



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS REGULAR MEETING

September 5, 2018

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

Questions About an Agenda Item

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

Meeting Procedures

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

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

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

Public Comment Procedures

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

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

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

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

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

BOARD OF DIRECTORS REGULAR MEETING AGENDA

WEDNESDAY
SEPTEMBER 5, 2018
9:30 A.M.

BOARD ROOM
1ST FLOOR

CALL TO ORDER

Chairperson, David Hudson

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

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

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

CONSENT CALENDAR (ITEMS 3-13)

Staff/Phone (415) 749-

3. Minutes of the Board of Directors Regular Meeting of August 1, 2018

Clerk of the Boards/5073

The Board of Directors will consider approving the draft minutes of the Board of Directors Regular Meeting of August 1, 2018.

4. Board Communications Received from August 1, 2018 through September 4, 2018

J. Broadbent/5052

jbroadbent@baaqmd.gov

A copy of communications directed to the Board of Directors received by the Air District from August 1, 2018 through September 4, 2018, if any, will be at each Board Member's place.

5. Notices of Violations Issued and Settlements in Excess of \$10,000 during the month of July 2018

J. Broadbent/5052

jbroadbent@baaqmd.gov

In accordance with Resolution No. 2012-08, the Board of Directors will receive a list of all Notices of Violations issued, and all settlements for amounts in excess of \$10,000 during the month of July 2018.

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

J. Broadbent/5052

jbroadbent@baaqmd.gov

7. Quarterly Report of the Executive Office and Division Activities for the Months of April 2018 – June 2018

J. Broadbent/5052

jbroadbent@baaqmd.gov

A summary of Board of Directors, Hearing Board and Advisory Council meeting activities for the fourth quarter is provided for information only. Also included is a summary of the Executive Office and Division Activities for the months of April 2018 – June 2018.

8. Notice of Proposed Amendments to the Administrative Code, Division 1, Operating Policies and Procedures, Section 1, Board of Directors Meetings, Division I: New Section 1.6, Adoption of Resolutions

J. Broadbent/5052

jbroadbent@baaqmd.gov

The Board of Directors will consider proposed amendments to the Administrative Code, Division I: Operating Policies and Procedures, Section 1, Board of Directors Meetings, New Section 1.6 Adoption of Resolutions.

9. Authorization to Execute Contracts and Accept Funding to Conduct Aircraft-Based Wind Measurements in a Cooperative Project to Assess Methane Emissions from Sources within Bay Area Facilities

J. Broadbent/5052

jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to execute a contract with Sigma Space Corporation in an amount not to exceed \$184,870 for aircraft-based Light Detection and Ranging (LiDAR) wind measurements. The Board of Directors will also consider authorizing the Executive Officer/APCO to execute a budget transfer contract to receive \$92,417 from the California Air Resources Board as reimbursement to the Air District toward the Sigma Space Contract. At no charge to the Air District, NASA Headquarters will separately fund measurements to derive methane emissions from sources within Bay Area industrial facilities, using the LiDAR wind measurements.

10. Authorization to Execute Contract Amendments for Production System Office

J. Broadbent/5052

jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to execute contract amendments with Cylogy, Inc., Malinda Lai, C&G Technology Services, Inc., Clearsparc, Inc., ITDependz, Inc., and Trinity Technology Group, Inc.

11. Authorization to Enter into a Supplemental Environmental Project (SEP) Agreement and Accept \$2 million in New SEP Funds
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider approving the Air District enter into a Supplemental Environmental Project agreement (SEP) and accepting \$2 million in SEP funds for the purposes of implementing project “Implementation of Air Filtration System in Sensitive Receptor Facilities in Bay Area CARE Communities.”

12. Consider Establishing New Job Classifications
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider establishing a new job classification of Principal Air Quality Instrument Specialist and Senior Human Resources Analyst.

13. Consider Authorizing the Executive Officer/APCO to Issue a Purchase Order for \$1,238,000 for Technical and Business (T&B) Systems to Continue Operation and Maintenance of the BioWatch Monitoring Network through June 30, 2019 as Outlined in a Grant from the Department of Homeland Security.
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to issue a purchase order for Fiscal Year Ending 2019 for an amount not to exceed \$1,238,000 to Technical and Business (T&B) Systems.

PRESENTATION

14. **UPDATE ON EVALUATION OF BEST AVAILABLE RETROFIT CONTROL TECHNOLOGY (BARCT) FOR CAP-AND-TRADE INDUSTRIAL SOURCES, AND IDENTIFICATION OF POTENTIAL RULE DEVELOPMENT PROJECTS**
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will receive an update on the evaluation of Best Available Retrofit Control Technology (BARCT) for Cap-and-Trade industrial sources, and identification of potential rule development projects.

15. **THE LEGAL FRAMEWORK FOR THE AIR DISTRICT**
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will receive information on the legal framework in which the Air District operates and the legal authorities granted, and obligations imposed by that framework.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

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

BOARD MEMBERS' COMMENTS

17. *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

18. Report of the Executive Officer/APCO

19. Chairperson's Report

20. Time and Place of Next Meeting:

Wednesday, September 19, 2018, at 375 Beale Street, San Francisco, CA 94105 at 9:30 a.m.

21. Adjournment

The Board meeting shall be adjourned by the Board Chair.

CONTACT:

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

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

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

Accessibility and Non-Discrimination Policy

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

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

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

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

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

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 BEALE STREET, SAN FRANCISCO, CALIFORNIA 94105
FOR QUESTIONS PLEASE CALL (415) 749-4941**

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

SEPTEMBER 2018

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Ad Hoc Building Oversight Committee <i>(At the Call of the Chair)</i> - CANCELLED AND RESCHEDULED TO WEDNESDAY, SEPTEMBER 19, 2018 AT 9:00 A.M.	Wednesday	5	9:00 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	5	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of every other Month)</i>	Monday	17	9:30 a.m.	1 st Floor Board Room
Board of Directors Ad Hoc Building Oversight Committee <i>(At the Call of the Chair)</i>	Wednesday	19	9:00 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	19	9:30 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	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	26	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	27	9:30 a.m.	1st Floor, Yerba Buena Room #109

OCTOBER 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>	Wednesday	3	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	17	9:30 a.m.	1 st Floor Board Room
Board of Directors TIO Steering Committee <i>(At the Call of the Chair)</i>	Monday	22	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

NOVEMBER 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>	Wednesday	7	9:30 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	15	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of every other Month)</i>	Monday	19	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> - CANCELLED	Wednesday	21	9:30 a.m.	1 st Floor Board Room
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	22	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	28	9:30 a.m.	1st Floor, Yerba Buena Room #109
HL – 8/29/18 – 4:25 p.m.				G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Minutes of the Board of Directors Regular Meeting of August 1, 2018

RECOMMENDED ACTION

Approve the attached draft minutes of the Board of Directors Regular Meeting of August 1, 2018.

DISCUSSION

Attached for your review and approval are the draft minutes of the Board of Directors Regular Meeting of August 1, 2018.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

Attachment 3A: Draft Minutes of the Board of Directors Regular Meeting of August 1, 2018

AGENDA 3A – ATTACHMENT

Draft Minutes - Board of Directors Regular Meeting of August 1, 2018

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

Board of Directors Regular Meeting
Wednesday, August 1, 2018

DRAFT MINUTES

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

CALL TO ORDER

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

Roll Call:

Present: Chairperson David Hudson; Vice Chair Katie Rice; Secretary Rod Sinks; and Directors Teresa Barrett, John J. Bauters, David Canepa, Carole Groom, Scott Haggerty, Tyrone Jue, Doug Kim, Nate Miley, Karen Mitchoff, Mark Ross, Brad Wagenknecht, and Shirlee Zane.

Absent: Directors Margaret Abe-Koga, Cindy Chavez, Pauline Russo Cutter, John Gioia, Liz Kniss, Hillary Ronen, Pete Sanchez, and Jim Spering.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

No requests received.

CONSENT CALENDAR (ITEMS 3 – 6)

3. Minutes of the Regular Board of Directors Meeting of June 6, 2018
4. Board Communications Received from June 6, 2018 through July 31, 2018
5. Air District (District) Personnel on Out-of-State Business Travel
6. Notices of Violations Issued and Settlements in Excess of \$10,000 during the month of May and June 2018

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

Director Mitchoff made a motion, seconded by Director Wagenknecht, to **approve** the Consent Calendar Items 3 through 6 inclusive; and the motion **carried** by the following vote of the Board:

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

COMMITTEE REPORTS

7. Report of the Technology Implementation Office Steering Committee Meeting of June 21, 2018

Chair Hudson read the following Committee report:

The Committee met on Thursday, June 21, 2018, and approved the minutes of March 2, 2018.

The Committee reviewed and discussed the staff presentation, Clean Cars for All: New Incentives Program for Low-Income Consumers.

The Committee then reviewed and discussed the staff presentation Mission and Customer Discovery.

The Committee then reviewed and discussed the staff presentation Proposed Loan Relationship.

Finally, the Committee reviewed and discussed the staff presentation Update on Technology Assessment Results.

The next meeting of the Technology Implementation Office Steering Committee will be held on Monday, October 22, 2018, at 9:30 a.m., at the Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105. This concludes the Chair Report of the Technology Implementation Office Steering Committee.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

None; receive and file.

8. **Report of the Personnel Committee Meeting of July 12, 2018**

Personnel Committee Vice Chair, Director Doug Kim, read the following Committee report:

The Committee met on Thursday, July 12, 2018, and approved the minutes of May 7, 2018.

The Committee then reviewed and discussed the reappointment of Valerie J. Armento, the Principal Member Incumbent in the Attorney Category of the Air District's Hearing Board. Ms. Armento is currently the Chair of the Hearing Board and her current three-year term will expire on July 28, 2018. The Committee recommends the Board approve:

- 1. The reappointment of Valerie J. Armento as Attorney Category Principal Member of the Hearing Board.*

Finally, the Committee reviewed and discussed two candidates for the vacant Alternate seat on the Air District's Hearing Board in the Professional Engineering category. The Committee and staff discussed the recruitment process and then interviewed the single candidate that was in attendance. The Committee recommends the Board approve:

- 1. The appointment of Catherine Fortney as Professional Engineer Category Alternate Member of the Hearing Board.*

The next meeting of the Personnel Committee will be held at the call of the Chair. I move that the Board approve the Personnel Committee recommendations. This concludes the Chair Report of the Personnel Committee.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

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

AYES:	Barrett, Bauters, Canepa, Groom, Haggerty, Hudson, Jue, Kim, Mitchoff, Rice, Ross, Sinks, and Wagenknecht.
NOES:	None.
ABSTAIN:	None.

ABSENT: Abe-Koga, Chavez, Cutter, Gioia, Kniss, Miley, Ronen, Sanchez, Spering, and Zane.

9. **Report of the Advisory Council Meeting of July 19, 2018**

Advisory Council Ex Officio member, Board Secretary Rod Sinks, read the following Committee report:

The Council met on Thursday, July 19, 2018 and approved the minutes of October 30, 2017, and March 26, 2018.

The Council then received the staff presentation Introduction of New Members to the Air District's Advisory Council, during which, Drs. Linda Rudolph and Gina Solomon, were introduced as new Council members.

Next, the Council received the staff presentation Update on Assembly Bill (AB) 617.

The Council then received the staff presentation Health Impacts and Assessments of Diesel Particulate Matter (DPM) in the Bay Area.

Next, the Council received the staff presentation Update on the Air District's DPM Reduction Strategy. The Council authorized Chair Hayes to draft language for a statement to be presented to the Board of Directors, reflecting the Council's position on the reduction of diesel emissions.

Due to the shortage of time, the Council chose to table staff presentation Ongoing Discussion of DPM: How Low is "Low Enough"?

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

At this time, Advisory Council Chair Hayes presented an update on the Advisory Council's deliberations regarding DPM.

NOTED PRESENT: Director Zane was noted present at 9:39 a.m.

Public Comments:

No requests received.

Board Comments:

The Board and staff discussed how the Advisory Council's presentation has been, and may continue to be, an effective supplemental tool to the District's "Diesel-Free by '33" pledge.

Board Action:

None; receive and file.

10. Report of the Executive Committee Meeting of June 23, 2018

Chair Hudson read the following Committee report:

The Executive Committee met on Monday, July 23, 2018, and approved the minutes of April 16, 2018.

The Committee received the presentation Hearing Board Quarterly Report: April to June 2018.

The Committee then reviewed and discussed the staff presentation Recommended AB 617 Communities for Community Plans. The Committee recommends the Board:

- 1) Approve staff recommendations for Community Air Monitoring and Community Emission Reduction Plans under the State's Community Air Protection Plan, as amended.*

The Committee then reviewed and discussed the staff presentation Update of Governor's Global Climate Action Summit.

The Committee then reviewed and discussed the staff presentation Technology Implementation Office Update and Summary of Steering Committee Meeting. The Committee requested that staff make a brief presentation to the Board on the details of this program at the end of this report. The Committee recommends the Board:

- 1) Authorize the Executive Officer/Air Pollution Control Officer (APCO) to negotiate and execute an agreement with the California Infrastructure Economic Development Bank (IBank) not to exceed \$4,185,000 to fund a loan program for Bay Area industrial facilities.*

The Committee then reviewed and discussed the staff presentation Status Update on the Air District's Advisory Council.

The Committee then reviewed and discussed the staff presentation Amendments to Air District Administrative Code Addressing Resolutions. The Committee recommends the Board:

- 1) Approve language amending Section 1.6 of the Air District's Administrative Code to address introduction and amendment of resolutions, to be noticed in an upcoming Board of Directors meeting agenda and placed on the agenda for adoption at a subsequent meeting.*

Finally, the Committee reviewed and discussed the staff presentation Discussion of Procedures for Receiving Public Comment on Non-Agenda Topics. The Committee provided direction to staff on procedures to be used for Board of Directors and Board Committee agendas.

The next meeting of the Executive Committee will be at the call of the Chair.

At this time, Lisa Fasano, Communication Officer, announced that Steve Kerr, Head Coach of the Golden State Warriors, has confirmed his attendance as the keynote speaker at the Global Climate Action Summit affiliate event, hosted by the Air District on September 12, 2018.

Then, Ranyee Chiang, Technology Implementation Officer, and Teveia Barnes, IBank Executive Director, explained how the District is negotiating a Memorandum of Agreement to enhance two IBank

programs: the California Lending for Energy and Environmental Needs Center for direct public financing to Municipalities, Universities, Schools, and Hospitals; and the California Small Business Loan Guarantee Program for loan guarantees for small businesses. The staff presentation, *Stationary Incentive Program: Connecting Technologies and Customers*, included: key financing terms of proposed Revolving Loan Program; and Proposed Financing Process.

I move that the Board approve the Executive Committee's recommendations. This concludes the Chair report of the Executive Committee.

Public Comments:

Public comments were given by Janet Stormberg, 350 Bay Area.

Board Comments:

The Board and staff discussed the desire to not abbreviate acronyms in writing or verbally; the types of programs that would be eligible for District/IBank funding; and whether a District/IBank loan awardee would also be eligible to apply for other District incentives and grants.

Board Action:

Chair Hudson made a motion, seconded by Vice Chair Rice, to **approve** the recommendations of the Executive Committee; and the motion **carried** by the following vote of the Board:

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

11. Report of the Ad Hoc Refinery Oversight Committee Meeting of July 25, 2018

Chair Hudson read the following Committee report:

The Committee met on Wednesday, July 25, 2018, and approved the minutes of April 9, 2018.

The Committee reviewed and discussed the presentation Trends in Crude Oil Imports, Petroleum Refining, Crude Oil Transportation, and an Outlook for Future Petroleum Markets.

The Committee then reviewed and discussed the staff presentation Issues and Concerns Regarding Future Refinery Crude Slates.

Finally, the Committee reviewed and discussed the staff presentation The Legal Framework for the Air District.

The next meeting of the Ad Hoc Refinery Oversight Committee will be at the call of the Chair. This concludes the Chair Report of the Ad Hoc Refinery Oversight Committee.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

None; receive and file.

12. Report of the Mobile Source Committee Meeting of July 26, 2018

Mobile Source Committee Chair, Director Scott Haggerty, read the following Committee report:

The Committee met on Thursday, July 26, 2018, and approved the minutes of May 24, 2018.

The Committee reviewed and discussed the staff presentation, Projects and Contracts with Proposed Grant Awards Over \$100,000, and a Request for a Waiver for Fiscal Year Ending 2018 Transportation Fund for Clean Air Regional Fund Policies from the Town of Los Gatos. The Committee recommends the Board:

- 1. Approve Carl Moyer Program and Transportation Fund for Clean Air projects with proposed grant awards over \$100,000 as shown in Attachment 1;*
- 2. Approve a policy waiver to allow the Town of Los Gatos to be eligible for funding from the Fiscal Year Ending 2018 Transportation Fund for Clean Air Regional Fund for a bikeway improvement project that will upgrade an existing Class II bicycle lane to a separated Class Four bikeway; and*
- 3. 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 Approval of Contract for Clean Cars for All Program Case Managers. The Committee recommends the Board:

- 1. Authorize the Executive Officer/Air Pollution Control Officer to execute a contract with GRID Alternatives at a cost not to exceed \$250,000 for services performed in Fiscal Year Ending 2018 and Fiscal Year Ending 2019.*

Finally, the Committee reviewed and discussed the staff presentation New Grant Program Revenues and Request to Increase Staffing in the Strategic Incentives Division. The Committee recommends the Board:

- 1. Authorize the Bay Area Air Quality Management District to accept, obligate, and expend up to \$130 million in funding from the Volkswagen (VW) Environmental Mitigation Trust and \$1,160,311 in funding from the United States Environmental Protection Agency; and amend the Fiscal Year Ending 2019 budget to account for this new funding;*

2. *Authorize the Executive Officer/Air Pollution Control Officer to enter into all agreements necessary to accept, obligate, and expend this funding; and*
3. *Authorize the creation of eight additional full-time equivalent positions in the Strategic Incentives and Compliance and Enforcement Divisions and Finance Section.*
The Committee also recommended that staff return to the Personnel Committee to discuss its overall staffing strategy considering this increase.

At this time, Jack Broadbent, Executive Officer/Air Pollution Control Officer gave the staff presentation *New Grant Program Revenues and Request to Increase Staffing in the Strategic Incentives Division*, including: staffing evaluation process.

The next meeting of the Mobile Source Committee will be held on Thursday, September 27, 2018, at 9:30 a.m., at the Bay Area Air Quality Management District office, 375 Beale Street, San Francisco, CA 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:

The Board and staff discussed how the funding from the VW Trust will be targeted and delivered to the three air districts that will be co-managing those funds over the next ten years; the forecast of additional staffing needs in the Strategic Incentives Division; the forecast of expenditures of the funds from the VW Trust, and the suggestion for an audit to prolong the longevity of those funds; the difference between the \$2 billion dollar Dieselgate VW settlement promoting electric vehicles in the US (Electrify America) and the VW trust funds being allocated to the air districts through the California Air Resources Board (CARB); and the percentage of administrative funding versus project funding from the VW Trust.

Board Action:

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

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

13. Report of the Stationary Source Committee Meeting of July 30, 2018

Chair Hudson read the following Committee report:

The Committee met on Monday, July 30, 2018, and approved the minutes of May 21, 2018.

The Committee reviewed and discussed the presentation Air Pollution Complaint Process Overview.

The Committee then reviewed and discussed the staff presentation Amending Regulation 7: Odorous Substances.

Finally, the Committee reviewed and discussed the staff presentation Improving Neighborhood Air Quality.

The next meeting of the Stationary Source Committee will be held on Monday, September 17, 2018, at 9:30 a.m., at the Bay Area Air Quality Management District office, 375 Beale Street, San Francisco, CA 94105. This concludes the Chair Report of the Stationary Source Committee.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

None; receive and file.

14. Report of the Ad Hoc Building Oversight Committee Meeting of August 1, 2018

Ad Hoc Building Oversight Committee Chair, Director Mark Ross, read the following Committee report:

The Ad Hoc Building Oversight Committee met on Wednesday, August 1, 2018, and approved the minutes of June 6, 2018.

The Committee met in Closed Session to receive an update on the Richmond Property, but there is no reportable action.

The next meeting of the Ad Hoc Building Oversight Committee will be held on Wednesday, September 5, 2018, at 9 a.m., at the Bay Area Air Quality Management District office, 375 Beale Street, San Francisco, CA 94105. This concludes the Chair report of the Ad Hoc Building Oversight Committee.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

None; receive and file.

PUBLIC HEARINGS

15. Recommended Assembly Bill 617 Communities for Community Plans

Mr. Broadbent introduced Elizabeth Yura, Community Health Protection Officer, who gave the staff presentation *Improving Neighborhood Air Quality*, including: AB 617 overview; spring workshops; community recommendations; West Oakland; Richmond; other large source communities; woodsmoke communities; landfill/organics communities; what's next; and recommended action.

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

Chair Hudson opened the Public Hearing to Consider Staff Recommendations for Community Air Monitoring and Community Emission Reduction Plans Under the State's Community Air Protection Program.

Public Comments:

Public comments were given by Janet Stromberg, 350 Bay Area; Rodeo resident, Janet Pygeorge; and Bob Brown, Western States Petroleum Association.

Board Comments:

The Board and staff discussed the Board's appreciation of staff for procuring funds for the first year of the AB 617 program, and acknowledged that annual petitions will have to be made to the State for ongoing funding for AB 617 implementation and maintenance; the District's methodology for selecting communities for Years 2-5 of the AB 617 and how input from CARB and the environmental justice community also contributes to community selection; projected benefits in the next five years of the AB 617 program for both selected and non-selected communities; the Board's appreciation of the District's focus on public health and procurement of a Health Officer, and the request for a report on the tasks completed by the Health Officer; the request that the District publicly emphasizes the correlation between pollution and health impacts in disadvantaged communities and collects data from each Bay Area county Public Health Department and hospitals; how "low life expectancy" is defined, how elderly communities can affect life expectancy rates, and the request that a more detailed life expectancy map be provided to the Board in the future; the observation that some residential wood burning may result not from necessity, but preference, despite District regulations; the request that community capacity building needs come back to the Board for discussion; the request that the District studies the correlations between PM and cognitive diseases in women; and the need to include Board members in community-led events related to AB 617.

Chair Hudson closed the Public Hearing.

Board Action:

Director Groom made a motion, seconded by Director Canepa, to **approve** staff recommendations for community air monitoring and community emission reduction plans under the state's Community Air Protection Program; and the motion **carried** by the following vote of the Board:

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

16. **Public Hearing to Consider Adoption of Proposed Regulation 6, Particulate Matter (PM) - Common Definitions and Test Methods; Proposed Amendments to Regulation 6, PM Rule 1: General Requirements; Proposed Regulation 6, PM, Rule 6: Prohibition of Trackout; and Approval of a California Environmental Quality Act (CEQA), Negative Declaration**

Mr. Broadbent introduced Guy Gimlen, Principal Air Quality Engineer, who gave the staff presentation *Particulate Matter Rules – Public Hearing*, including: outline; PM basics; PM health impacts; PM health burden in the Bay Area; PM control measures in 2010 Clean Air Plan; air quality trends; high PM_{2.5} locations; sources of PM₁₀ and PM_{2.5}; targeted sources; control methods; structure for PM rules; Rule 6-1: General Requirements; bulk material handling; examples of bulk material dust and controls; prohibition of trackout; examples of road dust and trackout controls; rulemaking process; CEQA analysis; socioeconomics analysis; response to comments; and recommendation.

Chair Hudson opened the Public Hearing to Consider Adoption of Proposed Regulation 6, PM - Common Definitions and Test Methods; Proposed Amendments to Regulation 6, PM, Rule 1: General Requirements; Proposed Regulation 6, PM, Rule 6: Prohibition of Trackout; and Approval of a CEQA, Negative Declaration

Public Comments:

Public comments were given by Jed Holtzman, Richard Gray, and Janet Stromberg, 350 Bay Area.

