\$1,000	1
		Total # of Violations Closed:		18
District Wide				
Site Name	Site #	City	Penalty Amount	# of Violations Closed
Platinum Energy; Sue Sommers	Y4152	Agoura Hills	\$1,000	2
1-888-4-Abatement Inc.	Y9530	Rancho Cordova	\$750	1
PacWest Tank Lines	X9162	Sacramento	\$750	1
Williams Tank Lines/Mike Stewart	F4406	Stockton	\$1,000	1
E.T. Abatement Inc	W6051	Modesto	\$100	1
KAG West	Y8346	West Sacramento	\$8,000	2
KAG West, LLC	N1032	West Sacramento	\$12,000	3
		Total # of Violations Closed:		11

Bay Area Air Quality Management District

Board of Directors

LIST OF ACRONYMS

AA	Annual Average
AAMP	Ambient Air Monitoring Program
AB32	Assembly Bill 32 – Global Warming Solutions Act
Al	Aluminium
Al ₂ O ₃	Alumina (Aluminium Oxide)
AlF ₃	Aluminium Fluoride
AIRS	Aeromatic Information Retrieval System
AIRMoN	Atmospheric Integrated Research Monitoring Network
ALAPCO	Association of Local Air Pollution Control Officials
Aluminium Plant	Carbon Plant, Reduction Plant, Casthouse, Anode Service Area, and related utilities
Air District	Bay Area Air Quality Management District
AMTAC	ARB Air Monitoring Technical Advisory Committee
AMTIC	Air Monitoring Technology Information Center
ANPR	Advanced Notice of Proposed Rulemaking
APCD	Air Pollution Control District
APCO	Air Pollution Control Officer
API	American Petroleum Institute
APTI	Air Pollution Technology Institute
ARB	California Air Resources Board
ARM	Area Recognized Method
AQI	Air Quality Index
AQIS	Air Quality Instrument Specialist
AQS	EPA's Air Quality (data) System
AQRS	Air Quality Research Subcommittee
AQTA	Air Quality Technical Assistant
ARM	Approved Regional Method
ASA	Anode Service Area
ASP	Anode Service Plant
ASTCM	Astrodynamics Common
ASTM	American Society for Testing and Materials
AWMA	Air and Waste Management Association
BAAQMD	Bay Area Air Quality Management District
BAM	Beta Attenuation Monitor
BAM	Beta-Attenuation Metre
BAT(NEEC)	Best Available Techniques (Not Entailing Excessive Cost)
BC	Black carbon
BC	Background Concentration
BCP	Best Current Practice
BGI	BGI, Incorporated
BPT	Best Practicable Technology
BRC	Background Reference Concentration

bgl	Below ground level
BOD	Biochemical Oxygen Demand
BPEO	Best Practicable Environmental Option
BREF note	Best Available Techniques Reference Document
btc	Below top of casing
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
°C	Degrees Celsius
C	Carbon
C _a O	Lime (calcium oxide)
CAA	(Federal) Clean Air Act
CAC	Correlating Acceptable Continuous (monitor)
CAIR	Clean Air Interstate Rule
CAP	Clean Air Plan
CARB	California Air Resources Board
CARE	Community Air Risk Evaluation
CASAC	Clean Air Science Advisory Committee
CAS	Chemical Abstracts Service (a chemical reference number)
CASTNET	Clean Air Status and Trends Network
CBSA	Core Based Statistical Area
CCC	Criteria Continuous Concentration
CCP	Carbon Crushing Plant
Cd	Cadmium
CD	Chart Datum
CDM	Clean Development Mechanism
CEM	Continuous Emissions Monitoring
CENR	Committee for Environment and Natural Resources
CEQA	California Environmental Quality Act
CEU	Continuing Education Unit
CFR	U.S. Code of Federal Regulations
CH ₄	Methane
Cl	Chloride(s)
CI	Confidence Interval
CMAQ	Community Model Air Quality (system)
CMC	Criteria Maximum Concentration
CN	Cyanide
CO	Carbon monoxide
CO ₂	Carbon Dioxide
CoC	Chain of custody
COD	Chemical Oxygen Demand
COH	Coefficient of Haze
Cr(VI)	Chromium (hexavalent)
CREL	Chronic Reference Exposure Level
CRPAQS	Central Valley (California) Regional Particulate Air Quality Study
CRRP	Community Risk Reduction Program
CSN	Chemical Speciation Network
CSR	Corporate Social Responsibility
CV	Coefficient of variation
CWMP	Construction Waste Management Plan
CY	Calendar Year