Board Comments:

The Board and staff discussed the efficiency of monitoring trackout prevention; concerns from landfill facilities that solid waste operations would be severely impacted by the proposed changes to Regulation 6; the concern that the District-recommended incremental water use for certain control measures that are designed to prevent facilities from exceeding draft opacity limits is excessive and may affect residential water usage, and whether local water agencies have been/will be contacted by the District; whether agricultural operations are exempt from District Regulation 6; the request that the District further monitors and refines trackout prevention practices; whether additional staffing needs are anticipated regarding proposed amendments to District Regulation 6; staff's suggestion to report back to the Stationary Source Committee on water usage concerns that were raised; and the request that staff reports back to the Board after communicating with local water agencies about potential increases in water usage to reduce construction dust.

Chair Hudson closed the Public Hearing.

Board Action:

Director Wagenknecht made a motion, seconded by Director Haggerty, to **adopt** Proposed Regulation 6, PM - Common Definitions and Test Methods; Proposed Amendments to Regulation 6, PM, Rule 1: General Requirements; Proposed Regulation 6, PM, Rule 6: Prohibition of Trackout; and Approval of a CEQA, Negative Declaration; and the motion **carried** by the following vote of the Board:

AYES: Barrett, Bauters, Canepa, Groom, Haggerty, Hudson, Jue, Kim, Miley, Mitchoff, Rice, Ross, Sinks, Wagenknecht, and Zane.

NOES: None.

ABSTAIN: None.

ABSENT: Abe-Koga, Chavez, Cutter, Gioia, Kniss, Ronen, Sanchez and Sperring.

PUBLIC COMMENT ON NON-AGENDA MATTERS (OUT OF ORDER, ITEM 18)

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

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

CLOSED SESSION (12:12 pm)

18. CONFERENCE WITH REAL PROPERTY NEGOTIATOR – (*Government Code Section 54956.8*) (ITEM 17)

Reportable Action: Chair Hudson announced that no reportable action was taken during Closed Session.

OPEN SESSION (12:24 pm)

BOARD MEMBER COMMENTS

19. The following comments were made by Board members:

- Director Groom thanked staff for arranging a tour of the Chevron refinery in Richmond on July 31, 2018.
- Secretary Sinks commended staff for their presentations given to the Ad Hoc Refinery Oversight Committee on July 25, 2018 and encouraged the rest of the Board members to view the webcast.
- Director Mitchoff announced that the Contra Costa County Board of Supervisors is going to consider the District’s “Diesel Free by 33” pledge for adoption on August 7, 2018.
- Director Kim expressed his disappointment that his 2017 request for a wildfire plan has not yet been drafted for the Board. He requested that one be created and presented to the Board as soon as possible.

OTHER BUSINESS

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

Mr. Broadbent announced the following:

- There will be a Board meeting on September 5, 2018, at which, health and climate impacts from diesel particulate matter will be discussed in preparation for the Global Climate Action Summit on September 12-14.
- The District's Global Climate Action Summit affiliate event, "United Against GHGs - Diesel Free by '33," will be held on September 12, 2018 at the Bay Area Metro Center. This is an invitation-only event.
- Wildfire season is to be addressed at the first Board meeting in October. A slide showing a smoke winds forecast was displayed. Director Zane requested daily air quality reports for Sonoma County, especially in Santa Rosa. Vice Chair Rice asked for best practices and recommended behavior changes during fire season that County Public Health Officers can distribute.

21. Chairperson's Report

Chair Hudson announced the following:

- The following meetings have been cancelled:
 - o August 15 Board of Directors
 - o August 22 Budget and Finance Committee
 - o August 23 Mobile Source Committee
- Several Board members will be attending a tour of the Athabasca tar sands from August 12-14 in Fort McMurray, Alberta, Canada.
- Chair Hudson gave his and Director Ross' report out on the 111th Annual Air and Waste Management Conference, which took place in Hartford, Connecticut from June 25-28.

22. Time and Place of Next Meeting

Wednesday, September 5, 2018, at 375 Beale Street, San Francisco, CA 94105 at 9:30 am.

23. Adjournment

The meeting adjourned at 12:34 a.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Board Communications Received from August 1, 2018 through September 4, 2018

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Copies of communications directed to the Board of Directors received by the Air District from August 1, 2018, through September 4, 2018, if any, will be at each Board Member's place at the September 5, 2018, Board meeting.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Justine Buenaflor

Reviewed by: Vanessa Johnson

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Notices of Violations Issued and Settlements in Excess of \$10,000 during the month
of July 2018

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 Violation 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 5A: Notices of Violations for the Month of July 2018

AGENDA 5A – ATTACHMENT

NOTICES OF VIOLATIONS ISSUED

The following Notice(s) of Violations were issued in July 2018:

Alameda						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
383 40th LLC	Z2363	Oakland	A58409A	7/12/18	11-2-303	Demolition with RACM in place and No on-site representative
383 40th LLC	Z2363	Oakland	A58409B	7/12/18	11-2-304	RACM waste not in leak-tight labeled containers, Improper Disposal, and No waste shipment records
383 40th LLC	Z2363	Oakland	A58410A	7/12/18	11-2-303	Failure to notify.
383 40th LLC	Z2363	Oakland	A58410B	7/12/18	11-2-304	Improper waste disposal
ABE Petroleum - Olympic Oil	Z4600	Hayward	A57276A	7/18/18	8-7-302.5	Torn hose (75% circumference)/excessive taggable def.
American Technologies	L3951	Hayward	A58478A	7/10/18	11-2-401.3	Improper notification.
ARCO Facility #00498	Z4615	Livermore	A57277A	7/19/18	8-7-305	ATC#A46830 deficiency past due date: loose product dust cap
Bonfilio Gonzales	Z4667	Hayward	A58411A	7/19/18	11-2-401	11-2-401.3 - Failure to notify
Childrens Hospital, Oakland	A1785	Oakland	A56068A	7/31/18	9-7-307.1	failed annual boiler compliance test; >30 ppm NOx 2 boilers
Clean Sciences Inc	B3417	Fremont	A58185A	7/11/18	8-16-303.4	Operating with freeboard ratio < 0.75
East Bay Municipal Utility District	A0591	Oakland	A58247A	7/12/18	8-7-302.5	Balance vapor hose torn >50% circumference.

Hung Construction	Z4530	San Leandro	A58061A	7/3/18	11-2-401.3	401.3 - Failure to notify, 303.8 - No survey
Hung Construction	Z4530	San Leandro	A58061B	7/3/18	11-2-303.8	No survey.
Oncore Manufacturing, LLC	B1851	Fremont	A58186A	7/31/18	2-1-301	No A/C or P/O for replacement of flux applicators and wipe cleaning operation
Oncore Manufacturing, LLC	B1851	Fremont	A58186B	7/31/18	2-1-302	No A/C or P/O for replacement of flux applicators and wipe cleaning operation
Portwood Shell #135696	Z4508	Oakland	A58308A	7/3/18	8-7-301.5	Defective vapor poppet on PRM (91) tank per EO VR-102
SFD	Z4532	Oakland	A58407A	7/10/18	11-2-401.3	Failure to notify.
SFD	Z4675	Livermore	A58413A	7/27/18	11-2-401	Failure to notify
Yuji Matsumoto	Z4597	Oakland	A58408A	7/11/18	11-2-401.3	Failure to notify.

Contra Costa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
ARCO Facility #6526	V5932	Bay Point	A58338A	7/5/18	2-1-307	Did not conduct 2017 source test.
Central Contra Costa Sanitary District	A0907	Martinez	A57322A	7/31/18	2-6-307	Exceeded opacity limit; > 20% opacity
Chevron Products Company	A0010	Richmond	A58133A	7/16/18	2-6-307	Failed to submit SD notification within 48 hrs Dev. 4678
Chevron Products Company	A0010	Richmond	A58134A	7/16/18	2-6-307	Failed to conduct source test within 60 days of source start up Dev. 4619

Chevron Products Company	A0010	Richmond	A58135A	7/16/18	2-6-307	Failed to minimize leak within 24 hrs; failed to submit notification within 10 days of discovery
Chevron Products Company	A0010	Richmond	A58135B	7/16/18	8-18-302	Failed to minimize leak within 24 hrs; failed to submit notification within 10 days of discovery
Delta Scrap & Salvage	J8988	Oakley	A58065A	7/30/18	11-2-401.5	Inaccurate start date.
Kaiser Foundation Hospital	A1821	Walnut Creek	A56250A	7/3/18	9-7-403	No record of emission test per 9-7-606
L.D Strobel	Z4641	Concord	A58481A	7/24/18	11-2-401.5	Inaccurate Start Date
Mt Diablo Unified School District	E3675	Concord	A58062A	7/11/18	11-2-401.5	Inaccurate start date.
Sandstone Construction Services	Z4587	Hilltop Mall	A58063A	7/17/18	11-2-304.1	No generator labels on bags
Shell Martinez Refinery	A0011	Martinez	A57596A	7/17/18	6-1-302	E07G38 Opacity > 20% > 3min/hr
Shell Martinez Refinery	A0011	Martinez	A57597A	7/31/18	12-11-503	Dev 5189 40CFR60.18 Lost flare pilots
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A58281A	7/18/18	2-6-307	Permit non-compliance
Tim Lawlor Construction	Z4495	Martinez	A58059A	7/2/18	11-2-401.3	Failure to notify. Notification fee not paid.
Tim Lawlor Construction	Z4495	Martinez	A58060A	7/2/18	11-2-401.3	Failure to notify.
William Lyon Homes, Inc	Z4497	San Ramon	A57011A	7/2/18	CCR	NOA site operated without ADMP.

Marin						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Dept. Of Parks & Recreation	Z4493	Mill Valley	A58365A	7/2/18	8-7-301.2	Above ground storage tank requires SLC paint.
Lexus of Marin Attn: P Terrel	X4860	San Rafael	A58246A	7/11/18	2-1-307	Failure to conduct static pressure test as required every 12 months. Last recorded 6/8/16
San Rafael Rock Quarry	Z4540	San Rafael	A58245A	7/11/18	2-1-307	Failed to conduct static pressure test in 2017.

Napa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments

San Francisco						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Ace Drilling & Excavation	R3799	San Francisco	A57567A	7/10/18	2-1-301	No state or BAAQMD permit to operate. Model Ingersoll-Rand P250 WJD.
Ace Drilling & Excavation	R3799	San Francisco	A57567B	7/10/18	2-1-302	No state or BAAQMD permit to operate. Model Ingersoll-Rand P250 WJD.
Arco	Z4562	San Francisco	A58309A	7/13/18	2-1-307	Failure to submit 4/20/18 source test results within 30 days.
Arco	Z4562	San Francisco	A58311A	7/17/18	8-7-315	Uncertified P/V valve per E.O VR-102
Arco Facility #00230- Teck S Ng	Z4613	San Francisco	A58312A	7/19/18	8-7-308	Fuel spraying from 91 filter in #5/8 cabinet
Auto City Food Mart	Z4565	San Francisco	A58310A	7/16/18	2-1-307	Failure to complete and submit passing annual source test within 12 mos and submit w/in 30 days

Auto City Food Mart	Z4565	San Francisco	A58315A	7/30/18	8-7-314	Missing hold open latch on FP #6 and #16.
Best Auto Care Inc	Z4644	San Francisco	A58314A	7/24/18	2-1-307	No records of source testing since 2013

San Mateo						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
City of Menlo Park	Z4563	Menlo Park	A58018A	7/12/18	CCR	GHG annual report late.

Santa Clara						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Alliance Environmental Group, Inc.	Q8668	San Jose	A58045A	7/3/18	11-2-303.6	No view port, breach in containment.
AMI Petroleum	Y2311	San Jose	A57757A	7/25/18	2-1-302	Expired P/O on 11/1/17; No renewal Payment Made
AMI Petroleum	Y2311	San Jose	A57758A	7/25/18	2-1-307	1)No annual ST since 2-9-16 2)(#) Frozen adapters-89 Fill / a1 Vapor & Fill 3)Punctured, torn hoses
AMI Petroleum	Y2311	San Jose	A57758B	7/25/18	8-7-301.5	1)No annual ST since 2-9-16 2)(#) Frozen adapters-89 Fill / a1 Vapor & Fill 3)Punctured, torn hoses
AMI Petroleum	Y2311	San Jose	A57758C	7/25/18	8-7-302.3	1)No annual ST since 2-9-16 2)(#) Frozen adapters-89 Fill / a1 Vapor & Fill 3)Punctured, torn hoses
ConocoPhillips	Z4561	San Jose	A57755A	7/13/18	2-1-307	No 2017 or 2018 source test submitted.
Lehigh Southwest Cement Company	A0017	Cupertino	A56541A	7/24/18	9-13-302	Visible emission exceeded standard of 10%

SJUSD Corporation Yard	G3729	San Jose	A57753A	7/11/18	2-1-307	No current annual or 3 year source test done.
Unocal #5995	Z4585	San Jose	A57756A	7/16/18	2-1-307	No 1-15-18 ST submitted

Solano						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Exxon	Z4410	Vallejo	A58368A	7/24/18	8-7-302.3	Failed district source test #18160. Veeder root vapor polisher test, VR 204 Exhibit 11
Fast & Easy Mart	V2630	Benicia	A58366A	7/3/18	8-7-301.5	91 grade tank: Frozen product fill adapter & frozen vapor adapter.
Lake Herman Chevron	U1562	Benicia	A58369A	7/30/18	8-7-301.2	91-grade tank product spill bucket doesn't have a drain valve installed.
Valero Refining Company - California	B2626	Benicia	A57345A	7/25/18	2-6-307	1)Failure to report within 96 hours. 2) NOx limit of 9ppm @ 15% O2 3-Hr avg exceeded
Valero Refining Company - California	B2626	Benicia	A57345B	7/25/18	1-522.7	1)Failure to report within 96 hours. 2) NOx limit of 9ppm @ 15% O2 3-Hr avg exceeded

District Wide						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
PARC Environmental - Fresno, CA	Y0262	Fresno	A58046A	7/12/18	11-2-401.3	Failure to notify, no negative air, no containment.
PARC Environmental - Fresno, CA	Y0262	Fresno	A58046B	7/12/18	11-2-303	Failure to notify, no negative air, no containment.
Unger Construction Co	X3194	Sacramento	A58064A	7/18/18	11-2-401.3	401.3 - Failure to Notify. 303.8 - No Survey.

Unger Construction Co	X3194	Sacramento	A58064B	7/18/18	11-2-303.8	401.3 - Failure to Notify. 303.8 - No Survey.
Pantano Demolition	W6489	Manteca	A58047A	7/12/18	11-2-401.3	Demo prior to 10 working day period.

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There was 1 settlement(s) for \$10,000 or more completed in July 2018.

- 1) On July 30, 2018, the District reached settlement with GSW Arena LLC for \$34,000, regarding the allegations contained in the following 15 Notices of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56588A	4/19/17	3/24/17	CCR	CCR Title 17 93105(e)(2)(A)2 Performing earth disturbing activities during mandatory shutdown
A56586A	4/14/17	3/26/17	CCR	CCR Title 17 93105(e)(2)(A)2 Performing earth disturbing activities w/out monitors
A56587A	4/19/17	4/9/17	CCR	CCR Title 17 93105(e)(2)(A)2 Performing earth disturbing activities w/out monitors.
A56591A	7/5/17	6/27/17	CCR	CCR Title 17 93105(e)(2)(A)2 Performing earth disturbing activities during mandatory shutdown
A56565A	7/27/17	7/26/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56566A	7/27/17	7/27/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56567A	7/28/17	7/28/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56568A	7/31/17	7/29/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56569A	7/31/17	7/30/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56571A	8/11/17	8/4/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56572A	8/11/17	8/5/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56573A	8/11/17	8/6/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56574A	8/11/17	8/7/17	CCR	Performing earth disturbing activities during mandatory shutdown

A56575A	8/11/17	8/8/17	CCR	Performing earth disturbing activities during mandatory shutdown
A56576A	8/11/17	8/9/17	CCR	Performing earth disturbing activities during mandatory shutdown



Mary D. Nichols, Chair
 Matthew Rodriguez, CalEPA Secretary
 Edmund G. Brown Jr., Governor

TO: Members of the Board of Directors
 FROM: Supervisor John Gioia
 Board Member
 DATE: August 23, 2018
 SUBJECT: **QUARTERLY REPORT OF MY ACTIVITIES AS AN AIR RESOURCES BOARD MEMBER**

The list below summarizes my activities as a California Air Resources Board member from April 1, 2018, through June 30, 2018:

April Activities

2nd Meeting with Tesla re: LCFS
 5th Meeting with Union of Concerned Scientists re: LCFS
 9th Meeting with Sonoma Clean Power re: LCFS
 12th Meeting with First Element Fuel and CalETC re: LCFS
 20th April Board Item Briefing with CARB Staff
 23rd Meeting with RPMG re: LCFS
 25th Meeting with NextGen Fuel and Tesla re: LCFS
 26th Tesla Truck Showing and Tour of CARB MLD Facility
 27th April Board Meeting

May Activities

9th Meeting with WD-40 re: Consumer Products Reg.
 16th CE-CERT Symposium Dinner
 17th CE-CERT/CARB 50th Anniv. Symposium
 18th Coalition for Clean Air Awards Luncheon
 21st Meeting with American Lung Assoc. re: VW Mitigation Trust
 23rd May Board Item Briefing with Staff
 24th MECA Technical Seminar and Reception
 25th May Board Meeting

June Activities

13th Meeting with Sonoma Clean Power re: LCFS
 18th June Board Item Briefing with Staff
 20th Meeting with Climate Plan re: CARB/CTC Joint Meeting and Meeting with Jobs to Move America re: ICT
 21st Meeting with CARB Staff re: CA Climate Investments
 27th CARB/CTC Joint Meeting
 28th June Board Meeting

Mary D. Nichols
August 23, 2018
Page 2

Attachments: Public Agendas

April Board Meeting Agenda

Friday, April 27, 2018 @ 9:00 a.m.

California Environmental Protection Agency

1001 I Street, Sacramento, California 95814

Byron Sher Auditorium, 2nd Floor

This meeting will also be **webcast**.

Submit written comments

Not all agenda items are available for electronic submittals of written comments.

Discussion Items

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

18-3-1: Public Meeting to Consider the Proposed Community Air Protection Funds Supplement to the Carl Moyer Memorial Air Quality Standards Attainment Program 2017 Guidelines

Spanish translation will be provided at the Board Meeting for this item, Item 18-3-1.

The Board will consider the Proposed Community Air Protection Funds Supplement to the Carl Moyer Memorial Air Quality Standards Attainment Program (Moyer Program) Guidelines. The Guidelines Supplement would build on the existing 2017 Moyer Program Guidelines, approved by the Board last April, with specific changes designed to advance clean vehicle and equipment projects for immediate emission reductions in disadvantaged and low-income communities. The Guidelines Supplement would align the Moyer Program with the goals of Assembly Bill (AB) 617 (C. Garcia, 2017). The Moyer Program, established in 1998, provides incentives for the turnover of old, high-polluting

diesel vehicles and equipment with cleaner-than-required replacements. The Moyer Program provides cost-effective surplus emission reductions that help the State meet federal air quality standards.

[More Information](#) [Staff Presentation](#)

18-3-2: Public Meeting to Consider Proposed Fiscal Years 2018-2021 Triennial Strategic Research Plan and the Proposed Research for Fiscal Year 2018-2019

The Board will consider Staff's proposed Fiscal Years 2018-2021 Triennial Strategic Research Plan and the Proposed Research for Fiscal Year 2018-2019. The Triennial Strategic Research Plan reflects a concerted effort to identify California Air Resources Board's highest priority research initiatives for the next three years. The Proposed Research for Fiscal Year 2018-2019 will support the initiatives outlined in the Triennial Strategic Research Plan. The research projects in these plans will advance the state of the science and support the California Air Resources Board's efforts to meet California's air quality and climate goals.

[More Information](#) [Staff Presentation](#)

18-3-3: Public Hearing to Consider Proposed Amendments to the Low Carbon Fuel Standard Regulation and to the Regulation on Commercialization of Alternative Diesel Fuels

The Board will consider proposed amendments designed to strengthen the Low Carbon Fuel Standard (LCFS) regulation through 2030 in line with the Senate Bill 32 greenhouse gas reduction goals. The proposed amendments would enhance LCFS credit for zero-emission vehicle fueling infrastructure per Governor Brown's Executive Order B-48-18, adopt a protocol to enable credit generation for carbon capture and sequestration projects, expand fuel types and vehicle applications to which the LCFS regulation applies (including adding alternative jet fuel), improve crediting for innovative actions at petroleum refineries, and establish an independent third-party verification and verifier accreditation system to ensure accuracy of LCFS reported data. The amendments also include a number of technical changes to improve, simplify, streamline, and clarify the regulation. As part of this rulemaking, the Board will comply with a California court order

by considering supplemental environmental analysis related to oxides of nitrogen (NOx) emissions from biodiesel, and a proposed amendment to the Alternative Diesel Fuels regulation based on that analysis. This is the first of two Board hearings on this item; the Board will not vote on the amendments at this meeting.

More Information Staff Presentation

18-3-5: Public Meeting to Consider Proposed Voluntary NOx Remediation Measure Funding

The Board will consider approving a voluntary measure to provide immediate funding to air districts to achieve further reductions in emissions of oxides of nitrogen (NOx). This initiative arises from CARB's response to a 2017 court order in the ongoing POET litigation challenge to the 2009 adoption of the Low Carbon Fuel Standard (LCFS). This measure aims to remediate conservatively estimated historical emissions potentially related to increased use of biodiesel in California that may be attributable to incentivization of biodiesel use by the LCFS regulation. The voluntary measure is consistent with CARB's mission to promote and protect public health and welfare through the effective and efficient reduction of air pollutants.

Staff Presentation

18-3-4: Public Meeting to Hear an Update on Implementation of Volkswagen's First Appendix C Zero Emission Vehicle Investment Plan

This item has been removed from the Agenda.

Closed Session

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

American Fuels and Petrochemical Manufacturers, et al. v. Jane O'Keeffe, et al., U.S. District Court (D. Ore. Portland), Case No. 3:15-CV-00467; Plaintiffs' appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 15-35834.

California et al. v. U.S. Department of Transportation et al., United States District Court, Northern District of California, Case No. 4:17-CV-05439.

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

Friends of Oceano Dunes, Inc. v. California Coastal Commission, et al., Superior Court of California, San Luis Obispo County, Case No. 17CV-0576.

In re La Paloma Generating Company, LLC, U.S. Bankruptcy Court, District of Delaware, Case No.16-bk-12700.

Mexichem Fluor Inc. v. United States Environmental Protection Agency et al., U.S. Court of Appeals, District of Columbia Circuit, Case Nos. 15-1328 and 15-1329.

POET, LLC, et al. v. California Air Resources Board, et al., Superior Court of California (Fresno County), Case No. 09CECG04659; plaintiffs' appeal, California Court of Appeal, Fifth District, Case No. F064045; California Supreme Court, Case No. S213394 [remanded to trial court]; plaintiff's appeal of trial court order discharging peremptory writ of mandate, Court of Appeal, Fifth District, Case No. F073340.

POET, LLC, et al. v. California Air Resources Board, et al., Superior Court of California (Fresno County), Case No. 15CECG03380.

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

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

Sowinski v. California Air Resources Board, et al., U.S. District Court, Central District of California, Case No. 8:15-CV-02123.

Sowinski v. California Air Resources Board, et al., Orange County Superior Court, Case No. 30-2018-00970852-CU-IP-CXC.

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

State of New York, et al. v. United States Environmental Protection Agency et al., U.S. Court of Appeals, District of Columbia Circuit, Case No. 17-1185.

States of New York, California, Vermont, and Maryland, and the Commonwealth of Pennsylvania v. National Highway Traffic Safety Administration, U.S. Court of Appeals, Second Circuit, Case Nos. 17-2780(L) and 17-2806.

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

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

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

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

Adam Brothers Farming, Inc. v. California Air Resources Board, et al., Santa Barbara County Superior Court, Case No. 15 CV04432.

Alliance for California Business v. California Air Resources Board, et al., Glenn County Superior Court, Case No. 13CV01232; plaintiffs' appeal, Court of Appeal, Third District, Case No. C082828.

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

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

Jack Cody dba Cody Transport v. California Air Resources Board, et al., Sacramento Superior Court, Case No. 34-2015-80002116; plaintiff's appeal, Court of Appeal, Third District, Case No. C083083.

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

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

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

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

California Air Resources Board v. Adam Brothers Farming Inc., Santa Barbara County Superior Court, Case No. 16CV01758.

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

In re: Volkswagen "Clean Diesel" MDL, United States District Court, Northern District of California, Case No. 15-MD-2672-CRB (JSC).

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

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

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

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

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

Other Information

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PUBLIC MEETING AGENDA

Friday, May 25, 2018

LOCATION:

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

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

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**Friday
May 25, 2018
9:00 a.m.**

DISCUSSION ITEMS:

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

Agenda Item

18-4-1: Public Meeting to Consider the PM2.5 State Implementation Plan for Imperial County

Spanish translation will be provided at the Board Meeting for this item, Item 18-4-1.

The Board will consider adopting the PM2.5 State Implementation Plan (Plan) for Imperial County for the annual 12 ug/m3 PM2.5 standard. If adopted, the California Air Resources Board will submit the Plan to the United States Environmental Protection Agency as a revision to the California State Implementation Plan.

[More Information](#)

[Staff Presentation](#)

18-4-2: Public Hearing to Consider Proposed Amendments to the Consumer Products Regulation and Method 310

The Board will consider staff's proposed amendments to the consumer products regulation to establish an alternate compliance option for multi-purpose lubricant (MPL) products. The amendments would achieve three objectives: First, to maintain the ozone air quality benefits of the 1.27 ton per day reductions in VOC emissions claimed in the State Implementation Plan (SIP) that the 10 percent VOC limit would achieve. Second, to provide compliance flexibility to manufacturers that would enable them to continue to offer effective products to consumers by achieving similar ozone air quality benefits to those that comply with the mass-based 10 percent by weight VOC limit. Third, to achieve these objectives without significantly impacting compliance costs or increasing the cost of MPL products on the market. The Board will also hear proposed amendments to CARB Test Method 310 that will improve the clarity of the test method, update publication dates of test methods previously incorporated by reference, and include additional reference methods for the purposes of implementing the alternate compliance option.

[More Information](#)

[Staff Presentation](#)

18-4-3: Public Hearing to Consider Proposed Amendments to the Heavy-Duty Vehicle Inspection Program and Periodic Smoke Inspection Program

The Board will consider proposed amendments to the Heavy-Duty Vehicle Inspection Program (HDVIP) and the Periodic Smoke Inspection Program (PSIP). The HDVIP allows CARB enforcement staff to inspect HD trucks and buses for compliance with opacity limits, labeling, and other requirements. The PSIP requires California HD diesel vehicle fleets to annually test their vehicles for compliance with the opacity limits. The proposed amendments lower the allowable opacity limit for HD vehicles operating in California for both the HDVIP and PSIP, establish reporting requirements for the PSIP and smoke tester training requirements, and allow 2013 model year and newer engines to report on-board diagnostic data in lieu of performing the annual PSIP smoke test.

[More Information](#)

[Staff Presentation](#)

18-4-4: Public Meeting to Consider California's Beneficiary Mitigation Plan for the Volkswagen Environmental Mitigation Trust

The Board will consider approval of California's Beneficiary Mitigation Plan for the Volkswagen (VW) Environmental Mitigation Trust. The Plan describes the proposed mitigation actions to be funded from California's \$423 million allocation of the \$3 billion national Trust. The Trust is an element of the VW settlement and is intended to fully mitigate the lifetime excess oxides of nitrogen (NOx) emissions caused by the subject VW diesel vehicles. Staff's proposal includes funding for heavy-duty vehicle and equipment replacements, freight and marine projects, and light-duty zero-emission vehicle infrastructure. In addition to fully mitigating the excess NOx, the proposed funding will support the State's air quality, climate change, zero-emission vehicle deployment, and petroleum reduction goals. Senate Bill 92, passed in June 2017, requires CARB to strive to ensure at least 35 percent of the State's allocation benefit disadvantaged or low-income communities. Staff expects at least 50 percent of the proposed project allocations will benefit disadvantaged or low-income communities.

[More Information](#)

[Staff Presentation](#)

CLOSED SESSION

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

American Fuels and Petrochemical Manufacturers, et al. v. Jane O'Keeffe, et al., U.S. District Court (D. Ore. Portland), Case No. 3:15-CV-00467; Plaintiffs' appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 15-35834.

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

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

In re La Paloma Generating Company, LLC, U.S. Bankruptcy Court, District of Delaware, Case No. 16-bk-12700.

Mexichem Fluor Inc. v. United States Environmental Protection Agency et al., U.S. Court of Appeals, District of Columbia Circuit, Case Nos. 15-1328 and 15-1329.

POET, LLC, et al. v. California Air Resources Board, et al., Superior Court of California (Fresno County), Case No. 09CECG04659; plaintiffs' appeal, California Court of Appeal, Fifth District, Case No. F064045; California Supreme Court, Case No. S213394 [remanded to trial court]; plaintiff's appeal of trial court order discharging peremptory writ of mandate, Court of Appeal, Fifth District, Case No. F073340.

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

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

Sowinski v. California Air Resources Board, et al., U.S. District Court, Central District of California, Case No. 8:15-CV-02123; Orange County Superior Court, Case No. 30-2018-00970852-CU-IP-CXC.

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

State of California, et al. v. United States Bureau of Land Management, et al., U.S. District Court, Northern District of California Circuit, Case No. 3:17-cv-07186-WHO.

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

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

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

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

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

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

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

Adam Brothers Farming, Inc. v. California Air Resources Board, et al., Santa Barbara County Superior Court, Case No. 15 CV04432.

Alliance for California Business v. California Air Resources Board, et al., Glenn County Superior Court, Case No. 13CV01232; plaintiffs' appeal, Court of Appeal, Third District, Case No. C082828.

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

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

Jack Cody dba Cody Transport v. California Air Resources Board, et al., Sacramento Superior Court, Case No. 34-2015-80002116; plaintiff's appeal, Court of Appeal, Third District, Case No. C083083.

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

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

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In re: Volkswagen "Clean Diesel" MDL, United States District Court, Northern District of California, Case No. 15-MD-2672-CRB (JSC).

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

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

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

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

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

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

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

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

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CARB Homepage: www.arb.ca.gov

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- Documents made available in an alternate format or another language;
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Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor llame a la oficina del Consejo al (916) 322-5594 o envíe un fax a (916) 322-3928 lo más pronto posible, pero no menos de 7 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.

SMOKING IS NOT PERMITTED AT MEETINGS OF THE CALIFORNIA AIR RESOURCES BOARD



ADVANCE COPY



California Transportation Commission

LOCATION:

California Environmental Protection Agency
California Air Resources Board
Coastal Hearing Room, 2nd Floor
1001 I Street
Sacramento, California 95814

This facility is accessible by public transit. For transit information, call (916) 321-BUSS, website: <http://www.sacrt.com>
(This facility is accessible to persons with disabilities.)

PUBLIC MEETING AGENDA for the Joint California Air Resources Board and California Transportation Commission Coordination Meeting

**TO SUBMIT WRITTEN COMMENTS IN ADVANCE OF
THE MEETING GO TO:**

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

**Wednesday
June 27, 2018
1:00 p.m.**

Assembly Bill 179 (Cervantes, Chapter 737, Statutes 2017) directs the California Air Resources Board (CARB) and California Transportation Commission (CTC) to meet at least twice a year to coordinate implementation of transportation programs and policies. The purpose of the first joint meeting is to kick-off this coordination by discussing shared interests and policies to achieving climate, air quality, and equity goals.

Background and Overview:

AB 179 Bill Overview, Purpose, and Desired Meeting Outcomes

CARB and CTC will hear an overview of AB 179, the purpose of the bill, and the main outcomes anticipated from joint meetings and continued collaboration.

[More Information](#)

[Presentation](#)

CARB and CTC Overview and Priorities

CARB and CTC will hear a presentation on the agencies' missions, program priorities, and areas identified for coordination and collaboration.

[More Information](#)

[Presentation](#)

Interface Between Air Quality, Climate Change, and Transportation

CARB and CTC will hear a staff presentation on the Scoping Plan and State transportation planning and programming.

[More Information](#)

[Presentation](#)

CARB and CTC Discussion:

CARB Board Members and CTC Commissioners will ask questions on the staff presentation, discuss topics of mutual interest in transportation programs and policies, and discuss key topics of focus for the next joint meeting.

Public Comment:

There will be a Comment Period to allow an opportunity for interested members of the public to directly address CARB, CTC, and CARB/CTC staff. Each person will be allowed a maximum of three minutes to ensure that everyone has a chance to speak.

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

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IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT THE CLERK OF THE BOARD:

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CARB Homepage: www.arb.ca.gov

CTC Homepage: www.catc.ca.gov

SPECIAL ACCOMMODATION REQUEST

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- Documents made available in an alternate format or another language;
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PUBLIC MEETING AGENDA

June 28, 2018

LOCATION:
California Environmental Protection Agency
California Air Resources Board
Coastal Hearing Room, 2nd Floor
1001 I Street
Sacramento, California 95814

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Thursday
June 28, 2018
9:00 a.m.

CONSENT CALENDAR:

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

Consent Item #

18-5-1: Public Meeting to Consider Submission of the 2013 Amendments to the Cargo Tank Vapor Recovery Regulation into the California State Implementation Plan

The Board will consider adopting a resolution directing staff to submit the 2013 Amendments to the Cargo Tank Vapor Recovery Regulations into the California State Implementation Plan (Cargo Tank SIP Submittal). If adopted, CARB will submit the Cargo Tank SIP Submittal to the United States Environmental Protection Agency as a revision to the California State Implementation Plan.

[More Information](#)

[Proposed Resolution](#)

DISCUSSION ITEMS:

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

Agenda Item #

18-5-2: Public Hearing to Consider Proposed Amendments to California Emission Control System Warranty Regulations and Maintenance Provisions for 2022 and Subsequent Model Year On-Road Heavy-Duty Diesel Vehicles with Gross Vehicle Weight Ratings Greater Than 14,000 Pounds and Heavy-Duty Diesel Engines in Such Vehicles

The Board will consider proposed amendments to the California warranty and maintenance provisions for on-road heavy-duty (HD) diesel vehicles, and the engines used in such vehicles. Currently, because the warranty mileage period is disproportionate to the actual service lives of many modern HD vehicles and engines, vehicle owners have no incentive to pay for repairs of emissions-related problems that do not adversely affect fuel economy or performance, which

results in additional emissions. Accordingly, staff is proposing to lengthen both the existing warranty periods and minimum maintenance intervals so as to reduce emissions by incentivizing vehicle owners to perform required maintenance and to seek more timely repairs, and to encourage manufacturers to design and produce more durable parts. Staff is also proposing to clarify that the warranty coverage extends to any part that causes the illumination of the HD on-board diagnostic system malfunction indicator light.

[More Information](#)

[Staff Presentation](#)

18-5-3: Public Meeting to Hear an Update on Implementation of Assembly Bill 617 (The Community Air Protection Program)

Spanish translation will be provided at the Board Meeting for this item, Item 18-5-3.

The Board will hear an update on efforts underway to implement the mandates of Assembly Bill 617. The California Air Resources Board's Community Air Protection Program will implement a new community focused planning framework to identify impacted communities, establish criteria for air monitoring and local emissions reduction programs, and develop strategies for reducing emissions. Staff will present for Board discussion and input key questions for program development.

[More Information](#)

[Staff Presentation](#)

18-5-4: Report from the Office of the Ombudsman 2017

The Board will hear a report on the 2017 enhancements to the California Air Resources Board's Ombudsman and Small Business program, including a plan for a more comprehensive engagement process for regulated small businesses.

[More Information](#)

[Staff Presentation](#)

18-5-5: Public Meeting to Hear the Enforcement Division 2017 Annual Report

The Board will hear the Enforcement Division 2017 Annual Report, which will include highlights of 2017 enforcement activities in key programs including enforcement at freight facilities, statewide diesel enforcement, field enforcement and citation processing, clean fuels regulations, aftermarket parts and vehicle enforcement, and refrigerant management. Staff will also describe the Division's implementation of Supplemental Environmental Projects and other enforcement initiatives in disadvantaged communities.

[More Information](#)

[Staff Presentation](#)

18-5-6: Public Meeting to Hear an Informational Update on the Benefits of High Efficiency Filtration to Indoor Air Quality

The Board will hear an informational update on the California Air Resources Board's funded studies that examined the use of high efficiency filtration in homes to determine the effectiveness of filtration on reducing indoor pollutant levels.

[More Information](#)

[Staff Presentation](#)

CLOSED SESSION

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

American Fuels and Petrochemical Manufacturers, et al. v. Jane O'Keeffe, et al., U.S. District Court (D. Ore. Portland), Case No. 3:15-CV-00467; Plaintiffs' appeal, U.S. Court of Appeals, Ninth Circuit, Case No. 15-35834.

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

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

In re La Paloma Generating Company, LLC, U.S. Bankruptcy Court, District of Delaware, Case No. 16-bk-12700.

Mexichem Fluor Inc. v. United States Environmental Protection Agency et al., U.S. Court of Appeals, District of Columbia Circuit, Case Nos. 15-1328 and 15-1329.

POET, LLC, et al. v. California Air Resources Board, et al., Superior Court of California (Fresno County), Case No. 09CECG04659; plaintiffs' appeal, California Court of Appeal, Fifth District, Case No. F064045; California Supreme Court, Case No. S213394 [remanded to trial court]; plaintiff's appeal of trial court order discharging peremptory writ of mandate, Court of Appeal, Fifth District, Case No. F073340.

POET, LLC, et al. v. California Air Resources Board, et al., Superior Court of California (Fresno County), Case No. 15CECG03380.

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

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

Sowinski v. California Air Resources Board, et al., U.S. District Court, Central District of California, Case No. 8:15-CV-02123; Orange County Superior Court, Case No. 30-2018-00970852-CU-IP-CXC.

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

State of California, et al. v. United States Bureau of Land Management, et al., U.S. District Court, Northern District of California Circuit, Case No. 3:17-cv-07186-WHO.

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

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

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

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

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

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

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

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

Adam Brothers Farming, Inc. v. California Air Resources Board, et al., Santa Barbara County Superior Court, Case No. 15 CV04432.

Alliance for California Business v. California Air Resources Board, et al., Glenn County Superior Court, Case No. 13CV01232; plaintiffs' appeal, Court of Appeal, Third District, Case No. C082828.

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

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

Jack Cody dba Cody Transport v. California Air Resources Board, et al., Sacramento Superior Court, Case No. 34-2015-80002116; plaintiff's appeal, Court of Appeal, Third District, Case No. C083083.

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

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

John R. Lawson Rock & Oil, Inc. et al. v. California Air Resources Board et al. (2)

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

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

States of New York, California, Vermont, and Maryland, and the Commonwealth of Pennsylvania v. National Highway Traffic Safety Administration, U.S. Court of Appeals, Second Circuit, Case Nos. 17-2780(L) and 17-2806.

State of New York, et al. v. United States Environmental Protection Agency et al., U.S. Court of Appeals, District of Columbia Circuit, Case No. 17-1185.

California Air Resources Board v. Adam Brothers Farming Inc., Santa Barbara County Superior Court, Case No. 16CV01758.

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

In re: Volkswagen "Clean Diesel" MDL, United States District Court, Northern District of California, Case No. 15-MD-2672-CRB (JSC).

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

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

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

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

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

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

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

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

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

PLEASE NOTE: No outside memory sticks or other external devices may be used at any time with the Board audio/visual system or any CARB computers. Therefore, PowerPoint presentations to be displayed at the Board meeting must be electronically submitted via email to the Clerk of the Board at cotb@arb.ca.gov no later than noon on the business day prior to the scheduled Board meeting.

IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT THE CLERK OF THE BOARD:

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

(916) 322-5594

CARB Homepage: www.arb.ca.gov

SPECIAL ACCOMMODATION REQUEST

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

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

To request these special accommodations or language needs, please contact the Clerk of the Board at (916) 322-5594 or by facsimile at (916) 322-3928 as soon as possible, but no later than 7 business days before the scheduled Board hearing. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

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

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

Para solicitar estas comodidades especiales o necesidades de otro idioma, por favor llame a la oficina del Consejo al (916) 322-5594 o envíe un fax a (916) 322-3928 lo más pronto posible, pero no menos de 7 días de trabajo antes del día programado para la audiencia del Consejo. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Dave Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Quarterly Report of the Executive Office and Division Activities for the Months of
April 2018 – June 2018

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

Human Resources Office

The Human Resources (HR) Office conducted 14 recruitment exams including exams for: Assistant Manager, Hearing Board Member, Manager (3), Office Assistant, Principal Air Quality Engineer (2), Principal Environmental Planner, Senior Air Quality Engineer, Senior Air Quality Instrument Specialist, Senior Atmospheric Modeler, Supervising Air Quality Engineer, and Supervising Air Quality Instrument Specialist. In addition, the HR Office offered 6 training sessions, including: Women in Leadership, Situational Leadership, Multipliers, Microsoft Office Efficiency Tips, Advanced Business Communications and Internship/Mentorship Feedback sessions. The HR Office continues to administer payroll, benefits, safety, labor/employee relations, and wellness activities. There are currently 348 regular employees, 18 temporary employees and interns, and 56 budgeted vacant positions. There were 21 new employees, 14 promotions, and 11 separations from April to June 2018.

Business Office

The Business Office issued 552 purchase orders, executed 122 contracts. There were two requests for proposals/qualifications during this period.

Fleet and Facilities Office

Fleet services disposed of 9 vehicles, acquired 6 vehicles, and sent 45 vehicles for maintenance and/or body shop repairs. There were 335 vehicle requests (149 from MTC staff and 186 from District staff), of which 288 were pool vehicles and 47 were Enterprise car rentals. There were 30 cancelled requests. There are currently 126 fleet vehicles: 3 electric, 2 hydrogen fuel cell, 37 plug-in hybrids, 22 gas, 13 CNG, and 49 hybrids. Facilities received 57 Workspeed requests, facilitated 5 furniture orders and completed 69 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
J. GOVE, DIRECTOR

Enforcement Program

Staff documented 262 air pollution violations that resulted in Notices of Violation (NOV) and responded to 1114 general air pollution complaints. These activities addressed noncompliance with applicable Federal, State and Air District regulations, and provided a mechanism for the public to voice their concerns about air pollution issues that might be in noncompliance status. Additionally, highlighted enforcement activities for the quarter are as follows:

On March 22, 2018, staff facilitated a meeting with representatives of the Port of San Francisco (Port), San Francisco Departments of Public Health and Public Works, and tenants (facilities) operating sites along Amador Way, San Francisco. The Amador Way roadway had been the subject of community complaints for visible dust and track out issues. The facilities and Port (property owner) agreed to coordinate efforts to resolve the problems identified, and the Port agreed to provide the Air District regular progress reports.

On April 19, 2018, staff participated in the quarterly South Bay Odor Stakeholder Group meeting and discussed Milpitas odor concerns with industry stakeholders, community representatives, the San Jose local enforcement agency, and representatives from various public offices. The group continued discussions on the implementation of a regional odor study.

On May 1, 2018, staff teleconferenced with a Performance Analyst with the Chicago Office of Inspector General. The Analyst was reaching out to peer jurisdictions to develop a better understanding of best practices in the field of air permitting and inspections.

On May 17, 2018 staff participated in a conference call with the California Air Resources Board (CARB) to update California Air Districts on the data collection activities CARB we will be undertaking for the upcoming chrome plating ATCM amendments. CARB stated it will begin site visits within the jurisdictions of the Bay Area and the San Joaquin Air Districts in June 2018, followed by testing facilities in Southern California. The site visits will consist of indoor ambient source testing for hexavalent chromium and other metals, and dust sampling to be analyzed by a Sacramento lab. Per CARB's request, the Air District staff provided them three chrome facilities to visit in the Bay Area. CARB concluded by saying they will convene a working group in Fall 2018, once the site visit results are compiled.

On May 24, 2018, the Air District and Potrero Hills Landfill (PHL) entered into a Compliance Agreement to allow the landfill additional time to operate, while seeking a landfill expansion permit.

On June 6, 2018, Air District staff met with representatives of the Pier 70, 28-acre mixed use development project, San Francisco, to discuss the project's draft asbestos dust mitigation plan (ADMP) and to learn about the project's scope and timelines. The project site contained naturally occurring asbestos (NOA) and was subject to the state's asbestos Air Toxic Control Measure for construction, grading, quarrying and surface mining operations. The project may take up to 15 years to complete.

Air District staff participated in monthly conference calls with representatives from Lehigh Southwest Cement, a Portland Cement manufacturer. Staff negotiated new language for the facilities Fugitive Dust Control Plan (a requirement of Regulation 9, Rule 13 – Portland Cement), which requires the facility to conduct a 3-year study to explore better dust mitigation measures for quarry blasting.

On June 22, 2018, Air District staff met with representatives of the Bayshore's project, Newark, a 42-acre development project, to discuss the project's draft asbestos dust mitigation plan (ADMP). The project site contained naturally occurring asbestos (NOA) and is subject to the state's asbestos Air Toxic Control Measure for construction, grading, quarrying and surface mining operations. The project size was 42-acres; and, two-thirds of the project was completed without an approved ADMP. Air District Staff is investigating to determine if any violations of Air District Regulations occurred.

Air District staff supported the City of San Francisco Planning Department's (Planning Department) efforts to resolve a restaurant smoke and odor situation attributable to Espetus Brazilian Steakhouse, affecting residents near Gough and Market Streets, San Francisco. The Air District received approximately 200 air pollution complaints alleging the restaurant over the past year. On May 2, 2018, Air District staff met with Planning Department personnel, other involved City agencies, and several condominium residents impacted by the smoke and odors to discuss efforts to resolve the problem. The Planning Department took the lead role, as its conditional use permit for Espetus has enforceable provisions. On May 4, 2018 the Planning Department issued a Notice of Enforcement compelling the restaurant to address the smoke and odor problem. The Air District committed to help resolve the problem and to provide air quality expertise as needed. As of June 30, 2018, the problem is unresolved. The next enforcement step for the Planning Department is a Notice of Violation.

During April, May and June 2018, Air District staff responded to approximately 40 smoke and odor complaints in Petaluma that were alleged against What a Chicken, a small restaurant within Petaluma operating an outside barbeque. No violations of Air District regulations were documented. Staff continued its investigation as the restaurant owner sought possible solutions.

The Agricultural Waste Chipping contract with Davey Tree Expert Company was extended to December 31, 2018 to use up allotted program funds. The Agricultural Waste Chipping Program allowed qualified agricultural operations to have agricultural waste chipped in lieu of open burning. Funds for fiscal year 2018 were not fully expended by June 30, 2018 most likely due to the October 2017, north bay fires.