Cu	Copper
DAS	Data Acquisition System
dB(A)	'A' weighted decibel noise level
dB _{L_{Aeq}}	'A' weighted energy-equivalent decibel noise level
DC	Direct Current
DEARS	Detroit Exposure and Aerosol Research Study
DHS	Department of Homeland Security
District	Bay Area Air Quality Management District
DIV	Dutch Intervention Values
DMC	Data Management Center
DMS	Data management system
DNPH	2, 4-dinitrophenyl hydrazine
DO	Dissolved Oxygen
DOE	Department of Energy
DOI	Department of Interior
DQA	Data Quality Assessment
DQI	Data Quality Indicators
DQO	Data Quality Objectives
DRI	Direct Reduction Iron
DTV	Dutch Target Values
DVM	Digital Voltmeter
EC	European Commission
EC/OC	Elemental carbon/organic carbon
EECS	Electrical Equipment Calibration Service (in Fremont, CA)
EI	Extrusion Ingots
EIA	Environmental Impact Assessment
EML	Environmental Measurements Laboratory
EMP	Environmental Management Plan
EPA	U.S. Environmental Protection Agency
EPC	Engineering, Procurement and Construction
EPS	Environmental Protection Standards
EQS	Environmental Quality Standard
ESAT	Environmental Services Assistance Team
ET	Enviro Technology
EU	European Union
F-	Fluoride(s)
FA	Foundry Alloy
FEM	Federal Equivalent Method
FLM	Federal Land Manager
FMP	Flare Minimization Plan
FRM	Federal Reference Method
FTP	Fume Treatment Plant
FY	Fiscal Year
g/s	Grams per second
GAO	General Accounting Office
GC	Gas Chromatograph
GC-MS	Gas Chromatography-Mass Spectrometry
GDP	Gross Domestic Product
GHG(s)	Greenhouse Gas(es)

GIS	Geographical Information System
GLM	Ground Level Monitoring
GMW	General Metal Works (PM ₁₀ sampler manufacturer)
GPS	Global Positioning System
GWP	Global Warming Potential
H ₂ S	Hydrogen sulfide
HAL 275	Norsk Hydro Reduction Technology
HAP	Hazardous Air Pollutants
HAZID	Hazard Identification
HC	Hydrocarbon
HCl	Hydrogen chloride
HEI	Health Effects Institute
HF	Hydrogen fluoride
HPLC	High Performance Liquid Chromatograph
HSE	Health, Safety and Environment
HTM	Heating Transfer Medium
Hydro	Norsk Hydro ASA
IACET	International Association for Continuing Education and Training
IADN	Interagency Deposition Network
IC	Ion Chromatography
ICR	Information Collection Request
IEA	Initial Environmental Authorization
IFC	International Finance Corporation
ILSC	Indicative Levels of Serious Contamination
IMPROVE	Interagency Monitoring of Protected Visual Environments
IPP	Independent Power Producer
ISQG	Interim Sediment Quality Standard
ISR	Indirect Source Rule
ITEP	Institute of Tribal Environmental Professionals
ITT	Information Transfer Technology
JV	Joint Venture
K	Kelvin
K	Thousand
km	kilometer
kV	Kilovolt
kt/yr	Thousands of tons per year
kPa	Thousand Pascal
l	Litre
LC-50	Lethal Concentration of a chemical which kills 50% of a sample population
L _{eq}	Unweighted energy-equivalent noise level
LCS	Laboratory Control Sample
LDAR	Leak Detection and Repair
LLD	Lower Limit of Detection
LNB	Low NO _x Burner
LOD	Limit of Detection
LOQ	Limit of Quantitation
lpm	Liters per minute
l/s	Litres per second