Compliance Assurance

Air District Staff conducted over 2,872 inspections, of permitted facilities, gasoline dispensing stations, asbestos demolition and renovation jobs, open burning, portable equipment and mobile sources. Additionally, highlighted inspection activities for the quarter are as follows:

Air District staff approved one Asbestos Dust Mitigation Plan (ADMP) for the following project: RIN# 0158, 825/835 Industrial Road project, San Carlos; and, five ADMP amendment requests. Six other proposed ADMPs were under review. All the active Naturally Occurring Asbestos (NOA) projects were required to perform asbestos ambient perimeter air monitoring and submit results to the Air District on a bi-weekly basis.

On June 5, 2018, Air District staff responded to an outdoor fire at Sonoma Pacific Company, Schellville, a rural community in Sonoma County. The facility manufactures wooden pallets. The Air District received no air pollution complaints related to the fire.

Air District staff audited dry dock sandblasting operations on Mare Island, Vallejo in response to inquiries from community groups. The audit determined there were two facilities that performed dry dock sandblasting, but at the time of inspection, one of those facilities was outsourcing its work to the other. There were no violations of Air District regulations documented; staff found the operational facility to be employing extensive dust mitigation strategies to minimize potential impacts to the surrounding community.

Compliance Assistance and Operations Program

Air District staff received and evaluated over 1,997 plans, petitions, and notifications required by the asbestos, coatings, open burn, tank and flare regulations. Staff received and responded to over 74 compliance assistance inquiries and green business review requests. Additionally, highlighted compliance assistance activities for the quarter are as follows:

The Spring Marsh Management Burn Season ended on April 15, 2018. Air District staff approved 7 Marsh Management Burn Plans for burn projects in Napa and Solano County. A total of 123 acres were allocated for the season of which 98 acres were burned.

The burn season for crop replacement, forest management, orchard pruning and attrition, and range management closed April 30, 2018. Staff processed 1,941 burn notifications for the season.

Air District staff approved 4 prescribed burn smoke management plans in Alameda, Napa and Santa Clara County.

A compliance advisory was posted on the Air District's website regarding Commuter Benefits Program enforcement. Compliance advisories were also sent to open burners notifying them of new fees that take effect on July 1, 2018.

Air District staff completed the data verification and posting of refinery flare monitoring data through March 2018.

Air District staff conducted the following inspections for the Strategic Incentives Division (SID): 81 projects and 171 engines.

**TECHNOLOGY IMPLEMENTATION OFFICE
R. CHIANG, DIRECTOR**

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

Stationary Loan Program

Air District staff conducted stakeholder interviews, performed literature review, and engaged a consultant to evaluate technology options to support through the financing and partnerships program. The evaluation criteria included technology readiness, costs, technical and market barriers, and potential for emissions reductions. The report includes over 180 emissions reduction technologies and will be shared with Air District partners when it is completed in Q3 of 2018.

Staff conducted interviews with financing partners and customers to refine loan program terms and the target level of technology and financial risk. Interviews completed in this effort include: government, green banks, commercial banks, technology accelerators, venture capital, technology developers, municipal facilities, and private sector facilities.

Air District staff worked on negotiating an agreement between the Air District and the California Infrastructure and Economic Development Bank (IBank) to enable the Air District to participate in loan projects through IBank's existing processes, accelerate emerging climate technologies, and provide financial incentives for Bay Area facilities. As project implementers pay back their loans, funding can be reinvested in additional greenhouse gas technology projects. Air District staff will provide matchmaking and technical evaluations that expand the IBank's customer base and push implementation of eligible greenhouse gas reduction technologies. The Air District funding will leverage IBank monies in a ratio as high as 10 to 1 to execute selected projects.

Clean Cars for All

In March 2018, the Air District and California Air Resources Board (CARB) finalized an agreement to implement the Clean Cars for All Program in the Bay Area. Clean Cars for All provides incentives for low income households (up to 400% of the Federal Poverty Level) in disadvantaged communities to retire older, high-polluting vehicles and replace them with a newer, cleaner vehicle or with alternative transportation options (e.g. Clipper card). Eligible vehicles for purchase or lease include hybrid electric, plug-in hybrid, or electric vehicles. The agreement with CARB provides \$5M for the two-year program.

The Air District issued a Request for Proposals (RFP) for Case Managers to support Clean Cars for All on April 3, 2018. The RFP provides up to \$250,000 to provide one-on-one assistance and support to eligible consumers that apply to the Clean Cars for All Program. The results of the RFP review will be presented to the Board in July and August.

The Air District issued a RFP for GMS software vendors on June 20, 2018. The RFP seeks vendors who will host software as a service for the Clean Cars for All GMS, along with services to install, configure, deploy, test, and support the system, as well as train users.

Staff are developing program operating procedures, manuals, website, and partnerships with Dealers, vehicle scrappers, and alternative transportation programs for target soft launch in November 2018.

CHARGE! Program for Electric Vehicle Infrastructure

The Air District released a press release to announce all approved projects for the Charge! program for electric vehicles incentives for the recent grant application round, totaling more than \$6 million.

Zero Emissions Vehicle Fleet Grant Program

Staff are preparing to open applications for the next round of this program in August 2018, to support light- and medium-duty electric vehicle fleets for public and private organizations. The TIO program will focus on light-duty zero emissions vehicle fleets, while the SID program will focus on heavy-duty.

EV Outreach and Partnerships

Staff submitted Request for Authorization to CalTrans for \$5M over 5 years for CMAQ funding. Once the authorization is finalized, this funding will support staff and programs for electric vehicle planning, outreach, and customer support.

Climate Summit

The Air District was approved to organize an official affiliate event for the Global Climate Action Summit. The “Climate Tech Marketplace” event will be held on September 13, 2018 and will showcase emerging climate technologies and provide networking opportunities with potential customers and other stakeholders.

The technology report for the Diesel Free by '33 commitment included an assessment of alternatives for backup diesel generators. Staff estimated stationary diesel sources in Bay Area, California, and U.S. and evaluated technology readiness, costs, and regulations and emergency requirements for backup diesel generators.

Technology Demonstration Projects

TIO partnered with Sustainable Energy Accelerators (renewable hydrogen feasibility study) and discussed with CEC about feasibility of funding partnership; MyGreenCar (electric vehicle cost-benefit app) is at the legal agreement stage.

Staff continued to support ongoing projects Metis Design (microturbine for combined heat and power) and Freewire (battery generator).

Sponsorships

Sponsorship agreements were finalized with Verge 2018 Oakland and with UC Davis Institute of Transportation Studies for 3 Revolutions.

**ENGINEERING DIVISION
P. LEONG, DIRECTOR**

Energy Projects

Chevron Refinery (Richmond): Annual source testing at Source 4349, furnace, was found to be out of compliance with NO_x and CO limits. Permitted to fire both natural gas and refinery fuel gas up to 16.5 MMBtu/hour, the furnace is used to supply heat to the “vacuum stripper column” that separates and produces finished lube oil base stocks at the hydro-finisher.

Due to Chevron’s efficiency improvements at the vacuum stripper column, the furnace was able to operate at firing rates less than 5 MMBtu/hour, however, at the lower firing rates under fuel gas operation, the furnace was unable to meet the NO_x and CO limits of 20 ppmvd and 50 ppmvd at 3% O₂, respectively. Chevron was issued a Notice of Violation and applied for and was issued a Temporary Permit to Operate (PTO) to replace the primary burner tips, fire solely natural gas and reduce the total firing rate below 10 MMBtu/hour. A Notice of Exemption (NOE) was filed with Contra Costa County for the temporary PTO.

Under the Temporary PTO, Chevron was required to perform a source test to determine if the furnace qualified for a permit exemption under Regulation 2-1-114.1.2. After evaluating the results, staff determined that the furnace qualified for the permit exemption.

Chevron Refinery (Richmond): Chevron proposes to install an electrically powered flameless thermal oxidizer to abate their #2a API Oil Water Separator. Chevron installed new drain systems at the #2a API Oil Water Separator as part of the new hydrogen plant for the Modernization Project. The #2a API Oil Water Separator, which is currently unabated, will now be subject to federal regulations that require the system to be equipped and operated with a closed vent system and control device. The thermal oxidizer is designed to reduce VOC emissions over 95%. The destruction efficiency required by federal regulations will be demonstrated via a startup source test. The current wastewater throughput limit at the #2a API Oil Water Separator will accommodate the increase in wastewater from the new drains and the project will not require a

change in the throughput limit. The abatement of the oil water separator with the thermal oxidizer will not result in an increase in emissions (organics or toxics) and is therefore considered an alteration. In addition, fugitive components that will be installed as part of the closed-vent system will be in vacuum service and fugitive organic emissions are assumed to be zero. The Authority to Construct (ATC) for the Flameless Thermal Oxidizer was issued and an NOE for CEQA was filed with Contra Costa County on April 25, 2018.

Chevron Refinery (Richmond, CA): Chevron proposes to install a spare knockout vessel at the hydro-processing and cracking area. The installation will be in proximity of the current knockout vessel and will allow for parallel operation of either drum when one of them is undergoing an API inspection. The hydro-processing unit and cracking areas have different turnaround schedules which has required the current knockout vessel to remain in operation. Inspections to this date have only been external and the API inspector is requiring an internal inspection. The vessel serves as a relief system for the processing units and separates the sour water and slop oil entrained with hydrocarbons from volatile organic hydrocarbons that are collected through relief headers and sent to the flare gas recovery system. The knockout vessels are not a bottleneck for the processing units. Therefore, the proposed installation of the new vessel in parallel with the existing vessel will not change upstream throughput, relief gas volume and quality or downstream production. The ATC and an NOE for CEQA was filed with Contra Costa County on April 4, 2018.

Shell Chemical (Martinez): Shell Chemical proposes to decrease the stack height of S-1399 Thermal Oxidizer from 100 feet to 50 feet above grade. The stack was originally constructed in the 1970's when the thermal oxidizer was incinerating liquid wastes and therefore built to a height of 100 feet to provide proper dispersion of incinerated waste emissions. S-1399 has since been repurposed as a thermal oxidizer to abate organics from their catalyst production process. The only toxic air contaminant currently emitted is toluene at rates well below the trigger level in Regulation 2-5 Toxic New Source Review and therefore a risk screen analysis is not required. The requested change is required due to structural damage from the wind higher levels of the stack. Attempts to repair the stack have been unsuccessful. An ATC for the alteration was issued and an NOE for CEQA was filed Contra Costa County on June 13, 2018.

Tesoro Refinery (Martinez): Tesoro has applied for a temporary PO for a performance test to feed biofuel to the FCCU to lower the carbon intensity of their fuel. Tesoro proposes to feed the biofuel up to 4000 bbl/day. Total feed to the FCCU is limited to 75,000 bbl/day. The biofuel is a rapid thermal pyrolysis (RTP) liquid produced from cellulosic sources including wood waste material. Temporary POs are also needed for three RTP liquid storage tanks, and railcar unloading. The temporary PO for the FCCU, storage tanks abated by a catalytic oxidizer, and railcar unloading were issued and an NOE for CEQA was filed with Contra Costa County on June 15, 2018.

Tesoro Refinery (Martinez): Tesoro proposes a to reduce flaring at the hydrogen plant by installing piping and fugitive components to reroute gas (natural gas and hydrogen) generated during startup of the No. 1 Hydrogen Plant. Instead of sending the gas to the flare, the gas will be reused at the hydrogen plant or sent to the fuel gas system. The project will reduce flaring

during the Hydrogen Plant startup and will allow them to comply with the flaring limits in their Consent Decree with the U.S. EPA. The project will not impact the process feed or production rate of the unit and is considered an alteration. Emissions are associated with the fugitive components, but flaring emissions will be reduced. The ATC for the alteration and the NOE for CEQA was filed with Contra Costa County on April 4, 2018.

Shore Terminal LLC (Crockett): Shore Terminals proposes to receive biodiesel and renewable diesel via marine vessels, rail and or existing pipelines to the Selby Terminal in Crockett to meet the state's low carbon fuel intensity requirements. The biodiesel will be stored in two existing tanks which currently store gasoline. New piping will be installed from the two tanks to a new truck loading rack. The loading rack will be built to exclusively load biodiesel and renewable diesel. The facility estimated that a maximum of 1,440,000 barrels per year of biodiesel and/or renewable diesel will be delivered to the facility by either ship or rail. The alteration of the storage tanks and the new loading rack are exempt from permitting per Regulation 2-1-123.3.2 for the storage of loading of organic liquids or mixtures containing liquids, where the initial boiling point of the organics is greater than 302°F and exceeds the storage temperature by at least 180°F. A Certificate of Exemption for the loading rack and an alteration for the storage tank were issued on April 4, 2018. An NOE was filed for CEQA with Contra Costa County on April 4, 2018.

San Jose-Santa Clara Regional Wastewater Facility: On April 3, 2018 an ATC was issued to this facility for four 3-MW cogeneration engines that are to run using about 40% digester gas and 60% natural gas. The project was delayed because the facility had to obtain offsets for POC on the open market. All other offsets will be provided by contemporaneous reductions. A case-by-case BACT determination was made lowering the BACT limit for digester gas engines from 13 ppm @ 15% O₂ to 11 ppm @ 15% O₂.

Viridis Fuels (Oakland): Under Application 29067, an ATC was issued on May 8, 2018 for a 15 million gal/year biodiesel plant in Oakland on East Bay Municipal Utility District's property. The proposed plant will take methanol, tallow, and corn oil and use a transesterification process to make biodiesel and glycerol. The California Energy Commission is considering issuing a \$3.4 million grant to the facility.

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. 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) to increase the permitted 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 was approved on March 13, 2013.

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 is acting as the CEQA lead agency 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 with approximately 35 people in attendance. 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 this project. The comments for the scoping period ended on August 28, 2017. Staff has compiled and reviewed the scoping comments received. Since this CEQA process began, potential environmental impacts were identified beyond air quality. The Air District is working with Contra Costa County to possibly take the CEQA lead agency role for this project.

ORCEM Plant/Vallejo Marine Terminal Project (Vallejo): For CEQA, City of Vallejo is the lead agency and the Air District is a responsible agency. The proposed project has two main components: (1) The Vallejo Marine Terminal (VMT) component would reestablish industrial uses on the VMT site through the removal of the old timber wharf and construction of a modern deep-water terminal. (2) The ORCEM component would involve construction and operation of a facility for primarily the production of an alternative for Portland cement. The project has been denied by the City of Vallejo Planning Commission and appealed to the Vallejo City Council.

Since October 2017, City of Vallejo staff has been determining the next steps and a schedule for returning to the City Council for action. In October 2017, city staff and the applicant completed revisions to the Final Project Description. The main changes from the previous version were: (1) reducing the size of the proposed site, (2) requiring covered conveyors, and (3) prohibiting gasoline or petroleum product loading at the VMT. Staff is working with the City of Vallejo to ensure the Air District's comments have been addressed including emissions estimates and their health risk assessment.

The Air District received a permit application for the ORCEM Plant part of the project and the application is currently on incomplete status. The Air District has not yet received a permit application for the Vallejo Marine Terminal part of the project.

Permits and Projects

City of Napa Organics Recovery Plan: On June 20, 2018 staff met with the City of Napa, the operator of their composting and materials separation facility, their consultants, and construction company to discuss their plans to meet the state's organic diversion standards. Napa has been proactively securing funding for technologies to manage diverted materials in one location. Their proposal would upgrade their windrow composting to covered aerated static pile composting,

make significant upgrades to their leachate and storm water management facilities, and build both anaerobic digestion and pyrolysis capabilities. The co-location of these operations will allow them to manage 100% of their jurisdiction's waste stream at one site and will reduce the current trucking miles travelled in transporting this waste stream. Further, the biomethane produced at the anaerobic digester is intended to supply fuel to their truck fleet. Napa will also be working with the Air District to perform testing of these operations to provide emission data and has proposed an alternative source test method, which if demonstrated to produce similar results to the approved EPA test method, would be a significantly less expensive method to use going forward.

Organics Recovery Regional Convening: On June 25, 2018 staff organized and participated in the Organics Recovery Regional Convening. The event included staff from Planning, Engineering, Rule Development, and Compliance & Enforcement. Engineering staff prepared presentations for and manned two of the six discussion tables at the event – the Emissions and Research table and the Permitting table. Approximately 75 people attended. The attendees included representatives from other local and regional agencies, industry, industry groups, environmental groups, and consulting firms. This event presented our plan for managing the mandated diversion goals and solicited input from the attendees on the plan. The purpose of the event was to establish collaboration with other agencies and industry groups, to fill in data gaps with respect to emissions and provide input on the upcoming rule development for the organics diversion sector.

Schnitzer Steel (Oakland): Under Application 27762, Schnitzer Steel completed a voluntary project to enclose their auto shredder and improve the particulate abatement systems by reducing emissions of light fibrous material. In addition to improving capture and control of particulate matter, this project also improved capture of fugitive organic emissions emanating from the shredding process.

Source testing at the new stack found that organic emissions were much higher than expected. Based on the most recent test results, this facility has a potential to emit of more than 100 tons per year of precursor organic compounds and triggers Major Facility Review (Title V). Staff met with Schnitzer Steel on June 11, 2018 to discuss these test results and the Title V permit application process. Schnitzer Steel plans to submit a Title V application by December 1, 2018 and is investigating organic emission controls.

Owens Corning Insulating Systems (Santa Clara): Following rebricking of the M-line furnace that was part of Application 28168, the Air District determined that the furnace was modified, and therefore subject to New Source Review per Regulation 2, Rule 1. Owens Corning is subject to a Compliance and Enforcement Agreement to install Best Available Control Technology (BACT) and bring the facility into compliance by October 6, 2018. On May 8, 2018 the Air District issued an ATC under Application 28666 for a throughput increase and the installation of a new baghouse (BACT) which would bring the facility into compliance.

New Production System: On June 5, 2018 the agricultural diesel engine registration program was transferred into Production System which comprises of over 140 engines. The legacy server with agricultural engine registration program has been retired. On June 11, 2018 over 150

additional auto body facilities were transferred to the Production System. Staff are inviting customers to use the online permitting system during the permit renewal process.

CAPCOA Engineering Managers Meeting: On April 23 and 24, 2018 staff participated in the quarterly CAPCOA Engineering Managers Committee meeting. Topics discussed included: Annual emission reduction credit reporting to CARB, CARB centralized databases in relation to AB 617 requirements, Cannabis-related activities, BACT for wine fermentation tanks, Wood pyrolysis (biochar and energy production), Hot Spots Analysis for district-wide transportable equipment operated at stationary sources, Oil and gas regulations, Power plant permitting updates, CAPCOA/CARB training, and new Best Available Control Technology (BACT) determinations.

NACAA Permitting and New Source Review Committee: The conference call on May 9, 2018 discussed three main topics: New EPA interpretation of “common control” for Title V and NSR permitting (source aggregation), Final Guidance on Significant Impact Levels for ozone and fine particles in the Prevention of Significant Deterioration (PSD) permitting program, and a NACAA Title V Fees Survey. Staff submitted its responses to the NACAA Title V Fee Survey request, which examines how state and local air agencies in the U. S. are currently managing permit fees under Title V of the Clean Air Act. The survey is expected to be useful to agencies that may be re-evaluating their Title V fee structures.

Government Alliance on Race & Equity: On April 19, May 17, and June 14, 2018 staff attended training workshops in Oakland, California to further gain understanding of the role of government in relation to racial equity. This training is to help agencies advance racial equity in its operations and programs.

Rule Development and Implementation

Regulation 2 Permitting Rules: On May 21, 2018 EPA published in the Federal Register their approval of revisions to Air District Regulation 2, Rules 1, 2 and 4 as part of the State Implementation Plan. These revisions were adopted by the Board of Directors on December 6, 2017 and are intended to address deficiencies previously identified by EPA.

Regulation 3, Fees: On April 18, 2018 the Board of Directors held a public hearing to receive testimony on the proposed amendments to Regulation 3, Fees. After addressing comments, the Board of Directors held a second public hearing on June 6, 2018 and adopted the proposed amendments to Regulation 3. The rule became effective date of July 1, 2018. These amendments would increase fee revenue in line with the Air District’s policy to recover costs from implementing and enforcing regulatory programs for stationary sources of air pollution.

Regulation 11, Rule 18, Reduction of Risk from Air Toxic Emissions at Existing Facilities: As a first step to implementing Rule 11-18, the Air District sent a data request to Owens Corning Insulating Systems on April 24, 2018. Owens Corning has until August 22, 2018 to respond. Using this experience, data requests for 15 more facilities are scheduled to go out in July and August.

On April 30, 2018 the Air District hosted the first Rule 11-18 Implementation Workgroup meeting at Air District Headquarters. The purpose of this workgroup is to ensure transparency and consistency during the Air District's implementation of Rule 11-18. The workgroup includes representatives of each refinery, several industry groups, environmental and health organizations, and District staff from multiple divisions. The role of the workgroup is to identify informational needs, enhance the implementation process, and resolve issues related to implementation. The Air District staff provided an overview of Rule 11-18 requirements and described the first stages Implementation Plan, which include facility prioritization and data validation. The Implementation Workgroup will meet at least quarterly, with the next meeting scheduled in August 2018.

On May 21, 2018 staff updated the Stationary Source Committee on the implementation of this rule.

Heavy Liquid Study: Staff is working with Legal, Enforcement, and Rule Development to address a path forward for developing revised average emission factors for fugitive emission leaks from heavy liquid service components. Staff is working with Enforcement, WSPA, and the refineries on selecting components to monitor and test for the study. All five refineries have finished the screening portion while four have finished the bagging portion.

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 June 30, 2018. Staff is reviewing these submittals for deficiencies.

California Assembly Bill 617: Staff continues to work on the implementation of AB 617, including actively participating on the Best Available Retrofit Control Technology (BARCT), BACT, and Emissions Inventory workgroups with the California Air Resources Board (CARB) and other air districts. Staff has been participating in conference calls on CARB's draft AB 617 Emission Reporting Regulation and has provided written comments to CARB. Staff has been participating in meetings of the internal West Oakland Action Plan workgroup and will be reviewing draft BACT data from the CARB. Staff has also been considering permit ideas to further reduce air pollutant emissions and exposure for communities.

LEGAL DIVISION
B. BUNGER, DISTRICT COUNSEL

The District Counsel's Office received 683 violations reflected in Notices of Violation (NOVs) for processing.

Mutual Settlement Program staff initiated settlement discussions regarding civil penalties for 569 violations reflected in NOVs. In addition, 26 Final 30-Day Letters were sent regarding civil penalties for 33 violations reflected in NOVs. Finally, settlement negotiations resulted in collection of \$562,765 in civil penalties for 598 violations. *105 NOVs were settled by passing the Wood Smoke Awareness Course with no penalty collected.*

Counsel in the District Counsel's Office initiated settlement discussions regarding civil penalties for 80 violations reflected in NOVs. Settlement negotiations by counsel resulted in collection of \$3,360,400 in civil penalties for 303 violations.