L _{WA}	‘A’ weighted sound power level
M	Million
m	Metre
m/s	Metres per second
m ³ /s	Cubic metres per second
MAC	Maximum Allowable Concentration
MANE-VU	Mid-Atlantic/Northeast Visibility Union
MDL	Method Detection Limit
MDN	Mercury Deposition Network
MEI	Ministry of Energy and Industry
MET/PE	Meteorology and Performance Evaluation
mg/kg	Milligrams per kilogram
mg/l	Milligrams per litre
mg/m ³	Milligrams per cubic metre
mg/Nm ³	Milligrams per normal cubic metre (i.e. expressed at 273K and 101.3 kPa); in the case of gas turbines, gas volumes in units on “Nm ³ ” are also expressed as dry gas, at 15% O ₂ .
MHWTC	Mesaieed Hazardous Waste Treatment Centre
MIC	Mesaieed Industrial City
ml	Millilitre
MMAA	Ministry of Municipal Affairs and Agriculture
MMWDS	Mesaieed Municipal Waste Disposal Site
MPA	Maximum Permissible Addition
MPC	Maximum Permissible Concentration
MQA	Meteorology and Quality Assurance
MS	Matrix spikes
MSm ³	Million standard cubic metres
MW	Megawatts
MWe	Megawatts electrical (electrical output)
MWth	Megawatts thermal (thermal input)
N	Nitrogen
NAAQS	National Ambient Air Quality Standard
Na	Sodium
NAAMS	National Ambient Air Monitoring System
NAATS	National Ambient Air Toxics Sites
NACAA	National Association of Clean Air Agencies
NADP	National Atmospheric Deposition Program
NAMS	National Air Monitoring Station
Na ₃ AlF ₆	Cryolite
NaCl	Sodium chloride (salt)
NAPAP	National Acid Precipitation Assessment Program
NARSTO	North American Research Strategy for Tropospheric Ozone
NAS	National Academy of Science
NASA	National Aeronautics and Space Agency
NATTS	National Ambient Toxic Tends Stations
NAU	Northern Arizona University
NCore	The National Core Monitoring Network
NDIR	non-dispersive infrared
NDUV	Non-dispersive ultraviolet

NEC	No Effect Concentration
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NGO	Non-Governmental Organizations
Ni	Nickel
NILU	Norwegian Institute for Air Research
NISO	North Isomax
NIST	National Institute for Standards and Technology
Nm ³	Normal cubic metre (i.e. expressed at 237K and 101.3 kPa); in the case of gas turbines, gas volumes in units of “Nm ³ ” are also expressed as dry gas, at 15% O ₂ .
Nm ³ /s	Normal cubic metre per second (i.e. expressed at 237K and 101.3 kPa); in the case of gas turbines, gas volumes in units of “Nm ³ ” are also expressed as dry gas, at 15% O ₂ .
NMHC	Non-Methane Hydrocarbons
NMSC	National Monitoring Strategy (or Steering) Committee
NMVOOC	Non-Methane Volatile Organic Compounds
N ₂ O	Nitrous Oxide
NO _y	Odd Nitrogen
NIOSH	National Institute for Occupational Safety and Health
NIST	National Institute of Standards and Technology
NO	Nitrogen monoxide/Nitric oxide
NO ₂	Nitrogen dioxide
NO _x	Oxides of nitrogen
NOAA	National Oceanic and Atmospheric Administration
NMHC	Non-methane hydrocarbon
NMOC	Non-methane organic carbon
NO _x /NO _y	Nitrogen Oxides
NPAP	EPA National Performance Audit Program
NPEP	National Performance Evaluation Program
NPS	National Parks Service
NTN	National Trends Network
NTU	Nephelometric Turbidity Units
NVLAP	National Voluntary Laboratory Accreditation Program
O ₂	Oxygen
O ₃	Ozone
OAP	Office of Atmospheric Programs
OAQPS	Office of Air Quality Planning and Standards
OAR	Office of Air and Radiation
OC	Organic Carbon
OC/EC	Organic carbon/elemental carbon
ODAMN	Operations Data Action Monitoring Notification
OEHHA	Office of Environmental Health Hazard Assessment
OEI	Office of Environmental Information
ORD	Office of Research and Development
ORIA	Office of Radiation and Indoor Air
P	Phosphorous
P	Power
PAHs	Polycyclic Aromatic Hydrocarbons
PAMS	Photochemical Assessment Monitoring Stations

Pb	Lead
PBMS	Performance-Based Measurement System
PBT	Persistent Bioaccumulative Toxics
PCBs	Polychlorinated Byphenyls
PCC	Petrochemical Complex
PE	Performance Evaluation
PEP	Performance Evaluation Program
PEL	Probable Effect Level
PFC	Polyfluorocarbons
PM	Particulate matter
PM ₁₀	Particulate matter with mean aerodynamic diameter of 10 microns
PM _{2.5}	Particulate matter with mean aerodynamic diameter of 2.5 microns
PM _{10-2.5}	PM ₁₀ minus PM _{2.5}
PO	Purchase Order
POCP	Photochemical Ozone Creation Potential
POP	Persistent Organic pollutants
ppb	Parts per billion
PPAH	Pollution Prevention and Abatement Handbook
ppb (v)(w)	Parts per billion (volume) (weight)
ppm (v) (w)	Parts per million (volume) (weight)
ppt (v) (w)	Parts per thousand (volume) (weight)
PQAO	Primary Quality Assurance Organization
PSD	Prevention of significant deterioration
QA	Quality Assessment
QAFAC	Qatar Additives Company
QAFCO	Qatar Fertiliser Company
QASCO	Qatar Steel Company Ltd
Qatalum	The Hydro/QP Aluminium and Power Plant Project
QAPP	Quality Assurance Project/Program Plan
QC	Quality Control
QEW	Qatar Electricity and Water Company
QMP	Quality Management Plan
QNHD	Qatar National Height Datum (QNHD is ~1.3 m above Chart Datum)
QP	Qatar Petroleum
RADM	Regional Acid Deposition Model
RCA	Reportable Compliance Activity
RCEP	Royal Commission on Environmental Pollution
REL	Reference Exposure Level
REM	Regional Equivalent Monitor
RO	EPA Regional Office
ROG	Reactive Organic Gases
ROM	Regional Oxidant Model
ROPME	Regional Organisation for Protection of the Marine Environment
RPO	Regional Planning Organization
RTD	Resistance Temperature Detector
RTP	Research Triangle Park (North Carolina)
RTI	Research Triangle Institute, a research/consulting company
RTO	Regenerative Thermal Oxidiser
S	Sulphur

S&T	Science and Technology
SAB	Science Advisory Board
SAMWG	Standing Air Monitoring Work Group
SAP	Socio-Economic Action Plan
SASP	Surface Air Sampling Program
SARC	Scientific and Applied Research Centre
SB 375	Sustainable Communities and Climate Protection Act of 2008
SCAQMD	South Coast Air Quality Management District
SCENR/SCE	Supreme Council for the Environment & Natural Reserves
SIP	State Implementation Plan
SISO	South Isomax
SLAMS	State or Local Air Monitoring Station
SLTs	State, Local, and Tribal air monitoring agencies
SO ₂	Sulfur dioxide
SOP	Standard operating procedure
SPL	Spent Potlining
SPM	Special Purpose Monitor
SRP	Standard Reference Photometer
SS	Supersite
SSEIA	Scoping Study for Environmental Impact Assessment Report
STAG	State and Tribal Air Grant
STAPPA	State and Territorial Air Pollution Program Administrators
STN	Speciation Trends Network
Strategy	The National Air Monitoring Strategy
SVOC	Semi-Volatile Organic Compound
SWS	Seawater Scrubber
t/d	Tonnes per day
t/h	Tonnes per hour
t/yr	Tonnes per year
TAMS	Tribal Air Monitoring Support (Center)
TAD	Technical Assistance Document
TAR	Tribal Authority Rule
TBD	To Be Determined
TECO	Thermo Electron Corporation, now Thermo Fisher Scientific
TEOM	Tapered Element Oscillation Monitor
THC	Total hydrocarbons
TIP	Tribal Implementation Plan
TNMHC	Total non-methane hydrocarbons
TNMOC	Total non-methane Organic Compound
TOC	Total Organic Carbon
TOM	Total Organic Matter
Tpd	Tons per day
TPH	Total Petroleum Hydrocarbons
TPY	Tons Per Year
TSA	Technical systems audits
TSD	Technical Services Division
TSP	Total suspended particulates
TSS	Total Suspended Solids
T-REX	Traffic Related Exposure Study