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

Media Inquiries

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

- Cement plant fire
- Air monitoring
- Newby Island
- Phillips 66
- North Beach Fire
- Chevron steam plume
- Chevron noise
- Dodd bill
- Cement plant fire
- Chevron Flaring
- ALA State of the Air
- Chevron settlement
- Spare the Air
- PSC operation and permit
- Valero spill
- Antioch Fire
- 2013 Shell incident
- Sonoma pallet fire
- Schnitzer steel fire
- Zero emission ferry
- Spare the Air
- Valero fence line monitors
- Spare the Air
- Wildfire smoke
- Climate change
- Wildfire smoke
- California waiver
- Refinery upsets
- GHGs
- Napa Temperature trends
- AB 617

Media Highlights

The Air District was mentioned in 2.03k print/online stories and 48 video and radio clips from April to June 2018. Below are media coverage highlights:

- [Smog levels jump, cause pollution alert in eastern Solano](#)
- [Wildfire burning near Milpitas now 90 percent contained](#)
- [Containing the Slag](#)
- [Temperatures — and fire danger — rising across the state](#)
- [Air quality concerns linger as wildfires rage in California](#)
- [Where smoke from Yolo County fire is headed next](#)
- [Families Trying to Celebrate the Summer Stay Cautious as Air Quality Concerns Rise](#)
- [Air District asks people not to light personal fireworks this Fourth of July](#)
- [Yolo County wildfire's smoke, ashes stir memories of Napa firestorms](#)
- [Wildfire burning through Yolo, Napa counties minimally contained](#)
- [Gov. Signs Bill Modernizing Air District Communications](#)

- [Wildfire smoke riding above fog](#)
- [Smoke from forest fire filters sunlight in the mid-Peninsula](#)
- [Bay Area covered with white ash, orange skies because of faraway wildfires](#)
- [Bay Area to look less yellow as an onshore breeze blows away wildfire smoke](#)
- [County Fire grows to 44,700 acres, 3% contained](#)
- [Smoke advisory issued throughout Bay Area](#)
- [Smoke advisory: Effects to linger in Bay Area until midweek, officials say](#)
- [Smoke from wildfires begins to clear after hazy day in SF](#)
- [Ash from Yolo County fire dusts East Bay, prompting officials to warn of health risks](#)
- [Spare the Air alert issued for Saturday](#)
- [Spare The Air Alert Issued For Bay Area](#)
- [Spare the Air alert in effect](#)
- [Napa County Grand Jury weighs in on climate change, saying it threatens wine industry](#)
- [Calif.'s LAVTA, partners launch shared autonomous vehicle testing](#)
- [SSA Terminals Transform Diesel RTGs](#)
- [CARB awards \\$20M in Cap-and-Trade funding to zero-emission transportation technology demos, H2 ferry, BEV locomotive](#)
- [Nation's first hydrogen fuel-cell ferry to be built in Bay Area](#)
- [Air pollution alert remains in place; fire danger alert added into mix](#)
- [Smog triggers back-to-back air pollution alerts for western Solano area](#)
- [Bay Area heat wave can't stop Alameda County fairgoers from staying cool](#)
- [Spare the Air alerts called for Friday and Saturday in Napa as temperatures soar](#)
- [2-Day Spare The Air Alert Issued For Bay Area](#)
- [Spare the Air alert in effect in Bay Area](#)
- [LASD receives \\$1.4M grant to install charging stations](#)
- [Second step of Industrial Safety Ordinance process on council agenda](#)
- [Sacramento region smog prompts air pollution alert in parts of Solano](#)
- [2,000+ New Electric Vehicle Charging Stations Coming To Bay Area](#)
- [Bay Area To Receive Over 2K New Electric Vehicle Charging Stations](#)
- [San Rafael bike-pedestrian pathway gets OK from feds](#)
- [Oak Avenue School celebrates completion of solar installation](#)
- [San Rafael OKs 1st leg of bike path to Larkspur](#)
- [Cause of West Oakland recycling firm fire still unknown; water supply issues to be improved](#)
- [West Oakland fire is recycling plant's fifth in eight years](#)
- [Fire at Oakland recycling plant sends black plume into sky](#)
- [City To Consider Revoking Permit For Scrap Yard After Toxic Fire](#)
- [SMART, San Rafael OK 1st leg of bike path to Larkspur](#)
- [Trolling for Tolls: How Regional Measure 3 May Affect Commuters](#)
- [San Rafael's multi-use path moves forward](#)
- [Phillips 66 to pay nearly \\$100,000 for air quality violations in 2015](#)
- ['Global opportunities at the Port of Oakland' projects awarded \\$187 million in gas tax grants](#)
- [Judge Rules in Favor of Oakland Coal Project](#)
- [Phillips 66 Pays Fine For Problems At East Bay Refinery](#)
- [San Rafael's multiuse path cost climbs to nearly \\$6 million](#)
- [PG&E, Sonoma Clean Power offer wildfire rebuild energy incentives](#)
- [Toll lanes good for the rich, bad for the environment](#)

- [Open Burning Banned in Marin County](#)
- [Bay Area Spare the Air smog season begins](#)
- [Commuters urged to protect air quality during smog season](#)
- [Spare the Air Smog Season Begins in Bay Area](#)
- [Bay Area Residents Urged to Reduce Smog as Weather Gets Warmer](#)
- [Smooth ride](#)
- [Chevron Pays Fine for Richmond Refinery Violations](#)
- [Chevron to pay \\$170,000 for past air violations at Richmond refinery](#)
- [Chevron pays \\$170k to air district for Richmond refinery violations](#)

Press Release

- 6/29/2018 [Air District issues Spare the Air smog alert](#)
- 6/21/2018 [Air District issues first Spare the Air smog alerts in 2018](#)
- 6/19/2018 [Air District funds \\$4.5 million for public agency climate protection grants](#)
- 6/19/2018 [Partners launch 2018 program to protect blue whales and blue skies](#)
- 6/11/2018 [Air District Charge! Program awards more than \\$6 million for new electric vehicle charging stations](#)
- 5/29/2018 [Spare the Air Leadership Award winner to be honored at Acterra Business Environmental Awards ceremony](#)
- 5/24/2018 [Permissive burn season for flood debris fires closes, double crop stubble season begins](#)
- 5/16/2018 [Air District settles case with Phillips 66 Company](#)
- 5/08/2018 [Air District hosts AB 617 Community Health Protection Program workshops in Dublin, San Pablo, San Jose and Fairfield](#)
- 4/26/2018 [Spare the Air smog season begins as warmer weather nears](#)
- 4/24/2018 [Air District offering \\$50 million in grant funds to reduce air pollution from heavy duty engines](#)
- 4/24/2018 [Permissive burn seasons close for crop replacement, forest management, orchard pruning and attrition, and range management](#)
- 4/23/2018 [Air District settles case with Chevron USA Inc.](#)
- 4/20/2018 [Air District hosts AB 617 Community Health Protection Program workshops in Vallejo, Bay Point and Pleasant Hill](#)
- 4/11/2018 [Spring burn season closes for marsh management fires](#)
- 4/3/2018 [Bay Area Air District statement on Trump Administration's decision to roll back auto emissions standards](#)

Public Inquiries

Phone: 445 public calls

Events

- Stanford Research Park Earth Day – Palo Alto (April 5)
- Foster City Illumina Commuter Program Fair – Foster City (April 11)
- Santa Clara Arbor Day/Earth Day – Santa Clara (April 13)
- Berkeley Bay Festival – Berkeley (April 14)
- Oakland Zoo Earth Day – Oakland (April 14)
- San Francisco March for Science – San Francisco (April 14)

- Bay View/Dogpatch Sunday Streets – San Francisco (April 15)
- Sonoma State University Earth Day – Rohnert Park (April 16)
- EBMUD Earth Day Fair – Oakland (April 18)
- SAP’s Sustainability Earth Day – Palo Alto (April 18)
- San Jose State University Earth Day – San Jose (April 19)
- Mission College Eco Fair – Santa Clara (April 19)
- Cushman and Wakefield Earth Day – San Francisco (April 19)
- Pittsburgh Earth Day – Pittsburgh (April 20)
- Alameda Earth Day Festival – Alameda (April 21)
- Fremont Earth Day Community Event – Fremont (April 21)
- Belmont Earth Day – Belmont (April 21)
- Cupertino’s Earth Day & Arbor Day Festival – Cupertino (April 21)
- North Richmond Earth Day – Richmond (April 21)
- San Francisco Earth Day – San Francisco (April 22)
- Airport Runway Run – San Carlos (April 22)
- Oracle Green Fair – San Jose (April 24 & 25)
- Annual Petaluma Butter & Egg Day – Petaluma (April 28)
- Pacific Coast Dream Machine Show – Half Moon Bay (April 29)
- Amgen Earth Day & Wellness Fair – South San Francisco (May 2)
- Silicon Valley Bikes Festival – San Jose (May 6)
- Sunday Streets – San Francisco (May 6)
- Oakland Bike to Work Day – Oakland (May 10)
- Valet Bicycle Parking Sponsorship – Santa Rosa (May 10)
- Half Moon Bay Bike to Work Day – Half Moon Bay (May 10)
- Bike East Bay – Livermore (May 19/20)
- Sunset/Golden Gate Park Sunday Streets – San Francisco (June 3)
- Green Footprint Festival – Pittsburgh (June 7)
- San Mateo County Fair – San Mateo (June 9-17)
- Coddington Safe Resource Fair – Santa Rosa (June 16)
- Alameda County Fair – Pleasanton (June 22-July 8)
- Safe Kids Day – Oakland (June 23)
- Alameda County Fair – Pleasanton (June 22-July 8)
- Solano County Fair – Vallejo (June 30-July 1)

Spare the Air

The Spare the Air website is currently being redesigned. Contractor developed mock-up upon Air District request, staff provided input and is reviewing revisions.

This quarter, the spring media buy ran. Staff worked on late summer media buy and planned for surveys with True North. To date, the Air District has issued 6 Spare the Air alerts this season.

Air District Social Media

The Social Media Plan for the Communications Office undergoing final edits and Air District social media guidance document is in development.

Staff continues to run social posts daily including:

- Daily, two-day and five-day air quality forecasts
- Air quality updates
- Spare the Air Leadership Award winners
- Information about AB 617 workshops
- Advisory council opening
- Community Health Protection Program survey
- Air Quality Awareness Week 2018
- May AB617 community workshops
- Air District statement against Trump's plan to scrap emission standards.
- Info on Phillips 66 settlement
- Staff feature story on environmental planner Areana Flores

This season, the most successful social media posts were: information about Community Health Protection Program survey and grant funds. Staff boosted post on Community Health Protection Program grants. Posts reached about 4,032 on Facebook and 13.5k on Twitter, and 380 user impressions on Instagram with an average of 89 likes per photo.

In this quarter, follower numbers increased to 2,081 on Facebook, 3,846 on Twitter, and 1,066 on Instagram.

Spare the Air Social Media

This quarter, the staff shared posts on:

- How the new courtesy light at Richmond BART station helps residents make intermodal connections
- The new flyer trolley
- Photos of Pittsburgh Unified's Walk and Roll to school event
- SFBAT's post announcing BART will be going to Antioch
- Start of summer smog season
- Cars being the largest source of air pollution in the Bay Area

Staff posted instructional video on how to load your bike onto SamTrans which made over 2,100 impressions on Twitter.

The STA Instagram account bio was updated with @sparetheair and the hashtag #SFBayArea

Employer Program Updates

O'Rourke continues setting up Carpool Now events, that promote interoffice carpooling at large employers. Events were held at SunPower Richmond on Thursday, February 22, 2018 and SAP in Sunnyvale March 1, 2018.

Prosio in the process of drafting Employer Program ideas for staff review.

Clean Air Plan -- Spare the Air, Cool the Climate

Staff purchased sparetheairclimate.org URL and the website's content architecture is complete with web team making edits to the website based on input.

Videography

This quarter, staff worked on an Anaerobic Digestion presentation draft video for the Planning Division.

Staff completed a video titled, "Expert Panel Series: Composting Training and Operators Perspective."

Staff filmed explanation of region-wide Spare the Air Alerts video as part of "Ask an Expert" video series on June 20, 2018 at Delores Park interviewing Dan Alrick.

Annual Report

Staff worked with contractor for design options and final web and print designs with Air District to complete the project. The 2017 Annual Report is available online at: http://annualreport.baaqmd.gov/2017/#/slide_1.

Training

Staff working to develop Moodle training for Spare the Air Events.

For media training, staff worked with Steve Gregory, media training expert.

Miscellaneous

Staff worked on Spare the Air Branding Guidelines. Contractor adding Air District revisions and will send final version for review/approval.

For Richmond Mobile Monitoring Pilot, staff worked with partners on data sharing, communications, community outreach and troubleshooting issues.

Staff is working on the Air District History Display contract for production/installation and finalizing content. Installation will occur in early September.

**COMMUNITY HEALTH PROTECTION OFFICE
E. YURA, OFFICER**

OUTREACH AND ENGAGEMENT PROGRAMS

Spare the Air Youth

- **Tuesday, June 27 – Spare the Air Youth Program Check in Meeting** – Staff met with Ursula Vogler, with MTC, and Alta Planning staff to discuss the Spare the Air Youth's high school grant program submissions and reviewer scores.

- **Monday, June 18 – 2019 YES Conference Venue Meeting** – Staff met with Dan Hayes and Weyland Li, with City College of San Francisco’s Athletics and Facilities Department, to discuss the possibility of hosting the 2019 YES Conference at the City College of San Francisco’s campus.
- **Tuesday, June 5 – Spare the Air Youth Program Check in Meeting** – Staff met with Ursula Vogler, with MTC, and Alta Planning staff to discuss the Spare the Air Youth’s high school grant program, schedule the next Technical Advisory Committee meeting and began discussions on the planning of the 2019 YES Conference.
- **Wednesday, May 30 – Spare the Air Youth High School Safe Routes to School Grant Webinar** – Grant funding will be available to schools and high school students, which will provide resources to high school groups who are engaged in transportation and climate change work. MTC is currently accepting applications for both School Teams and Vendors until June 18, 2018. Staff participated on the webinar to provide information on the Air District and was available to answer questions.
- **Tuesday, May 22 – Spare the Air Youth Program Check in Meeting** – Staff met with Ursula Vogler, with MTC, and Alta Planning staff to discuss the upcoming Spare the Air Youth’s high school grant program and to prepare to review grant submissions.
- **Monday, May 14 – Summer Intern Interviews** - Staff conducted phone interviews with various high school students interested in an internship with the Air District. The high school intern will be with the Community Engagement Office from June 25 – August 31, 2018.
- **Tuesday, May 8 – Spare the Air Youth Program Check in Meeting** – Staff met with Ursula Vogler, with MTC, and Alta Planning staff to discuss the upcoming Spare the Air Youth’s high school grant program and to prepare to review grant submissions at the end of June.
- **Friday, May 4 – Civics Day Participation** - Staff participated as a judge in the biannual Civics Day event held at the San Francisco’s State of California Building. Middle school and high school students presented their own projects grounded in grassroots organizing and activism.
- **Thursday, May 3 – Environmental Youth Forum Conference** – Staff presented and provided a table of information at the California Film Institute’s Environmental Youth Forum in San Rafael. Staff provided information on the Air District, solicited feedback on the Spare the Air Youth program and answered air quality related questions.
- **Wednesday, May 2 – Meeting with Director Barrett** – Staff met with Director Teresa Barrett to discuss feedback on the 2018 Youth for the Environment and Sustainability (YES) Conference.
- **Wednesday, April 25, Spare the Air Youth Technical Assistance Committee Meeting** - Staff attended and presented YES Conference highlights and received general feedback on the program.

- **Thursday, April 19 – MTC Intern Mentor Orientation Training** – Staff attended the Mentor Orientation Training hosted by MTC. The Orientation Training provided staff with information on the logistics of hosting a high school intern in the office. The high school intern will be placed in the office during the summer and will assist with daily office tasks.
- **Friday, April 13 – Bioneers Youth Leadership Program Meeting** – Staff participated on a telephone call with Bioneers Youth Leadership Program Manager to learn about the youth program hosted by this nationally recognized program. Staff were referred to several North Bay community environmental partners for future Spare the Air Youth engagement.
- **Thursday, April 12 – Inspire & Empower Emerging Youth Leaders - Green Careers Conference** – Staff presented and participated in the Inspire & Empower Emerging Youth Leaders Conference in Berkeley. Staff presented an overview of the careers available at the Air District, provided background information on various career paths and answered general questions about air quality and careers in government.
- **Tuesday, April 10 – Spare the Air Youth Program Check in Meeting** – Staff met with Ursula Vogler, with MTC, and Alta Planning staff to discuss the upcoming Spare the Air Youth Technical Advisory Committee meeting and the high school grant program.

Spare the Air Resource Teams

- **Wednesday, June 20 – Santa Clara Spare the Air Resource Team Conference Call** – Staff participated on the Santa Clara Team’s conference call to provide an update about recent Air District activities. The team discussed future unification with the San Jose Resource Team members and kick off meeting in September.
- **Friday, June 15 – San Francisco Spare the Air Resource Team Conference Call** – Staff participated on the San Francisco Team’s conference call to provide an update about recent Air District activities. The team discussed end-of-year projects and expenditures.
- **Friday, June 15 – Sonoma County Spare the Air Resource Team Conference Call** – Staff participated on the San Francisco Team’s conference call to provide an update about recent Air District activities. The team discussed end-of-year projects and expenditures.
- **Thursday, June 14 – San Mateo County Spare the Air Resource Team Meeting** – Staff attended the San Mateo County Resource Team meeting at Genentech in South San Francisco and provided an Air District update. The team received an informational presentation from Resilient by Design, reviewed their Active Trips Incentive project and discussed new project ideas and potential new team members.
- **Wednesday, June 13 – Tri Valley Spare the Air Resource Team phone meetings** – Staff participated on the Tri Valley Team’s call, provided an update about recent Air District activities, and discussed the end-of-year projects and expenditures.
- **Thursday, June 7 – Contra Costa Spare the Air Resource Team** – Staff attended the Contra Costa Resource Team meeting in Concord and provided an Air District Update. The team will be printing more Idle Free Bookmarks, school signs and fans with their remaining budget.

- **Thursday, May 24 – Southern Alameda County Resource Teams** – Staff presented on the two Open Air Forum topics and encouraged members to respond and forward to their networks. There was a lot of interest in the survey as well as questions about the AB 617 map and why certain parts of Fremont do not pop up on the map.
- **Tuesday, May 22 – San Jose Resource Team Meeting** – Staff participated in the last team meeting for the San Jose Resource team. The meeting celebrated the team’s achievements in the past few years. Members will be joining the Santa Clara Resource Team in the fall.
- **Thursday, May 17 – San Mateo County Resource Team’s Fair Value Commuting Lunch N’ Learn** – The San Mateo County Spare the Air Resource Team hosted a “lunch n’ learn” on Fair Value Commuting. The event targeted San Mateo County’s city and public-sector staff. Steve Raney, Executive Director of Smart Mobility, Joint Venture Silicon Valley, and John Ford, Executive Director of San Mateo County’s Commute.org, shared insights from pilot projects, outlined the Fair Value Commuting program and provided an overview of how the program uses Commute.org’s next generation S.T.A.R. platform.
- **Friday, May 11 – Napa County Resource Team** – Staff presented on the two Open Air Forum topics and encouraged members to respond and forward to their networks. There was a lot of interest in the CMP topic and many questions about the AB 617 map in which parts of Napa County pop.
- **Thursday, April 26 – Meeting with San Jose’s Environmental Services Division** – Staff met City of San Jose Environmental Services Division to discuss the collaboration of the San Jose Green Vision Resource Team and the Santa Clara County Spare the Air Resource Team.
- **Monday, April 16 – Meeting with Community Focus** – Staff met with Stephanie Anderson, Community Focus, to discuss the upcoming contract for the Spare the Air Resource Team program. Staff reviewed Air District goals and expectations for the Resource Teams, discussed a timeline for each team and reviewed next steps.
- **Friday, April 13 – Sonoma County Spare the Air Resource Team Conference Call** – The Sonoma County Spare the Air Resource Team met via conference call. The team discussed the team’s employer commute outreach efforts, progress made towards updating the Go Sonoma website and the team’s remaining funds.
- **Tuesday, April 10 – San Mateo County Spare the Air Resource Team Conference Call** – The San Mateo County Spare the Air Resource Team met via conference call. The team discussed the Active Trips Incentive Project, discussed the TDM event scheduled on May 17, 2018 and reviewed the team’s budget.
- **Monday, April 9 – Meeting with Kearns & West** – Staff met with the Kearns & West team to discuss the creation of a Spare the Air Resource Team in Marin County. The group discussed potential team members, a tentative timeline and next steps. Outreach for the Marin County Spare the Air Resource Team will begin after July 1, 2018.

- **Monday, April 2 – Public Engagement Committee Meeting** – Staff presented the results of the RFP and selection process for the new Resource Team contract period starting in July of 2018. The Committee recommended the selection of Community Focus and Kearns and West for managing the resource teams.

Community Meetings, Workshops and Site Visits

- **Monday, June 25 – Regional Conversation on Developing a Sustainable Organic Waste Recovery Sector** – The interactive event convened regional stakeholders and, through discussion, explored the development of the Bay Area's organic materials recovery sector. The goal is to build toward a more sustainable system for the collection, separation, chipping, grinding, piling, composting, digestion, thermal conversion, and land application of recoverable organics. Staff helped facilitate the “Getting to IMBY” discussion table during the breakout sessions.
- **Wednesday, June 20 – San Francisco AB 617 Workshop** – Staff hosted the last AB 617 workshop on the Air District’s new Community Health Protection Program. The program is a collaborative initiative between the Air District, California Air Resources Board and local communities to employ innovative strategies to reduce exposure to air pollution in the region’s most impacted neighborhoods. Staff provided an overview of the program, solicited feedback on priority Bay Area communities and provided information on next steps.
- **Thursday, June 14** – Staff attended and helped lead the kick-off community mapping session for the “Hidden hazard” project in Bayview Hunters Point.
- **Friday, June 8** – Staff attended the kick-off meeting for the Transformative Climate Communities Program in East Oakland and participated in the final presentation of the Resilient by Design project for East Oakland.
- **Thursday, June 7 and June 14** - Staff attended and participated in the local Communities AB 617 Outreach program in West Oakland.
- **Tuesday, June 5 – Meeting with Healthy Richmond Leadership Team** – Staff met with Healthy Richmond to share AB 617 Monitoring Campaign plan, discuss outreach for partners and identify next steps. Healthy Richmond staff will share list of potential partners for stakeholder group.
- **Thursday, May 24 – West Oakland Action Plan** – Staff met with WOEIP Cod\Directors regarding the development of an AB 617 Action plan and more specifically creating a Steering Committee and contacting various sector representatives.
- **Monday, April 30 – Tour of South Vallejo** – Staff met with members of South Vallejo neighborhood organizations (All Positives Possible) and were shown different sites including sensitive receptors and potential new sources such as the proposed ORCEM cement plant.
- **AB 617 Workshops** – Staff hosted various workshops around the Bay Area on the Air District’s new Community Health Protection Program. The program is a collaborative initiative between the Air District, California Air Resources Board and local communities to employ innovative strategies to reduce exposure to air pollution in the region’s most

impacted neighborhoods. Workshop attendees learned about new grant funds to reduce emissions from mobile sources of pollution in the communities most impacted, heard about the latest information on AB 617 and helped the District identify priority communities.

- **Tuesday, April 24** – Vallejo Workshop
 - **Wednesday, April 25** – Bay Point Workshop
 - **Monday, April 30** – Pleasant Hill Workshop
 - **Thursday, May 10** – Dublin Workshop
 - **Wednesday, May 16** – San Pablo Workshop
 - **Monday, May 21** – San Jose Workshop
 - **Thursday, May 24** – Fairfield Workshop
 - **Monday, June 4** – Oakland Workshop
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- **Week of April 23 – AB 617 Workshop Outreach** – Staff deployed to Vallejo, Bay Point, Pleasant Hill and surrounding communities to conduct outreach for upcoming workshops. Staff also reached out to residents to jointly craft workshop agendas.
 - **Friday, April 20 – Earth Day Celebration – Pittsburg** – Staff attended an Earth Day event in Pittsburg and did outreach for upcoming AB 617 workshops
 - **Thursday, April 19 – Meeting with Idle No More, Bay Area** – Staff met with representatives from Idle No More to discuss their concerns regarding fossil fuel infrastructure projects in the Bay Area.
 - **Thursday, April 19 – Air Quality, Citizen Science and Environmental Justice Presentation** – Staff attended the “Air Quality, Citizen Science and Environmental Justice” Presentation. The presentation is the last session of EPA Region 9’s EJ Spring Training Series. Speakers included Ms. Margaret Gordon, West Oakland Environmental Indicators Project, Tim O’Connor, Environmental Defense Fund, and Kate Hoag, Bay Area Air District.
 - **Tuesday, April 17 – Walnut Creek Idle Free Proclamation** – Staff attended the Walnut Creek City Council meeting to accept a proclamation on behalf of the Air District as the City highlighted efforts to decrease vehicle idling and other air-protective actions.
 - **Week of April 16 – AB 617 Workshop Outreach** – Staff deployed to Vallejo, Bay Point, Pleasant Hill and surrounding communities to conduct outreach for upcoming workshops. Staff also reached out to residents to jointly craft workshop agendas.
 - **Wednesday, April 4 – Latino Roundtable Planning** – Staff continued to work with the California Department of Public Health and other agencies on planning a Spanish roundtable about emergency preparedness and chemical incident response for health promoters and Latino leaders in the Bay Area to be held on April 20 in Oakland.
 - **Monday, April 2 – Idle No More Meeting Coordination** – Staff are working on planning a meeting with Idle No More, a Bay Area Indigenous community coalition seeking to keep tar sands and crude oil in the ground.