TWA	Time Weighted Average
UAM	Urban Airshed Model
UFP	Ultrafine Particulate Matter
UN	United Nations
UNEP	UN Environmental Program
USB	Universal Serial Bus
US EPA	United States Environmental Protection Agency
UV	Ultraviolet
VDC	Vertical Direct Chill (Casting Machines)
VOC	Volatile Organic Compounds
WB	World Bank
WBT	Wet Bulb Temperature
WB PPAH	WB Pollution Prevention and Abatement Handbook
WHO	World Health Organization
WMP	Waste Management Plan
XML	Extensible Markup Language
ΔT	Temperature differential
$\mu\text{g/l}$	Microgrammes per litre
$\mu\text{g/m}^3$	Micrograms (one millionth of a gram) per cubic metre
μm	Micrometers
$\mu\text{M/l}$	Micromoles per litre

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 1, 2017

Re: Consider Authorization to Execute Contract Amendments for My Air Online
Development Services in Amounts in Excess of \$100,000

RECOMMENDATION

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

Vendor	Amount	Service Description
C&G Technology Services	\$129,808	Software product management and quality assurance services.
Clearsparc, Inc.	\$492,000	Software architecture, design, development, build and release management services.
IT Dependz	\$310,853	Software product management and quality assurance services.
TOTAL	\$932,661	

BACKGROUND

Air District staff is recommending semi-annual contract amendments for vendors assisting with the development of the permitting and compliance systems of the My Air Online Program in order to meet the 2018 fiscal year end goals.

DISCUSSION

My Air Online Program

The My Air Online Program is composed of the design, implementation and maintenance of online permitting and compliance systems and the public website. In first half of the 2018 fiscal year, the My Air Online Program has completed the following:

- Deployment of new online wood smoke complaints, mobile investigation field forms and violation processing forms and workflow
- Deployment of new asbestos removal job requests, evaluation and inspection forms and workflow

These contract amendments will support completion of the development and deployment of the following functionality:

- Enforcement Action Processing (Violations & Notices to Comply) & Mutual Settlement
- Field Inspection Enhancements
- Air Quality Complaint Dispatching & Investigations
- Integration with the new JD Edwards Financial System
- Integration with the new centralized records management system

To continue progress on the Permitting & Compliance System portion of the My Air Online program, staff is recommending the continued use of proven vendors familiar with Air District systems. The Air District has used these firms to assist with the design, development and testing of the permitting and compliance software systems, and they have performed well.

Vendor	Type of Services	Initial Contract	Procurement Method
C&G Technology Services	Software development and testing services for permitting and compliance systems software.	FYE 2013	Selected the firm and resources through an informal bid process.
Clearsparc, Inc	Software architecture, design, development, build and release management services for permitting and compliance systems software.	FYE 2015	Request for Qualifications (RFQ). One of three firms to respond. Had staff expertise and availability to perform the required scope of work.
IT Dependz	Business analysis, software development, automated testing and quality assurance services for permitting and compliance systems software.	FYE 2010	Selected the firm and resources through an informal bid process.

***Note:** Contracts for the My Air Online program are currently reviewed in six-month increments, and request board authorizations for extensions as needed. These requests typically are accompanied with a status update to the Executive Committee and/or full Board. We anticipate a request for additional authorizations and corresponding status update in approximately six months.*

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for the vendor contract recommendations is included in the FYE 2018 budget and will be funded from the My Air Online (#125) program.