- **Throughout April – Compliance & Enforcement Ride-Alongs** – Community Engagement staff has been participating on ride-alongs with Compliance & Enforcement staff to conduct various inspections, site visits and follow-up on complaints.

Other

- **Thursday, June 28 – Climate Change and Health Equity Webinar** – Staff participated in this webinar that explored strategies that address climate change and health inequities and reviewed the upcoming *Climate Change, Health and Equity: A Guide for Local Health Departments*.
- **Wednesday, June 27 – BACR Racial Equity Steering Committee** – First meeting of the cross-agency, cross-cohort racial equity team. Objectives of the meeting were: Begin to operationalize each pillar – plan for finalization, ID at least one representative from SC to be responsible for each pillar’s operationalization, Define the first team deliverables, and Agreed upon meeting schedule.
- **Tuesday, June 26 – MTC Intern Orientation** – Staff attended the Intern Orientation hosted by MTC to meet the Air District’s assigned summer intern. The Community Engagement Team will be hosting a high school intern in the office this summer.
- **Thursday, June 21 – GARE Conference Call for Implementation Team Leads** – Staff called into the team lead conference call for the Northern California implementation teams. Debriefed the last speaker series and updates from each team.
- **Wednesday, June 20 – First Aid, CPR and AED Training** – Staff attended a First Aid, CPR and AED training hosted by the Human Resources Department as part of June Safety month activities.
- **Tuesday, June 19 – BCDC Environmental Justice Roundtable** - Staff attended the BCDC EJ Roundtable at Oakstop in Oakland. BCDC co-hosted with two state commissions. Each agency is working to include EJ into their current plans and work. After brief presentations about each agency, we broke into small group discussions to share why we attended, challenged and opportunities to include EJ in the public process, etc.
- **June 18-20 – Health in All Policies: The Case of Air Pollution, Urban Health and Sustainability Workshop, Washington, DC** – Staff attended this workshop organized by the World Health Organization, in collaboration with the Association of Schools and Programs of Public Health, the Pan American Health Organization, and the National Environmental Health Association. The content was very relevant to the Air District’s AB 617 efforts as we work to encourage local jurisdictions to incorporate health-protective measures in their land-use and other policies.
- **Thursday, June 14 – Healthy Places Index Webinar** – Staff attended a HPI webinar to learn about the newly launched HPI. During this webinar staff learned how HPI can be used to explore community conditions that predict life expectancy, compare and rank scores and find actionable policy solutions.

- **Thursday, June 14 – GARE Speaker Series** – Staff attended an Advancing Racial Equity Speaker, Darlene Flynn. Having become involved in local government as an activist and organizer, Darlene Flynn began her career in public service with the City of Seattle, doing policy development and constituent services for former Councilmember and Land Use Chair, Jim Street. Following opportunities to work for Seattle Public Utilities and Department of Neighborhoods, she joined the Seattle Office for Civil Rights as an early program architect and the Policy Lead from the inception of their ground-breaking Race & Social Justice Initiative. In this capacity, she provided strategic planning, policy design, implementation and training support to the initiative focused on ending institutional racism in City government. In 2016, Darlene accepted the position of Director of the new Department of Race and Equity in Oakland California, where she is currently applying her years of experience on public policy and equity expertise to lead and support Oakland’s efforts to create a more just and equitable City.
- **Tuesday, June 12 – Reg 7 Work Group Kickoff Meeting** – Staff attended the internal kickoff meeting of the update to Regulation 7: Odorous Substances Rule. Staff reviewed the regulation history, potential amendments to the existing rule and next steps.
- **Saturday, June 9 – San Mateo County Fair** – Staff tabled at the San Mateo County Fair and answered general questions on the Spare the Air program, the Air District and air quality.
- **Friday, June 8 –Meeting with Hannah Doress** – Staff met with Hannah Doress from Word Out Consulting to gain insight from her experience in relationship-building and event planning in North Bay as well as nationally. Hannah also shared the importance of offering comprehensive services for any events or relationship-building in the Peninsula to ensure folks participate, such as immigration or housing services.
- **Friday, June 8 – Meeting with Ada Marquez**– Staff met with a community leader, Ada Marquez, San Jose University Professor, to assist in identifying key leaders and celebrated organizations in San Jose and Alviso. She also offered assistance with youth engagement strategy development.
- **Thursday, June 7 – GARE Training for BARC Equity Team** – GARE National and Regional staff facilitated a planning workshop for the cross-agency and cross-cohort BARC teams. We identified actions within four pillars of work: Workforce Development, Community Health, Community Investments, and Internal Operations. Next steps are for members to self-select into one or more of the work teams to complete action plans.
- **Thursday, June 7 – Sustainable Silicon Valley** – Staff met with Sustainable Silicon Valley to discuss the next phase of their Net Positive homes project, and the next round of sponsorship funding from the Air District.
- **Thursday, June 7** – Staff served on a Technology Innovation Grants Review Panel. Staff evaluated two RFP proposals for the Electric Vehicle Subsidy Program for low-income communities.

- **Tuesday, June 5 – MTC’s Participatory Budgeting Pilot Meeting** - Staff met with MTC’s Program Manager piloting the participatory budgeting methodology for their Lifeline Program. Staff hope to follow the developments in this program that can inform potential adaptation or use for Air District’s future projects.
- **Monday, June 4 – How to Survive and Active Shooter Training** - Staff participated in a half-day training to develop situational awareness and basic tools to survive an active shooter incident.
- **Thursday, May 31 – Alameda County Public Health Meeting – AB 617** – Staff met with Anna Lee from Alameda County Public Health to discuss a new air quality study in Oakland, and implications for AB 617 implementation
- **Thursday, May 31 – Acterra Business Environmental Awards** – Staff participated in this annual event where sustainable businesses receive an Air Quality award sponsored by the Air District.
- **Wednesday, May 23 - Resilience by Design Exhibition and Showcase** – Staff attended the Resilience by Design Exhibition and Showcase entitled Keeping Sea Level Rise at Bay.
- **Wednesday, May 23 – GARE Implementation Cohort Meeting** – Staff participated in the second year cohort meeting to give updates and learn about the efforts occurring across cohorts.
- **Tuesday, May 22 – San Leandro Balloon Launch and Air Quality Student Expo** – Community Science Grantees Sequoia Foundation and Magnitude.io helped science students from San Leandro High School plan and hold an air quality expo at the Barbara Lee Center. SLHS students and community organizations set up booths with information about air quality and things people can do to make it better. The event culminated with the launch of a weather balloon containing air monitoring equipment that will be collected and analyzed for education. Staff helped with outreach for event and was present on the day of the event to observe and assist SLHS students.
- **Thursday, May 17 – MMANC Women’s Leadership Summit** – Staff attended a leadership summit for women in government at the Richmond Memorial Convention Center. The theme of this year’s event is “Empowering Women to Lead: A Call to Action.”
- **Wednesday, May 16 – Call with Participatory Budgeting Project** – Staff participated on a call with Ashley Brennan and other key staff to brainstorm how to use participatory budgeting as a tool in our community engagement efforts.
- **Monday, May 15 – Real Climate Leadership: How California Can Keep Fossil Fuels in the Ground, and build a Just Transition to 100% Renewable Energy** – Staff attended a panel discussion and visited stakeholder tables. Panel included:
 - Antonia Juhasz ([author, investigative journalist](#))
 - Bill McKibben (author, co-founder of [350.org](#))
 - Pennie Opal Plant ([Idle No More SF Bay](#))
 - Juan Flores (Community Organizer, [Center on Race, Poverty, & the Environment](#))

- Gloria Ushigua Santi (leader of Sápara Indigenous Nation in Ecuador’s Amazon and the President of the [Association of Sápara Women](#))
- **Thursday, May 10 – Call with Our City Forest** – Staff participated on a call with Rhonda Berry to discuss opportunities for future collaboration. Staff learned about the organization’s role in running urban forestry projects in San Jose and native plants nursery.
- **Wednesday, May 9 – GARE Implementation Cohort Meeting** – Staff participated in the cross-agency meeting to begin action planning for the implementation year’s pilot project. Representatives from MTC and BCDC were present and a status report given on the racial equity tool was discussed.
- **Friday, May 4 – Call with Tim Dye** – Staff participated on a call with Tim Dye to discuss the community sensing program at the Air District. Staff discussed the objectives of the low-cost sensing program, brainstormed ideas of air quality expert criteria and reviewed community member feedback of the program.
- **Thursday, May 3 – Meeting with James C. Smith Community Science Grantee Sequoia Foundation** – Staff will visit San Leandro High School to meet with students and provide brief presentation on the Air District and then observe the students collect air quality data using mobile air monitors. Staff will then meet with representatives from Sequoia Foundation and Magnitude.io to discuss the phase two of the their grant.
- **Tuesday, May 1 – San Jose Outreach Meeting** - Staff visited various locations in San Jose to conduct AB 617 outreach for the May 21, 2018 workshop in San Jose.
- **Thursday, April 26 – Multipliers Training** – Staff attended the “multipliers training” to help develop a deeper understanding of how to get more done with fewer resources, develop and attract talent, and cultivate new ideas and energy to drive organizational change and innovation.
- **Tuesday, April 24, CSU East Bay Class presentation** - Staff presented to an environmental health class on issues related to the Air District’s role, overview of Spare the Air program, and careers.
- **Saturday, April 21 – Belmont Earth Day Event** – Staff tabled at the Belmont Earth Day event and provided general information on the Air District and the Spare the Air program.
- **Friday, April 20 – Pittsburg Unified School District Earth Day Celebration and Ground Breaking Ceremony** - Staff attended the event to do outreach for AB 617 and to celebrate all the sustainable accomplishments of the school district: electric buses, breathmobile, solar, wind turbine, water conservation and much more.
- **Friday, April 20 – San Jose State University Visit & Tour** – Staff hosted approximately 15 students from SJSU’s Department of Environmental Science at the Air District office. The students received a presentation on the Air District and toured the meteorology room and air quality lab.

- **Thursday, April 19 – Outreach meeting** - CARB Staff and CEO staff will attend BVHP and local community groups to discuss the Hidden Hazards mapping program.
- **Thursday, April 19 – GARE ½ Day Training for Implementation Cohort** Agenda items for the 1 / 2-day training included: 1. Review your Racial Equity Action Plans (REAPs), and identify areas of continued development. 2. Consider the elements of your REAP that best lend themselves to tracking through measurable indicators. 3. Review the tools your jurisdiction is currently applying to advance racial equity. What evidence of their effectiveness are you able to attribute at this point? Progress on outputs? Outcomes? 4. Identify at least one opportunity to apply lessons from the self-care conversation into the practice of your implementation/core team. (See list of groups generated ideas, attached. It's also in the documents folder for the 2018 CA Implementation groups in the GARE online portal.)
- **Wednesday, April 18 – San Jose Outreach Meeting-** Staff met with Jose Saldana from the California Air Resource Board's Environmental Justice division to discuss outreach strategies in the South Bay region.
- **Wednesday, April 18 – ARB** – Staff met with new CARB Jose Saldana, EJ outreach staff. We met with Brian Beveridge, WOEIP and toured their location. Then we met with several community people in Vallejo.
- **Friday, April 13 – Civic Mornings on Community Engagement-** Staff participated in the Civic Mornings monthly networking and ideas sharing event hosted at the SF Impact Hub. The event centered on participatory budgeting and how local cities and jurisdictions have used this method of engagement to improve communities throughout the U.S.
- **Wednesday, April 11 – Bay Area Regional Health Inequities Initiative** – Staff met with BARHII to discuss their participation at upcoming AB 617 workshops.
- **Monday, April 9 – Informational Interview** – Staff provided an informational interview to a Columbia University MPH student. The student will write a blog based on the interview for Breathe California's website as part of an internship.
- **Tuesday, April 6 – Community Sensing Workgroup Meeting #4** – Staff participated in an internal working group to create a community sensing program at the Air District. The group discussed the objectives of the low-cost sensing program focus, reviewed the findings from the stakeholder interviews and discussed overlap between the low-cost sensing work and the priorities of the Air District.
- **April 4 – 6 – Navigating the American Carbon World Conference** – Staff provided information about the Clean Air Plan “Spare the Air, Cool the Climate” at the annual NACW Conference in San Francisco.
- **Monday, April 2 – New Community Health Protection Officer** – The Community Engagement Team welcomed a new leader. Elizabeth Yura joined the Air District on April 2, 2018 and she will be managing AB 617 coordination efforts and the Community Engagement Team at the Air District. Welcome Elizabeth!

PLANNING AND CLIMATE PROTECTION DIVISION
H. HILKEN, DIRECTOR

Air Quality Planning

Staff continues to implement Assembly Bill 617 (AB 617), the Community Health Protection Program, including holding weekly meetings with co-leads West Oakland Environmental Indicators Project, identifying and contacting steering committee members, collecting data, and preparing maps and draft presentations for public workshops. Staff completed a draft of the Public Process for Determination of Recommended Communities report per AB 617, for submittal to the Air Resources Board. Staff convened West Oakland Technical Assessment Meeting to discuss the air modeling, air monitoring and emissions inventory data to be included in the West Oakland Action Plan. Staff organized and participated in the orientation meetings for the West Oakland Action Plan Steering Committee.

Staff prepared for and convened an Air District Regional Convening on Organics Recovery Strategy meeting event held on June 25, 2018 at the Bay Area Metro Center in San Francisco. The 81 participants included stakeholders from industry, local government, regional and State agencies, and local communities around the Bay Area.

Staff participated in the Caltrans Statewide Conformity Working Group Meeting and the Metropolitan Transportation Commission's Air Quality Conformity Taskforce Meeting.

Staff met with Office of Planning and Research (OPR) staff to discuss OPR's recently released Technical Advisory on Evaluating Transportation Impacts in CEQA and their plans to update their General Plan Guidelines related to greenhouse gases (GHG) to ensure consistency with the Air District's CEQA Thresholds and Guidelines update.

Staff continues work on the development and update of the CEQA Guidelines and Thresholds, including continuing to evaluate existing and new methodologies for developing new thresholds and conducting outreach to interested stakeholders, making edits to the CEQA Guidelines and managing the contract with Ascent Environmental.

Staff responded to questions from and provided data to local government staff and consultants regarding CEQA and CalEEMod model. Staff attended a meeting with Air District staff, and representatives from the City of Vallejo and consultants for the Orcem/Vallejo Marine Terminal project to discuss revisions to the health risk assessment and air quality analysis in the project's Draft Final Environmental Impact Report.

Staff attended the California Air Pollution Control Officers Association (CAPCOA) Planning Managers Committee meeting. Staff attended the CAPCOA land use sub-group focus meeting.

Climate Protection

Climate Protection Grants – Staff completed a call for projects for the \$4.5 million Climate Protection Grant Program, conducted application review and scoring, and recommended 17 projects for funding to the Board of Directors. Nine of these projects will reduce GHG emissions from existing buildings, including single- and multi-family residential buildings, commercial buildings, data centers and community colleges. Additional projects will reduce GHG emissions

through innovative use of renewable energy technologies, reducing short-lived “super-GHG,” addressing the embodied carbon in construction and strategic community engagement.

Diesel Free By '33 – Staff continued to work on the planning, logistics and content development for a day-long event titled *United Cities Against GHGs: Diesel Free by '33*, to be held on September 12th as part of Governor Brown’s Global Climate Action Summit (GCAS). This event will focus on how communities can improve public health and protect the climate by eliminating diesel pollution. Staff secured Golden State Warriors Head Coach Steve Kerr as the keynote speaker for the event. Staff also worked to secure signatories to the associated sign-on pledge, the *Diesel Free By '33 Statement of Purpose* and launched a website for this initiative (<http://dieselfree33.baaqmd.gov/>).

GHG Measurement and Research – Staff used the Air District’s research van and portable measurement instruments to measure methane and other GHGs at various locations, including: a neighborhood in Pittsburg that is downwind of the Keller Canyon Landfill and has experienced many odor complaints; the composting facility at the West Contra Costa Landfill, and marshes close to the waste water treatment plant at the Valero Refinery in Benicia. Staff remotely attended NOAA’s 2018 Earth Science Research Laboratory’s Global Monitoring Annual Conference, focusing on talks on CO₂ and methane emissions in cities.

Other Activities – Staff concluded a contract with KyotoUSA for a study and report on the viability of Community Choice Energy providers offering 100% renewable energy as the community-wide default enrollment option. Staff attended and presented at the U.N. Association’s Bay Area Climate Action Forum, and all-day event attended by multiple stakeholder groups to begin a regional dialogue on setting up processes and prioritizing actions to achieve long-term climate protection goals. Staff attended the “Business of Local Energy Symposium” in Sacramento hosted by the Center for Climate Protection. Staff presented to a meeting of the EV Coordinating Council on the Solar Ordinance Toolkit, providing the Council with an example of a model ordinance project. Staff presented on partnerships with local governments on climate protection activities at the Air and Waste Management Association annual conference.

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

Modeling and Analysis Program

Staff continued with modeling and analyses to support AB 617: (1) applied the Weather Research and Forecasting (WRF) model at 1-km resolution to prepare meteorological inputs to the US EPA’s Community Multiscale Air Quality (CMAQ) model for 2016, (2) tested the CMAQ model with sample air toxics and particulate matter emissions inventories, and (3) evaluated both the quality of emissions estimates and CMAQ’s performance. Staff participated in several AB 617 related conference calls with CARB’s modelers and evaluated simulated data provided by CARB. Staff continued to participate in internal AB 617 workgroup meetings to help identify impacted areas and strategize approaches for modeling and analyses. Staff made progress in adjusting ozone estimates from the MOZART global model based on routine observations to improve regional model boundary conditions. Staff worked with the Administrative and Legal Divisions to finalize a Request for Proposal (RFP) to improve the spatial mapping and allocation of emissions of PM_{2.5} and air toxics. Staff participated in several CARB conference calls regarding the West Oakland emissions inventory and modeling analyses. Staff compared black carbon measurements at the West

Oakland air monitoring station against Google mobile measurements. Staff continued to update model-ready emissions for the October 2017 North Bay wildfire. Staff continued to work with scientists at SJSU and NASA Ames to interpret satellite-based measurements for estimating ground level PM concentrations. Staff continued evaluating District woodsmoke emissions estimates and compared them to CARB estimates. Staff drafted a final report regarding modeling for the California Baseline Ozone Transport Study (CABOTS). Staff participated in the 2018 EPA Regional/State/Local Modeler's Workshop via weblink. Collaborating with staff of the Engineering Division, staff strategized methods for estimating emissions from the refineries' heavy liquid streams.

Community Air Risk Evaluation (CARE)

Staff contributed community descriptions and maps for the April 2018 AB 617 submittal to the California Air Resources Board (CARB) and associated community workshops. Staff reviewed and provided comments on materials for the July 2018 AB 617 submittal to CARB on community prioritization to identify areas where Community Emission Reduction Programs (CERPs) and/or Community Air Monitoring Programs (CAMPs) are recommended for years one through five of AB 617 implementation. Staff attended the West Oakland Collaborative Kick Off Meeting for AB 617. Staff reviewed permit-application files for West Oakland facilities to gather modeling parameters and for a West Oakland CERP. Staff advised CARB on suggested scope and timeline for developing a community-level emissions inventory; for some air districts, CARB will take a lead role in developing these inventories. Staff participated in several conference calls with CARB on issues related to AB 617, including emissions reporting, source apportionment, and the Program Implementation Plan. Staff participated in an internal meeting with Engineering Division to discuss comments on the draft Final Environmental Impact Report for ORCEM/Vallejo Terminal Project and recommended the applicants redo the analysis with more up-to-date methods and a more complete assessment of added mobile sources impacts. Staff completed and posted online a report on a San Francisco study of the effectiveness of indoor air filtration for existing housing, a study jointly conducted by the District, the San Francisco Department of Public Health, and the Lawrence Berkeley National Laboratory. In collaboration with consultant Stamen Design, staff presented a prototype advanced "community inventory" tool to support exploration, dialogue, and improvements for community-scale source and receptor inventories. Staff reviewed and suggested changes to the Regulation 11-18 data requests, form letters and spreadsheets, to be sent out to facilities. Staff attended a mandatory Unconscious Bias Training. Staff participated in several racial equity training (GARE) events and meetings, including a workshop in Oakland, and initiated a GARE project with staff from the Metropolitan Transportation Commission (MTC).

Emissions Inventories

Staff reviewed a draft workshop report for proposed Regulation 13, Rule 1, Significant Methane Releases, and participated in workshop meetings. Staff attended a workshop hosted by the California Air Resources Board (CARB) on a proposed state regulation on emissions reporting of criteria pollutants and toxic air contaminants to support AB 617 and provided comments. Staff participated in CARB's Toxics Hot Spots conference call to discuss proposed amendments to Air Toxic Hot Spots Fee Regulation. Staff participated in the CARB's Emissions Inventory Technical Committee (EITAC) meeting to discuss updated guidance on submitting annual emissions. Staff completed work on annual estimates of major sources for CARB's fee collection process, as required by AB 10X. Staff completed new emissions estimates for on-road motor vehicles using the latest version of the State's on-road emissions model (EMFAC2017). Staff participated in internal meetings on web-based apps developed by the Information Technology team. Staff attended a

conference call debrief on a statewide public opinion poll conducted for natural gas distributors and the Coalition for Clean Air on near-zero versus zero freight transport options. Staff organized and participated in a video call with the Meteorology and Measurements Division, the Google Earth Outreach air quality program manager, and Aclima CEO to discuss the potential for future greenhouse gas (GHG) and criteria pollutant mapping projects using instrumented Google StreetView cars. Staff developed a contract with the Lawrence Berkeley National Laboratory, jointly funded by the Air District and CARB, to develop a “find and fix” measurement system for high emitting heavy-duty diesel vehicles. Staff participated in a conference call, along with other air districts and the National Oceanic and Atmospheric Administration (NOAA) to finalize the 2018 vessel speed reduction (VSR) program. Staff completed several public records requests, including requests from the City of Burlingame and the City of San Francisco Department of Environment for GHG emissions data. Staff organized and attended an agency-wide presentation by landfill expert Eugene Tseng on International Best Management Practices in Solid Waste Management. Staff organized and attended a weeklong training in R/RStudio computer programming to help develop and use emissions inventory tools. Staff participated in a Leadership and Management Skills for Women training seminar offered at the Air District.

RULES AND STRATEGIC POLICY OFFICE
G. NUDD, DEPUTY AIR POLLUTION CONTROL OFFICER

Rule Development

Particulate Matter Rules: Proposed New Regulation 6, Amended Rule 6-1, and New Rule 6-6: 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. These rules will significantly reduce PM emissions that contribute to localized problems and regional PM exposure. Staff proposes an additional new rule addressing trackout from construction sites, Rule 6-6: Prohibition of Trackout.