Respectfully Submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jaime A. Williams
Reviewed by: Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 7, 2017

Re: Set Public Hearing for December 6, 2017, to Consider Adoption of Proposed Technical and Administrative Amendments to the Air District's New Source Review and Title V Permitting Regulations (Regulation 2, Rules 1, 2, 4, and 6) and California Environmental Quality Act (CEQA) Negative Declaration

RECOMMENDED ACTION

Set a Public Hearing for December 6, 2017, to consider adoption of proposed technical and administrative amendments to the Air District's New Source Review and Title V permitting regulations (Regulation 2, Rules 1, 2, 4 and 6).

BACKGROUND

The Air District's New Source Review and Title V permitting programs apply to a broad range of facilities throughout the Bay Area. The New Source Review program is a pre-construction permitting requirement that requires permit applicants to demonstrate that new sources of air emissions, and modifications to existing sources that will increase emissions, will meet all applicable air pollution control requirements, including using state-of-the-art pollution control equipment. The Title V program is an operating permit requirement applicable to major emissions sources that consolidates all of the various regulatory requirements applicable to a facility into a single, comprehensive permitting document in order to improve transparency, enforceability, and facility compliance. These programs are set forth in four Rules in Regulation 2 (Permits) – Rule 1 (General Requirements), Rule 2 (New Source Review), Rule 4 (Emissions Banking), and Rule 6 (Major Facility Review).

EPA recently approved the Air District's most recent updates to its New Source Review regulations, but with certain limited exceptions. The Air District now needs to make technical and administrative revisions to address these deficiencies identified by EPA in order to allow EPA to fully approve the regulations as consistent with the Clean Air Act. If the Air District does not do so, the Bay Area could face sanctions under the Act for failure to have a fully-approved program.

In addition, Air District Staff have gained further experience in working with the most recent updates since they were adopted, and have identified certain areas where additional revisions and clarifications are needed to ensure that the regulations function as effectively as possible. Finally, in 2014 the U.S. Supreme Court issued a ruling in *Utility Air Regulatory Group v. EPA* (134 S.Ct. 2427 (2014)) that interpreted several relevant provisions of the federal Clean Air Act regarding the Act's New Source Review and Title V program requirements. The Air District needs to make certain revisions to align the District's regulations with the Supreme Court's ruling.

Pursuant to the California Environmental Quality Act (CEQA, Public Resources Code §§ 21000 *et seq.*), an initial study for the proposed amendments has been conducted, concluding that the proposed amendments will not have any significant adverse environmental impacts. Based on this initial study and other documentation in the administrative record, the Board will also be considering adoption of a Negative Declaration for the proposed amendments pursuant to CEQA Guidelines sections 15071 and 15074.

RULE DEVELOPMENT PROCESS

During development of the proposed amendments, Air District staff posted a draft version of the amendments on the District's website on May 11, 2017, and presented the proposed revisions at a series of three Public Workshops on June 12 and 13, 2017, in San Francisco, Martinez, and Fremont. The Air District accepted comments on the draft rule that led to some revisions in the language of the proposed amendments.

BUDGET CONSIDERATION/FINANCIAL IMPACT

In accordance with the Air District's Cost Recovery Policy, the District assesses fees for New Source Review and Title V permits. The proposed technical and administrative amendments are relatively minor in nature and will not add any substantial workload to the Air District's current permitting activities. The Air District does not anticipate a need to make any adjustments to its permit fee schedule at this time.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Alexander Crockett
Reviewed by: Greg Nudd

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 2, 2017

Re: Report of the Nominating Committee Meeting of November 15, 2017

RECOMMENDED ACTION

The Nominating Committee (Committee) may recommend Board of Directors' (Board) approval of Board Officers for:

- Chairperson;
- Vice Chairperson; and
- Secretary.

BACKGROUND

The Committee will meet on Wednesday, November 15, 2017 and consider the slate of Board Officers for the 2018 Term of Office.

Chairperson Liz Kniss will give an oral report of the meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Maricela Martinez

Attachment: 11A: 11/15/17 – Nominating Committee Meeting Agenda #3

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Liz Kniss and Members
of the Nominating Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: October 19, 2017

Re: Consideration and Nomination of Board Officers for the Term of Office
Commencing 2018

RECOMMENDED ACTION

Consider recommending Board of Directors' approval of Board Officers for:

- Chairperson;
- Vice Chairperson; and
- Secretary

DISCUSSION

Air District Counsel, Brian Bunger has provided a memorandum addressed to Chairperson Liz Kniss that is attached for discussion. The memorandum includes pertinent provisions from the Air District's Administrative Code and the Board of Directors' Operating Policies and Procedures. The memorandum also discusses the role of the Nominating Committee.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Maricela Martinez

Attachment 1: Criteria for Recommendation of Officers of the Board of Directors
Attachment 2: Administrative Code – Selected Provisions Section 2 Board of Directors,
Officers - Duties

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

OFFICE OF DISTRICT COUNSEL

MEMORANDUM

DATE: October 19, 2017

TO: Liz Kniss, Chairperson
and Members of the Nominating Committee of the Board of Directors

FROM: Brian C. Bunger
District Counsel

SUBJECT: Criteria for Recommendation of Officers of the Board of Directors

The function of the Nominating Committee is “to recommend to the Board the officers for each calendar year.” Bay Area Air Quality Management District Administrative Code (“Admin. Code”), Division I, Section 6.8. In order to assist with this function, this Memorandum discusses the criteria to be applied by the Nominating Committee in making its recommendations for officers to the Board.

The Administrative Code contains certain criteria that the Nominating Committee must follow in making its recommendation for officers of the Board.

First, “the Committee shall not be bound by a recommendation of a previous Nominating Committee.” Admin. Code, Div. I, § 6.8.

Second, “[t]he Committee need not follow a strict rule of rotation between supervisor and city members but may take into account their proportionate membership on the Board of Directors.” Admin Code, Div. I, § 6.8.

Third, Section 6.8 further requires that “the Committee shall take into account the provisions of Section I-2.7.” Admin. Code, Div. I, § 6.8.

Section 2.7 of Division I of the Administrative Code sets forth a policy of the Board to rotate the positions of the Chairperson, Vice Chairperson and Board Secretary among the members of the Board “in a manner to assure participation in the affairs of the District from a wide representation of the membership.” Admin. Code, Div. I § 2.7. In this regard, Section 2.7 provides that “[I]n making its recommendations, the Nominating Committee shall take into account such factors as representation by those members appointed by Boards of Supervisors, those members appointed by City selection committees, those members from large counties, and those from small counties.” Admin. Code, Div. I § 2.7.

AGENDA 3 – ATTACHMENT 1

Thus, the Board has expressed a policy of rotating officer positions in order to ensure broad participation by all Board members in the affairs of the District. However, the Nominating Committee is not required to follow a strict rule of rotation between supervisor and city members. Nor is the Committee to be bound by the actions of any prior Nominating Committee. Finally, the Nominating Committee must take into account such factors as representation of supervisor and city members on the Board and the representation of members from large and small counties.

For your convenience, attached are copies of the pertinent sections of the District's Administrative Code.

ADMINISTRATIVE CODE – SELECTED PROVISIONS

SECTION 2 BOARD OF DIRECTORS, OFFICERS - DUTIES

2.1 OFFICERS OF THE BOARD. (Revised 1/21/04)

The presiding officer of the Board is the Chairperson of the Board of Directors. The Chairperson, Vice Chairperson and Secretary shall, no later than the first meeting in December of each year, be elected by the Board of Directors and assume office January 1, (effective January 1, 2005). The Chairperson shall preserve order and decorum at regular and special meetings of the Board. The Chairperson shall state each question, shall announce the decision, shall decide all questions of order subject to an appeal to the Board. The Chairperson shall vote on all questions, last in order of the roll, and shall sign all ordinances and resolutions adopted by the District Board while the Chairperson presides. (see Section II-4.3)

In the event that the Chairperson is unable, for whatever reason, to fulfill his or her one-year term of office, the Vice-Chairperson shall succeed the Chairperson and the Secretary shall succeed the Vice-Chairperson. Section 2.3 below shall determine the filling of the Secretary vacancy. In any event, no Board Officer shall serve more than three (3) years in any one Board office (Chairperson, Vice-Chairperson, or Secretary).