The Regulation 6 regulatory package was published to the Air District website on April 5th. Staff has received several substantive comments, has revised the proposals. These revisions are under Executive review and staff plans to bring these rules to the Board for consideration at the August 1, 2018 Board Meeting.

Refinery Rules Settlement Agreement Efforts: The Air District entered into a settlement agreement on March 24, 2017 that addresses three rules: Rule 6-5: Particulate Emissions from Refinery Fluidized Catalytic Cracking Units, Rule 8-18: Equipment Leaks, and Rule 11-10: Petroleum Refinery Cooling Towers that were approved on December 16, 2015. The Air District entered into second settlement agreement on March 1, 2018, that addresses two rules: Rule 9-14: Petroleum Coke Calcining Operations, and Rule 12-15: Petroleum Refining Emissions Tracking that were approved on April 20, 2016. These five rules comprise the Air District’s Refinery Strategy. The Settlement Agreements obligate the Air District to propose amendments to Rules 6-5, 8-18, and 11-10 by November 1, 2018, and propose amendments to Rule 12-15 by December 1, 2018. The Air District’s Legal Division recommends conducting an EIR for these rulemaking projects because some of the amendments could be characterized as relaxation of the current rules. There is adequate time to determine emissions impacts, complete amendments, conduct workshops, and develop a Draft Environmental Impact Report (DEIR) for each of the rule projects with the

exception of Rule 8-18. The Air District and the five refineries are currently conducting a “Heavy Liquids Study” to obtain better information on heavy liquid leak rates and to develop appropriate emission factors. The study is expected to reach completion in summer 2018 and the subsequent report is expected by fall 2018. The results of the Heavy Liquids Study impact the amendments required for Rule 12-15 as interim emission factors are currently included in the settlement agreement for Rule 12-15. Amendments to Rule 12-15 will reference final emissions factors for Heavy Liquid fugitive leaks that would be incorporated into the amendments to Rule 8-18.

The lawsuits that challenged these rules were based on these rules being all one project, and therefore the CEQA analysis should have considered these rules as one project. Any DEIR required for amendments to these rules will most likely be structured to consider the amendments to each rule as individual projects. The DEIR will include a cumulative impacts analysis addressing, among other things, the cumulative impacts of all of these three rules. There is not enough time to determine emissions impacts, complete Rule 8-18 and develop a DEIR by November 1, 2018. The cumulative impacts analysis will be updated when Rule 8-18 is proposed for revisions as anticipated in the second half of 2019. Staff is currently developing amendments and DEIR for Rule 6-5, Rule 11-10, and Rule 12-15 and working with litigants to potentially extend the deadline for amendments to Rule 8-18 as needed. As the Heavy Liquid Study and subsequent report near completion, a more realistic completion date for proposed rule amendments and CEQA analysis will be determined.

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

Staff is developing a rule that will improve tracking of organic waste while providing best management practices and control requirements for composting operations. The rule will improve the accuracy of emissions inventory for this source category, strengthen compliance and enforcement to prevent excess emissions and odors, and ensure consistency in permitting of these facilities.

As part of its Methane Emissions Expert Panel Series, initiated in November of 2017, staff met with representatives from state and local agencies, members of the composting and wastewater treatment industry, along with academic researchers to discuss current trends in the fields of composting and anaerobic digestion. It became clear that we were just scratching the surface of these subjects and we made plans to hold additional Expert Panel sessions for Composting and Anaerobic Digestion. Staff held a second Expert Panel on June 14, 2018 titled Composting, Part II to allow facility operators to provide their perspective. Presentation topics included Composting and Air Emissions, Designing and Siting Composting Facilities, and there was a panel discussion on Operating Composting Facilities provided among composting facility operators as well as other panel speakers.

Staff attended Anaerobic Digester Operator training offered by the American Biogas Council in February 2018 and then coordinated with that national organization to provide additional training for Air District Staff at the Metro Center more specific to Air Quality concerns. This second

training was attended by over 30 staff from Engineering, Planning, Rule Development, Compliance & Enforcement and other Divisions. Staff attended Compost Operations training offered by the US Composting Council in March 2018 to evaluate composting methods, best management practices, and to evaluate the USCC certification process. Lessons learned in this training will inform the rule development effort and contacts made will aid outreach and cooperation with the regulated community.

Regional Convening on the Organics Recovery Strategy Staff held a Regional Convening on the Organics Recovery Strategy on June 25, 2018 to provide a holistic examination of the organic material diversion and recovery and the District's efforts to minimize excess emissions from these processes. This meeting provided an early opportunity for feedback into composting rule development efforts. We expect to bring a draft rule and workshop report to the public in a series of workshops held in late Summer or early Fall of 2018.

Rule 13-1: Significant Methane Releases: The Air District is developing a new rule, Regulation 13, Rule 1, to address significant methane releases throughout the Bay Area. This rule would ensure that methane emissions are minimized should a catastrophic failure of equipment result in the release of methane gas on a large scale. Rule 13-1 is the first rule of the Air District's Basin-Wide Methane Strategy. Draft Rule 13-1 would address very large methane releases similar to the Aliso Canyon leak and other smaller (but also significant) methane releases. Draft Rule 13-1 addresses methane releases over 10,000 parts per million (ppm) at any Bay Area source. In order to focus on large methane releases, the draft Rule also includes a provision to exempt low-volume (but high concentration) methane releases; such releases are defined as those that are above 10,000 ppm but with mass emissions below 10 pounds per day.

AB 617 BARCT Schedule Development: Assembly Bill 617 (AB 617), approved July 26, 2017, amends California Health and Safety Code section 40920.6 and requires each air district that is a nonattainment area for one or more air pollutants to adopt an expedited schedule by January 1, 2019 for implementation of best available retrofit control technology (BARCT) by the earliest feasible date, but no later than December 31, 2023. This requirement applies to each industrial source subject to California Greenhouse Gas (GHG) Cap-and-Trade requirements. The schedule must give priority to any sources that have not had emissions limits modified for the greatest period of time. The schedule does not apply to sources that have implemented BARCT since 2007.

The overall purpose of BARCT implementation is to reduce criteria pollutant emissions from significant industrial sources that currently participate in the GHG Cap-and-Trade system. The Cap-and-Trade system is designed to address and limit GHG emissions and allows sources to comply with Cap-and-Trade limits by either reducing emissions at the source or purchasing GHG emission allowances. Emissions of criteria pollutants and toxic air contaminants are often associated with GHG emissions, and these criteria pollutants and toxic air contaminants may impact local communities that are already suffering a disproportionate burden from air pollution.

On May 21, 2018 staff provided the Stationary Source Committee an update on the AB 617 BARCT schedule review and development.

In the development of the BARCT Schedule, staff met with Bay Area refiners on June 6 and June 29 2018 to discuss the potential BARCT Rule development efforts.

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

Summary of Open Grant Funding Programs:

- **Existing Shuttle/Feeder Bus and Regional Ridesharing Services Grant Program** – Up to \$4 million of funding will be available through this Program on a competitive basis to public agencies to support the operation of existing Shuttle/Feeder Bus Services and Regional Ridesharing Services. Applications are being accepted until September 17, 2018. www.baaqmd.gov/shuttles.
- **Residential Wood Smoke Reduction Incentive Program** – Provides funding to eligible homeowners to help offset a portion of the cost to replace older, more highly polluting fireplaces and wood-burning stoves with qualifying cleaner heating devices, including electric heat pumps and natural gas or propane heating stoves and inserts. Funding is also available to help homeowners decommission their existing wood-burning devices. Currently, funding is limited to homes located in [eligible areas](#). www.baaqmd.gov/woodsmokegrant.
- **Vehicle Buyback Program** – The Vehicle Buy Back Program pays Bay Area residents \$1,000 to turn in their operable, registered, vehicle (model years 1996 and older) for scrapping. www.baaqmd.gov/vbb.
- **Community Health Protection Grant Program** – The Air District is offering \$50 million in grant funds to reduce toxic air emissions and ozone-forming pollutants from older, polluting diesel engines through the Community Health Protection Grant Program. For the initial year of this program, the Air District is accepting applications for projects that reduce emissions in communities along the 80/880 freeways from Hayward to Richmond, and from Vallejo to Pittsburg. Community input will play an important role by informing the Air District’s project outreach and project identification processes. Applications are being accepted now and funds will be awarded to owners of eligible equipment and vehicles by June 2019. www.baaqmd.gov/ab617grants.
- **Carl Moyer Program** – More than \$10 million is available for projects to upgrade or replace on-road vehicles, school buses, transit buses, off-road and agricultural equipment, marine equipment, and locomotives. Applications are being accepted on a first-come, first-served basis. www.baaqmd.gov/moyer.
- **Lower-Emission School Bus 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 are being accepted on a first-come, first served basis. www.baaqmd.gov/lesbp.
- **Pilot Trip Reduction Program** – Up to \$7 million is available on a competitive basis for public agencies to pilot new, innovative, and replicable micro-transit and mobility on-demand projects that reduce commute-hour, single occupancy vehicle trips. Funding is limited to projects that are conducted in [Priority Development Areas](#) and Air District designated [highly impacted areas](#). The solicitation for this Program will open this year. www.baaqmd.gov/ptr.

Carl Moyer Program (CMP) & School Bus Program

- CARB and the Air District executed a grant award for \$50 million in AB134 funding for AB617 early action projects under the Air District's new Community Health Protection Grant Program, 4/4.
- Staff submitted an application to CARB requesting \$5 million from their Funding Agricultural Replacement Measures for Emission Reductions (FARMER) Program, 4/11.
- Staff submitted a disbursement request to ARB and received \$7,812,500 from the Community Health Protection Grant Program, 5/15.
- Staff submitted a disbursement request to CARB and received \$1,218,239 in CMP Year 20 project and administrative funds, 5/21. In addition, staff received a \$269,849 disbursement in CMP Year 20 state reserve funding from CARB, 6/1. Staff closed the CMP Year 19 solicitation period and opened the CMP Year 20/School Bus project solicitation, 6/25.
- Staff issued payment of \$260,546 for two CNG Tank Replacements to Oak Grove School District (Santa Clara Co.), 5/1.
- Staff submitted a DERA application to EPA requesting \$1,160,311 for a non-road equipment replacement project with Sims Metal Management, 6/4.
- Air District executed an amendment to the ARB Low-NOx LCFS grant to increase the funding award to \$1,326,075, 6/26.

Meetings attended and/or hosted:

- Participated in a conference call with a contractor regarding potential vehicle to grid electric school bus projects in the Bay Area, 4/3.
- Met with staff from the San Joaquin and Sacramento air districts to discuss potential collaboration opportunities on locomotive projects, 4/3.
- Met with CARB staff to discuss outreach efforts related to on-road trucks operating in the Bay Area, 4/6.
- Met with PG&E staff to discuss common goals for upcoming programs, and ways to collaborate and coordinate between the two agencies, 4/10.
- Participated in the monthly CAPCOA mobile source and grants committee meeting, 4/11.
- Attended the CARB School Bus Fleet Webinar, 4/20.
- Presented an interactive poster session at the Vallejo AB617 Community Workshop, 4/24.
- Participated in a conference call with PG&E staff to discuss inter-agency coordination for electric (EV) school bus projects, 4/25.
- Participated in a conference call with ARB and other air districts regarding the Funding Agricultural Reduction Measures for Emission Reductions (FARMER) program, 4/26.
- Met with CARB staff to discuss the progress of the Air District's CMP implementation, 5/1.
- Attended the ACT Expo in Long Beach, 4/30-5/3.
- Participated in a CAPCOA Grants Committee conference call about the CARB Board's adjustments to Community Air Protection grants implementation, 5/1.
- Attended BAAQMD/MTC/ABAG speaker series on "Airports as Regional Sustainability Hubs," 5/3.
- Met with Yandell Trucking to discuss a potential truck replacement and infrastructure project, 5/10.

- Participated in a conference call with the West Coast Collaborative to discuss the possibility of a coordinated bulk purchase for zero and near-zero emission freight equipment, 5/9.
- Participated in the monthly Port of Oakland Trucker Working Group meeting, 5/14.
- Attended the Alternative Fuel Vehicle Maintenance Garage Training Workshop: Hydrogen & Natural Gas training in Emeryville, 5/15.
- Met with CARB CMP staff to discuss program status, 5/17.
- Participated in a conference call with Caltrans and local air districts to discuss potential grant funding opportunities, 5/24.
- Presented information about 2018-2019 school bus funding opportunities at the EV bus webinar hosted by A-Z Bus Sales for statewide school bus fleet operators, 5/31.
- Participated in a NACAA Mobile Sources and Fuels Committee conference call to discuss a comment letter to EPA regarding heavy-duty diesel engine standards, 5/30.
- Participated in a conference call with the Port of Oakland regarding their application to CARB for Cap & Trade Funds under the zero and near-zero emission freight facility solicitation, 6/5.
- Attended the CARB zero emission ground support equipment webinar, 6/6.
- Attended the CEC School Bus Grant Program webinar, 6/12.
- Attended the CEC application webinar regarding upcoming grant solicitation for zero- and near-zero emissions school bus projects, 6/12.
- Participated in a CAPCOA Grants Committee statewide conference call, 6/13.
- Attended the North Coast AQMD statewide webinar regarding upcoming grant solicitation for school bus projects, 6/13.
- Participated in a conference call to kickoff program coordination between PG&E and TFCA/TIO/State Grants programs, for PG&E's upcoming SB350 and related incentives programs for zero-emissions vehicles and charging infrastructure, 6/14.
- Attended the CARB Clean Transportation webinar, 6/15.
- Attended the Air District AB617 community workshop in San Francisco, 6/20.
- Participated in the AC Transit project opportunity discussion, 6/26.

Goods Movement Program (GMP)

- Staff submitted quarterly reports to EPA for two active DERA grant award for locomotive projects, 4/16.
- Staff submitted GMP semi-annual reports to CARB for active GMP grant awards, 4/23.

Meetings attended and/or hosted:

- Participated in a conference call with CARB staff to finalize amended terms & conditions for the YR5 barge-based emissions capture & control equipment project, 4/5.
- Participated in local agency conference calls with CARB and other air districts, 4/18, 5/16.
- Participated in the CARB ZANZEFF (Zero- and Near Zero-Emission Freight Facilities Project) applicants teleconference, 4/24.
- Participated in a conference call with Richmond Pacific and KLW to discuss the status of locomotive emissions testing and ARB verification, 5/24.

Transportation Fund for Clean Air (TFCA)

- **TFCA Regional Fund:**

- On February 14, 2018, the Air District opened the public comment period for input on the proposed Fiscal Year Ending (FYE) 2019 TFCA Regional Fund Policies and Evaluation Criteria (Policies). The comment period closed on April 9, 2018 and staff received comments from City of Cupertino, Transportation Authority of Marin, Association of Bay Area Governments/ Metropolitan Transportation Commission, Bay Area Rapid Transit District, Town of Los Gatos, and Napa Valley Transportation Authority. The majority of the outreach was conducted during February and March, 2018. During this quarter, staff also teleconferenced with project sponsors of the Existing Shuttle and Ridesharing Program to gather input for the proposed FYE 2019 TFCA Regional Fund Policies and Evaluation Criteria (Policies), 4/2.
- Trip Reduction Programs
 - ***Pilot Trip Reduction Grant Program:*** Staff hosted a panel comprised of transportation experts from MTC, BART, UC Berkeley, and UC Davis to discuss the letters of interest that were submitted during Phase I of the Pilot Trip Reduction Grant Program. Feedback was compiled and sent out to all applicants. Staff are working to develop the program requirements for Phase II of the solicitation.
 - ***Shared Autonomous Vehicle (SAV) Project:*** Staff attended three monthly project stakeholder meetings (4/26, 5/24, 6/14) to discuss progress with the shared autonomous vehicle (SAV) project in Contra Costa and Alameda counties. In addition, staff attended the kickoff/media event for this project at the Dublin/Pleasanton BART Station, 6/22.

- **TFCA County Program Manager (CPM) Fund**

- FYE 2019 funding agreements were sent to all nine counties for the County Program Manager Program, 6/20.
- ***Other meetings attended and/or hosted:***
 - Held a conference call with CPM liaison from Santa Clara County to discuss potential projects for funding, 4/16.
 - Attended two Bay Area County Transportation Agency (Congestion Management Agency) Directors monthly meeting, 4/27 and 6/29.

Other Programs & Special Projects

- **Charge Fast!/Bay Area Corridor Charging Expansion Program**
 - Staff submitted a final reimbursement request and final report to the California Energy Commission for the Charge Fast!/Bay Area Corridor Charging Expansion Program, 4/30.
- **EV Charging Station Demonstration Program**
 - Staff published a white paper on the EV Charging Station Demonstration Program, 5/2.
- **Goodwill Electric Truck Project**
 - Staff held bi-weekly meetings (4/4, 4/18, 5/2, 5/16, 5/30, 6/13, 6/27) with the Goodwill Electric Truck Project team to discuss progress on the project.
- **West Oakland Zero-Emission Grant Program**

- Staff launched the West Oakland Zero-Emission Grant Program on April 4, 2018. Two pre-application webinars were held (4/19, 5/2) to review program requirements, schedule, and application process.
- Staff attended the West Oakland Earth Day Celebration and distributed flyers for the West Oakland Zero-Emission Grant Program, 4/21.
- Round One closed on May 18, 2018. Four applications were received requesting \$1.6M.
- Round Two opened on June 15, 2018. Staff held the first pre-application webinar to review program requirements, schedule, and application process on June 26, 2018. The 2nd and 3rd webinars were held on July 12 and 24, 2018. The solicitation closed on July 31, 2018.
- **Wood Smoke Reduction Incentive Program**
 - Staff launched the Winter 2017/2018 Wood Smoke Reduction Incentive Program on January 16, 2018. A total of \$800,000 is available for residents located in CARE and High Wood Smoke Areas. As of June 26, 2018, a total of 793 applications has been received; 31 projects have been paid and closed out, 300 projects are active and in progress, and 26 applications are under review. In total, \$579,000 in funding has been encumbered. As of June 26, 436 projects have been cancelled or closed either because the applicants requested to withdraw their applications or the applications did not meet the program requirements.
 - **Meetings attended and/or hosted:**
 - Staff teleconferenced with representatives from CAPCOA and other air districts to discuss the process for tracking and evaluating projects for the State's Woodsmoke Reduction Program, 4/23.
- **Zero-Emission Hydrogen Ferry Demonstration Project**
 - CARB executed the grant agreement on May 5, 2018 to award the Air District \$3 million in Greenhouse Gas Emission Reduction Fund (GGRF) funds for a zero-emission hydrogen fuel cell ferry demonstration project. The grant agreement between the Air District and sub-grantee, Golden Gate Zero Emission Marine, Inc., was executed on June 8, 2018.
 - Press releases for the project were issued in coordination with CARB, 6/25.
 - **Meetings attended and/or hosted:**
 - Participated in conference calls with a representative from Golden Gate Zero Emission Marine to discuss the next steps for the zero-emission hydrogen fuel cell ferry demonstration project, 5/17 and 6/5.
 - Hosted the kick-off meeting for the Zero-Emission Hydrogen Fuel Cell Ferry Demonstration Project on June 21, 2018 (18 attendees; 12 in person and 6 via webinar).

Grants Development

- **Volkswagen (VW) Environmental Mitigation Trust Fund**
 - Staff attended conference calls with CARB to discuss allocation and administration of the Volkswagen Environmental Mitigation Trust funding, 4/17 and 5/15.
 - Staff met with MTC staff to discuss the comments on CARB's Proposed Beneficiary Mitigation Plan for the VW Environmental Mitigation Trust, 5/10.
 - Staff testified in support of CARB's proposed VW NOx Mitigation Fund Plan in Sacramento, 5/25.
 - Staff attended a program "kickoff" meeting in Sacramento with representatives from CARB, South Coast, and San Joaquin Valley to discuss the administrative and

programmatic requirements for the ~\$423 million in VW Environmental Mitigation Trust funds that will be administered statewide basis jointly by the three air districts, 6/7.

Meetings attended and/or hosted:

- Attended CARB's monthly conference call on implementation level hydrogen project activities, 4/5.
- Teleconferenced with representatives from US EPA, ARB, and other air districts to discuss strategies for smoke mitigation from wildfires, 4/9.
- Attended a conference call with CARB staff to discuss the history of CARB's commercial harbor craft emissions inventory, 4/12.
- Attended the envirosuite demonstration meeting, 4/17.
- Attended a conference call with PG&E representative to discuss PG&E's participation in the meetings on Port of Oakland's electrification projects, 4/17.
- Attended the TDM working group meeting, 4/19.
- Attended a site visit at the Port of Oakland to learn about the vehicles in the GGRF Truck Deployment Project, 4/27.
- Attended the Caltrans Excellence in Transportation 2017 Award Winners Presentation and accepted the Public Awareness Campaigns award for the 511 Carpool Program, Oakland, 4/30.
- Attended the Advanced Clean Transportation (ACT) Expo in Long Beach, 4/30-5/3.
- Presented an overview of the Air District's grant programs at the NorCal Municipal Equipment Maintenance Association Fleet Day Event, Discovery Bay, 5/16.
- Met a representative from WAVE for an update on its wireless inductive charging technology and its deployment and to discuss potential projects for the Bay Area, 5/30.
- Held a conference call with representatives from Chanje to discuss its zero-emission vehicle technology and potential projects for the Bay Area, 6/1.
- Held a conference call with a representative from Freewire Technologies to discuss potential projects for the Bay Area, 6/1.
- Participated in a meeting with a representative from Beijing Environmental Protection Bureau to share the Air District's experience and discuss future collaboration opportunities, 6/4.
- Attended CARB's monthly conference call to discuss activities related to the implementation of hydrogen fueling infrastructure throughout the State, 6/7.
- Attended a zero-emission electric bus event in Berkeley, 6/20.
- Attended the Expand Your Horizon Talk on autonomous vehicles, hosted by ABAG and MTC, 6/26.
- Attended the 111th Annual Air and Waste Management Association conference in Hartford, CT, 6/25-6/28.

**METEOROLOGY, MEASUREMENT & RULES DIVISION
E. STEVENSON, DIRECTOR**

Air Quality

During the 2nd quarter of 2018, there were no exceedances of the national 8-hour 70 ppb ozone standard. Four Spare the Air Alerts were called (June 22, June 23, June 30, and July 26). On June 22 and 23, 2018 light winds and strong high pressure caused San Francisco to reach the 80s, while inland temperatures were around 100°F. However, strong offshore winds dispersed pollutants,

preventing an exceedance. On June 30, 2018 high pressure and light morning winds caused San Francisco to reach 92°F, while inland temperatures were near 100°F. However, the afternoon sea breeze was stronger than forecast, leading to Good ozone levels. On July 26, 2018 high pressure and light winds caused inland locations to reach the 90s. However, the afternoon sea breeze, combined with good vertical mixing, prevented ozone concentrations from exceeding the federal eight-hour ozone standard.

Air Monitoring

Thirty-two air monitoring sites were operational from April through June 2018. Both the new Napa Valley College site and the Pleasanton Near Roadway site were brought online on April 1, 2018. The old Napa-Jefferson St. site is in the process of being decommissioned.

The Air Monitoring Section has been working with vendors to identify a variety of new technologies that the Air District can deploy to provide better identification of community level exposures and their sources, including a Proton Transfer Reaction Mass Spectrometer (PTR-MS) which is capable of speciating both gas and particle phase pollutants with a high level of sensitivity and discrimination.

The Air Monitoring Section participated in a Technical Systems Audit conducted by the Environmental Protection Agency's Region 9 staff. These audits are mandated by the Code of Federal Regulations to be conducted every three years, and involves a thorough evaluation of the monitoring procedures and locations, data validation, and quality systems that produce regulatory data for NAAQS comparisons.