2.2 CHAIRPERSON. (Revised 1/14/09)

The Chairperson shall take the chair at the hour appointed for the meeting and call the District Board to order. In the absence of the Chairperson, the Vice-Chairperson shall call the Board to order and serve as temporary Chairperson. Upon arrival of the Chairperson, the Vice-Chairperson shall relinquish the chair upon the conclusion of the business then pending before the Board. In the absence, or self-determined inability to act, of the Chairperson, or the Vice-Chairperson when the Chairperson is absent, the Board Secretary shall call the Board to order and serve as temporary Chairperson. Upon arrival of the Chairperson or Vice-Chairperson, the Secretary shall relinquish the Chair upon the conclusion of the business then pending before the Board. In the absence, or self-determined inability to act, of the Chairperson, Vice Chairperson or Secretary, members of the Board of Directors shall, by an order on the Minutes, select one of their members to act as temporary Chairperson. Upon the arrival or resumption of ability to act, the Chairperson or Vice-Chairperson shall resume the Chair, upon the conclusion of the business then pending before the Board. It shall be the duty of the Chairperson to attend all meetings of the Bay Area Air Quality Management District Advisory Council.

2.3 VICE CHAIRPERSON.

If, for any reason, the Chairperson ceases to be a member of the Board, the Vice-Chairperson shall automatically assume the office of Chairperson and the Board Secretary shall automatically assume the office of Vice-Chairperson. If, for any reason, the Vice-Chairperson ceases to be a member of the Board, the Board Secretary shall automatically assume the office of Vice-Chairperson. In either eventuality, the Board Nominating Committee shall, upon the request of the Chairperson, make a recommendation at the Board meeting following such request to fill the office of Board Secretary. An election will then immediately be held for that purpose.

2.4 BOARD SECRETARY.

The Board Secretary shall be official custodian of the Seal of the District and of the official records of the District and shall perform such secretarial duties as may require execution by the Board of Directors. The Board Secretary may delegate any of these duties to the APCO, or to the Clerk of the Boards.

2.5 MEETING ROLL CALL.

Before proceeding with the business of the Board, the Clerk of the Boards shall call the roll of the members, and the names of those present shall be entered in the Minutes. The names of members who arrive after the initial roll call shall be noted in the Minutes at that stage of the Minutes.

2.6 QUORUM.

A majority of the members of the Board constitutes a quorum for the transaction of business, and may act for the Board.

2.7 OFFICER ROTATION.

It is intended that the positions of Chairperson, Vice Chairperson, and Board Secretary be rotated among the members in a manner to assure participation in the affairs of the District from a wide representation of the membership. In making its recommendations, the Nominating Committee shall take into account such factors as representation by those members appointed by Boards of Supervisors, those members appointed by City selection committees, those members from large counties, and those from small counties.

SECTION 6 BOARD OF DIRECTORS, COMMITTEES

6.8 NOMINATING COMMITTEE. (Revised 10/4/95)

The Nominating Committee will consist of the Chairperson of the Board, the past Chairperson of the Board and three (3) appointees of the Chairperson of the Board, or in the event the past Chairperson of the Board is no longer serving on the Board, four (4) appointees of the Chairperson of the Board. The Nominating Committee shall be appointed no later than the second Board Meeting in November of each year and shall serve until the appointment of a new Committee. It is the function of the Nominating Committee to recommend to the Board the officers for each calendar year. In making its recommendation, the Committee shall not be bound by a recommendation of a previous Nominating Committee. The Committee need not follow a strict rule of rotation between supervisor and city members but may take into account their proportionate membership on the Board of Directors. Additionally, the Committee shall take into account the provisions of Section I-2.7.