Performance Evaluation

The Performance Evaluation (PE) Section conducted EPA-mandated performance audits at 26 Air District air monitoring stations, verifying 66 separate parameters during the 2nd Quarter of 2018. The National Air Quality System Database was updated with all audit results.

Ground-Level Monitoring (GLM) audits of Hydrogen Sulfide (H₂S) and Sulfur Dioxide (SO₂) analyzers were conducted at the Shell, Phillips 66 refineries and Phillips Carbon plant. Audits were performed at 10 GLM locations; 15 gas analyzers were tested. All GLM gas analyzers tested met the Air District's performance evaluation (audit) criteria. GLM audits were performed on 4 replacement gas analyzers at Valero Refinery.

PE Section staff assisted Air-Monitoring and Compliance & Enforcement staff in the use of the Hapsite® transportable Gas Chromatograph Mass Spectrometer (GC-MS), including conference calls with the manufacturer. The PE Section has been using the Hapsite® transportable GC-MS in the field to gain experience and proficiency in operating the equipment, and to establish a baseline at Bay Area refineries to aide incident response efforts.

Regular departmental duties continued, including:

- audit report writing
- report reviewing
- informational inquiries
- database management

- equipment testing
- calibration,
- maintenance and repair
- gas cylinder testing

Source Test

The Source Test (ST) Section initiated preliminary evaluation of new measurement technology and several test procedures relevant to AB-617, Regulation 11-18 and emission inventory improvement. ST staff provided support to the Rule Development Section on development new rule language and evaluation of GHG measurement technology. ST staff participated in the GHG Oil & Gas study, attended workgroup meetings (GHG Research, Research Collaboration Project, Organics Recovery, etc.), and is initiating draft revision of the Manual of Procedures Volumes IV and V. Technical support and interpretation continued to be provided to other Air Divisions regarding AB-617 implementation. The ST Section continued to provide ongoing support to Engineering and Compliance & Enforcement on emission data interpretation, permit development and recommendations for further evaluation indicating potential violations.

Efforts to fill vacancies and workload gaps created by retirements proceeded. ST 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.

Laboratory

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

In addition, the laboratory analyzed samples in support of Compliance & Enforcement and Source Test actions and additional sets of samples collected in a multidivisional effort in support of a Rule Development project.

DIVERSITY, EQUITY, AND INCLUSION OFFICE
M. OKPALAUGO, MANAGER

Office of Diversity, Equity & Inclusion (DE&I)

In Quarter 2, 2018, the Office of Diversity, Equity & Inclusion (DE&I) focused on three functional areas; cultural awareness communications & activities, human resource strategies, and the Government Alliance on Race and Equity (GARE) initiatives.

Cultural Awareness Communications & Activities – The DE&I Office continues to provide the content for the diversity section of the Air District’s internal bi-weekly Newsletter. Within the Newsletter information was included regarding heritage month observations and celebrations, such as Asian American/Pacific Islander Heritage Month, LGBTQ Pride Month, Cinco de Mayo, Juneteenth, Eid-al-Fitr (a Muslim holiday), and more. Regarding events and activities, each month several DE&I events occurred in our offices and outside the office within our communities. Events included but were not limited to; Vietnamese Reunification Day with employee discussions (April), Asian American/Pacific Islander Heritage Month included a Lion Dance team and potluck celebration (May), and Air District team participating in our first LGBTQ SF PRIDE Parade (June.)

Human Resource Strategies – The DE&I Office updated its quarterly demographic analysis to assess Air District employment gender and race equity and shared its findings with Human Resources. The DE&I Office created and made available diversity, equity and inclusion best practice tips and pointers and shared this information with all employees in the bi-weekly Newsletters. Specific topics included Leadership Tips that Promote Workplace Inclusion, and Seven Reasons to Ask your Team Questions (for supervisors, managers and above.) In addition, the DE&I Office participated in the Santa Clara University Diversity Job Fair and Career Exposition. At the event our team met prospective job applicants as well as discussed strategies with the University’s Diversity Office to assist their expo program growth. Internally, DE&I Office participated in two Air District job application screenings. Lastly during the 2nd quarter, DE&I coordinated our consultant, Cook Ross to conduct an unconscious bias training session for our executive management team. Feedback was provided to the DE&I Office on the training through an online survey developed for the management team. Based on the success of this training, a mandatory training will occur for all supervisors and managers at a future date.

Government Alliance on Race and Equity (GARE) – The DE&I Office is deeply imbedded and serves as a key decision maker in all planning and actionable items for GARE team. The Office created four areas of work which the GARE team (BAAQMD, MTC, ABAG, BCDC) adopted to address equitable outcomes for all. The areas of work are workforce development, community health, public investment and internal operations. The Air District invited Dwayne Marsh, Vice President for Institutional and Sectoral Change Race Forward & Co-Director of GARE and Leslie Zeitler, CA GARE Project Manager for a half-day session on Advancing Racial Equity with our GARE 40+ member cohort where areas of work were solidified. In addition, the DE&I Office Manager, attended the GARE National Membership conference in Chicago, IL during this quarter. The theme for the conference was Caring for a Growing Movement for Change Nationally. At the conference sessions were attended with jurisdictions from across the country to discuss best practices and action planning.

Sample Communications:

**SUNDAY
JUNE 24,
2018**

Bay Area Air
Quality
Management
District Team

More news to come!

PRIDE PARADE

REGISTRATION

For the first time ever, the Air District will sponsor a team to walk in the PRIDE parade! San Francisco PRIDE is one of the oldest and largest LGBTQ parades in the world. Contingents march through the heart of the city, along Market Street, with more than 100,000 spectators. Over 270 contingents participated in the 2017 parade, making it one of the largest in the history of the event.

If you have any questions, ideas, suggestions or comments on initiatives or efforts, please forward directly to the Air District's Office of Diversity, Equity & Inclusion at diversity@baaqmd.gov



Eid-Al-Fitr Celebration

The Air District recognizes Eid Al-Fitr, an important religious holiday celebrated by Muslims worldwide that marks the end of Ramadan, the Islamic holy month of fasting. The holiday celebrates the conclusion of the 29 or 30 days of dawn-to-sunset fasting during the entire month of Ramadan. The day of Eid, therefore, falls on the first day of the month of Shawwal.

The date for the start of any lunar Hijri (Muslim Calendar) month varies based on the observation of new moon by local religious authorities. This year the local observation for Eid Al-Fitr is on June 15th.



The Air District recognizes Juneteenth, a predominantly African American holiday that commemorates the June 19, 1865, announcement of the abolition of slavery in the U.S. state of Texas, and more generally the emancipation of enslaved African-Americans throughout the former Confederacy of the southern United States.

During the American Civil War, President Abraham Lincoln issued the Emancipation Proclamation on September 22, 1862, with an effective date of January 1, 1863. Word apparently didn't reach Texas until the 1865 Juneteenth date.

DIVERSITY BEST PRACTICES

Periodically, the Office of Diversity, Equity & Inclusion shares best practice information for management and staff. Today's information focuses on effective, inclusive behavior.

Seven Reasons to Ask Your Team Questions

1. **To show respect:** Asking questions demonstrates respect. It lets your team members know they matter and shows that their opinions are valued and appreciated. It builds trust into the relationship. It allows the leader to model teamwork.
2. **To transfer influence on your team:** Asking questions allows the team to influence the leader. It lets them feel understood, which creates more buy-in. When the team feels understood, members are more likely to support the path forward.
3. **To give employees a voice:** Asking questions allows the team to be involved in finding the solution. It allows them to have ownership in the process and the decision.
4. **To learn how people think:** Asking questions is a valuable tool because it allows the leader to learn how each individual team member thinks. It allows the leader to learn which team members are ready and want to lead.
5. **To engage the team in the process:** Asking questions allows the leader to share the responsibility and engage the team. It gets team members involved who may otherwise keep their opinions to themselves. It empowers the team to act instead of being acted upon.
6. **To uncover hidden concerns:** Asking questions allows team members to express concerns that may have otherwise remained unknown. It allows the leader to confirm the facts and minimize the rumors that spread so quickly along the front lines.
7. **To develop a better solution:** Asking questions creates a synergistic environment which allows the leader to think with many minds instead of just one. It helps all team members realize that none of them is as smart as all of them.

Questions? diversity@baaqmd.gov

HISTORY OF FILIPINOS IN THE UNITED STATES

- Filipino sailors were the first Asians in North America.
- The first recorded presence of Filipinos in what is now the United States dates back to October 1527 around Morro Bay, California, with the first permanent settlement in Louisiana in 1763, with mass settlements beginning in the 19th century.
- Philippine independence was recognized by the United States on July 4, 1946.
- The 2015 Census counted 3.4 million Filipino Americans, while the United States Department of State in 2011 estimated the total at 4 million, or 1.1% of the U.S. population, the total at 4 million, or 1.1% of the U.S. population.
- They are the country's second largest self-reported Asian ancestry group after Chinese Americans according to 2013 American Community Survey.
- Unbeknownst to many, Filipinos are the largest Asian American group in California.



STATISTICS			
<u>Administrative Services:</u>		<u>Compliance Assistance and Operations Program:</u>	
<u>Accounting/Purchasing/Comm.</u>		Asbestos Plans Received	1,758
General Checks Issued		Coating and other Petitions Evaluated	5
Purchase Orders Issued	552	Open Burn Notifications Received	208
Checks/Credit Cards Processed		Prescribed Burn Plans Evaluate	4
Contracts Completed	122	Tank/Soil Removal Notifications Received	19
RFP/RFQ	2	Compliance Assistance Inquiries Received	70
		Green Business Reviews	4
<u>Executive Office:</u>		Refinery Flare Notifications	3
Meetings Attended			
Board Meetings Held	4	<u>Compliance Assurance Program:</u>	
Committee Meetings Held	13	Industrial Inspections Conducted	1,904
Advisory Council Meetings Held	0	Gas Station Inspection Conducted	437
Hearing Board Meetings Held	0	Asbestos Inspections Conducted	433
Variances Received	1	Open Burning Inspections Conducted	19
		PERP Inspections Conducted	45
<u>Information Systems:</u>		Mobile Source Inspections	34
New Installation Completed	12	Grant Inspections Conducted	171
PC Upgrades Completed	3		
Service Calls Completed	1,094	<u>Engineering Division:</u>	
		Annual Update Packages Completed	840
<u>Human Resources:</u>		New Applications Received	319
Manager/Employee Consultation (Hrs.)	350	Authorities to Construct Issued	146
Management Projects (Hrs.)	400	Permits to Operate Issued	249
Employee/Benefit Transaction	500	Exemptions	4
Training Sessions Conducted	6	New Facilities Added	109
Applications Processed	149	Registrations (New)	20
Exams Conducted	14	Health Risk Assessments (HRA)	45
New Hires	21		
Promotions	14	<u>Communications and Public Information:</u>	
Payroll Administration (Hrs.)	600	Responses to Media Inquires	
Safety Administration	150	Events Staffed with Air District Booth	445
Inquiries	40,000		39
		<u>Community Engagement:</u>	
<u>Facility/Vehicle:</u>		Presentations Made	
Request for Facility Service	57	Visitors and Air District Tours	45
Vehicle Request(s)/Maintenance	335	Community Meetings Attended	25/2
			44

STATISTICS (continued)			
Compliance and Enforcement Division:		2nd Quarter 2018 Agricultural Burn Days	
Enforcement Program		April - June Permissive Burn Days-North	77
Violations Resulting in Notices of Violations	262	April - June No-Burn Days-North	14
Violations Resulting in Notice to Comply	81	April - June Permissive Burn Days-South	76
New Hearing Board Cases Reviewed	3	April - June No-Burn Days-South	15
Reportable Compliance Activity Investigated	101	April - June Permissive Burn Days-Coastal	64
General Complaints Investigated	756	April - June No Burn Days-Coastal	27
Wood Smoke Complaints Received	35		
Mobile Source Violations	5	Laboratory	
		Sample Analyzed	1,584
Meteorology Measurements & Rules:		Inter-Laboratory Analyses	2
2nd Quarter 2018 Ambient Air Monitoring			
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	0	Technical Library	
Days Exceeding Nat'l 24-Hour PM ₁₀ Std.	0	Titles Indexed/Cataloged	
Days Exceeding State 24-Hour PM ₁₀ Std.	0	Periodicals Received/Routed	
Days Exceeding the Nat'l 8-Hour Ozone Std.	0		
Days Exceeding the State 1-Hour Ozone Std.	0	Source Test	
Days Exceeding the State 8-Hour Ozone Std.	0	Cargo Tank Tests Performed	63
		Total Source Tests	120
Ozone Totals, Year to Date 2018		Pending Source Tests	3
Days Exceeding State 1-Hour Ozone Std.	0	Violation Notices Recommended	20
Days Exceeding Nat'l 8-Hour Ozone Std.	0	Contractor Source Tests Reviewed	4,186
Days Exceeding State 8-Hour Ozone Std.	0	Outside Test Observed	29
		Violation Notices Recommended After Review	3
Particulate Totals, Year to Date 2018			
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	4	Continuous Emissions Monitoring (CEM)	
Days Exceeding Nat'l 24-Hour PM ₁₀ Std.	0		
Days Exceeding State 24-Hour PM _{2.5} Std.	0	Indicated Excess Emission Report Eval.	20
		Monthly CEM Reports Reviewed	16
PM_{2.5} Winter Season Totals for 2017-2018		Indicated Excesses from CEM	11
Days Exceeding Nat'l 24-Hour PM _{2.5} Std.	0	Field Accuracy Test Performed	2
		Ground Level Monitoring (GLM)	
		April - June Ground Level Monitoring SO ₂ Excess Reports	0
		April - June Ground Level Monitoring H ₂ S Excess Reports	13

**These facilities have received one or more Notices of Violations
Report period: April 1, 2018 – June 30, 2018**

Alameda County				
Status				
Date	Site #	Site Name	City	Regulation Title □
04/10/18	A5095	Republic Services Vasco Road, LLC	Livermore	Non-Compliance; Major Facility Review
04/17/18	Z4340	Commercial Site	Pleasanton	Asbestos; Schedule Changes and Updates
04/17/18	Z4079	Condo	Oakland	Asbestos Containing Waste Disposal
04/19/18	Z4339	Gov't Bldg	Dublin	Asbestos; Schedule Changes and Updates
04/20/18	E2611	ASCO Motors	Fremont	No Permit to Operate
04/24/18	Z4362	Government Bldg.	Castro Valley	Asbestos; Schedule Changes and Updates
04/24/18	Z4353	SFD- Garage	Oakland	Asbestos; Written Plan or Notification
05/02/18	Z4281	Royal Gas	Oakland	Failure to Meet Permit Conditions
05/02/18	Z4349	SFD- Structure in Back Yard	Alameda	Asbestos; Written Plan or Notification
05/03/18	A0062	A B & I Foundry	Oakland	Non-Compliance; Major Facility Review
05/07/18	A1438	Tesla, Inc	Fremont	Non-Compliance; Major Facility Review
05/10/18	Z4345	SFD- Garage	Alameda	Asbestos; Schedule Changes and Updates
05/15/18	A2066	Waste Management of Alameda County	Livermore	Non-Compliance; Major Facility Review
05/31/18	Z4523	Regional Wastewater Treatment Facility	Pleasanton	Failure to Meet Permit Conditions
06/05/18	Z4420	Com	Oakland	Asbestos; Schedule Changes and Updates
06/11/18	Z4550	Commercial Building	Fremont	Asbestos; Schedule Changes and Updates
06/13/18	Z4365	Green Petroleum LLC	Livermore	Phase I vapor recovery equipment shall be both leak free and vapor tight
06/20/18	Z4417	SFD	Oakland	Asbestos; Written Plan or Notification
06/21/18	Z4473	SFD	Fremont	Asbestos; Written Plan or Notification
06/25/18	Z4437	SFD	Hayward	Asbestos; Schedule Changes and Updates
06/26/18	B3924	American High School	Fremont	Asbestos; Schedule Changes and Updates
06/28/18	A0062	A B & I Foundry	Oakland	Non-Compliance; Major Facility Review
06/28/18	A8996	Alameda County GSA	Dublin	Initial Demonstration of Compliance
06/28/18	A8996	Alameda County GSA	Dublin	Periodic Testing
Contra Costa County				
Status				
Date	Site #	Site Name	City	Regulation Title □
04/10/18	Z4341	COM	Pinole	Improper Demolition, Renovation and Removal
04/10/18	Z4341	COM	Pinole	Waste Disposal Procedures
04/10/18	A0011	Shell Martinez Refinery	Martinez	Standards for New Stationary Sources
04/10/18	Z4459	CND	Walnut Creek	Asbestos; Schedule Changes and Updates
04/12/18	Z4269	All Star Gasoline	Concord	GDF Phase II Equipment Not Maintained
04/12/18	Z4269	All Star Gasoline	Concord	GDF Phase II Requirement: Hold Open Latch
04/17/18	B1956	Equilon Enterprises LLC	Martinez	Vapor Leak Requirement
04/18/18	A0010	Chevron Products Company	Richmond	Inaccessible valves and pressure relief devices shall be inspected at least once a year
04/18/18	A0010	Chevron Products Company	Richmond	Vessel Monitoring
04/18/18	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
04/19/18	Z4348	SFD	Walnut Creek	Asbestos; Containment Requirement
04/20/18	B1866	Los Medanos Energy Center	Pittsburg	Continuous Emission Monitoring and Recordkeeping
04/23/18	Z4262	Brentwood Gas + More	Brentwood	GDF Phase II Equipment Not Maintained
04/23/18	Z4348	SFD	Walnut Creek	Asbestos; Written Plan or Notification
04/24/18	A0907	Central Contra Costa Sanitary District	Martinez	Non-Compliance; Major Facility Review
04/25/18	A0031	Dow Chemical Company	Pittsburg	Non-Compliance; Major Facility Review
04/25/18	A0031	Dow Chemical Company	Pittsburg	Standards for New Stationary Sources
05/01/18	A0706	New NGC, Inc	Richmond	Excessive Visible Emissions
05/02/18	A0011	Shell Martinez Refinery	Martinez	Non-Compliance; Major Facility Review
05/07/18	B8143	Gateway Generating Station	Antioch	Non-Compliance; Major Facility Review
05/08/18	Z4539	MFD	Pleasant Hill	Asbestos; Containment Requirement

These facilities have received one or more Notices of Violations
Report period: April 1, 2018 – June 30, 2018
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Contra Costa County Continued				
Status Date	Site #	Site Name	City	Regulation Title □
05/10/18	A0022	Phillips 66 Carbon Plant	Rodeo	Non-Compliance; Major Facility Review
05/14/18	Z4213	SFD	Walnut Creek	Asbestos; Written Plan or Notification
05/15/18	B2870	Shell Chemical LP	Martinez	Not Gas Tight
05/17/18	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
05/17/18	A0010	Chevron Products Company	Richmond	No Authority to Construct
05/21/18	A1840	West Contra Costa County Landfill	Richmond	Prohibition of Fires: No Ignition
05/21/18	Z4344	Rossmoor MFD	Walnut Creek	Asbestos; Written Plan or Notification
05/22/18	Z4452	GOV	Richmond	Asbestos; Written Plan or Notification
06/01/18	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Emission Limitations for Sulfuric Acid Plants
06/07/18	A0022	Phillips 66 Carbon Plant	Rodeo	Non-Compliance; Major Facility Review
06/14/18	A0011	Shell Martinez Refinery	Martinez	Emission Limitations for Sulfur Recovery Plants
06/19/18	Z4346	Top Food and Gas	San Pablo	GDF Standard Phase I Requirements
06/19/18	Z4346	Top Food and Gas	San Pablo	All Phase II vapor recovery equipment shall be both leak free and vapor tight
06/19/18	Z4409	Commercial	San Ramon	Asbestos; Written Plan or Notification
06/20/18	B7667	Ameresco Keller Canyon LLC	Pittsburg	Parametric Monitoring and Recordkeeping Procedure
06/20/18	B7667	Ameresco Keller Canyon LLC	Pittsburg	Non-Compliance; Major Facility Review
06/25/18	Z4533	SFD	Walnut Creek	Asbestos Containing Waste Disposal
06/26/18	S3093	Salesian High School	Richmond	Asbestos; Schedule Changes and Updates
06/26/18	Z4462	Gas City	Antioch	Failure to Meet Permit Conditions
06/26/18	Z4462	Gas City	Antioch	GDF Phase II Requirement: Posting of Operating Instructions
06/26/18	V4180	Unocal #2705704	Pittsburg	Failure to Meet Permit Conditions
06/27/18	Z4465	Pittsburg Shell	Pittsburg	GDF Standard Phase II CARB Certified Requirement
06/28/18	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Emission Limitations for Sulfur Recovery Plants
06/28/18	Z4461	Harbour Way Mini Mart	Richmond	Failure to Meet Permit Conditions
06/28/18	Z4461	Harbour Way Mini Mart	Richmond	manufacturer's specification
06/29/18	X3816	Mt Diablo Unified SD	Walnut Creek	Asbestos; Written Plan or Notification
06/29/18	X3816	Mt Diablo Unified SD	Walnut Creek	Demolition, Renovation, and Removal Requirements
06/29/18	Z4265	NK Gas	Antioch	GDF Phase II Equipment Not Maintained
06/29/18	Z4265	NK Gas	Antioch	manufacturer's specification
Marin				
Status Date	Site #	Site Name	City	Regulation Title □
06/18/18	Z4399	Safeway #2828	Novato	GDF Phase I Equipment Not Maintained
06/25/18	Z4439	SFD	San Anselmo	Asbestos; Written Plan or Notification
06/27/18	Z4466	Skywalker Properties	Nicasio	Failure to Meet Permit Conditions
06/29/18	Z4467	Novato Builders Supply	Novato	GDF Standard Phase I CARB Certified Requirement
Napa County				
Status Date	Site #	Site Name	City	Regulation Title □
06/12/18	B1900	Napa Jet Center	Napa	Failure to Meet Permit Conditions
06/12/18	B1900	Napa Jet Center	Napa	GDF Phase I Requirement
06/12/18	Z4536	Cal Fire	Napa	Failure to Meet Permit Conditions
06/20/18	Z4418	Redwood Auto Service 76	Napa	GDF Phase II Equipment Not Maintained
06/27/18	Z4470	Flyers	Napa	Failure to Meet Permit Conditions
06/27/18	C0359	Napa Valley Country Club	Napa	Failure to Meet Permit Conditions

These facilities have received one or more Notices of Violations
Report period: April 1, 2018 – June 30, 2018
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San Francisco County				
Status				
Date	Site #	Site Name	City	Regulation Title □
04/24/18	Z4350	Jose Defaria	San Francisco	Asbestos; Containment Requirement
04/24/18	Z4350	Jose Defaria	San Francisco	Demolition, Renovation, and Removal Requirement
04/24/18	Z4350	Jose Defaria	San Francisco	Asbestos; On-Site Representative
04/24/18	Z4350	Jose Defaria	San Francisco	Asbestos Containing Waste Disposal
04/24/18	Z4350	Jose Defaria	San Francisco	Asbestos; Written Plan or Notification
05/03/18	Z4388	Gov	San Francisco	Asbestos; Schedule Changes and Updates
05/03/18	Z4390	Com	San Francisco	Asbestos; Schedule Changes and Updates
05/14/18	Z4524	SFD	San Francisco	Asbestos; Written Plan or Notification
05/14/18	Z4524	SFD	San Francisco	Asbestos; Containment Requirement
05/14/18	Z4393	Com	San Francisco	Asbestos; Schedule Changes and Updates
06/15/18	R9164	SFUSD	San Francisco	Asbestos; Schedule Changes and Updates
06/20/18	Z4012	MFD	San Francisco	Asbestos; Written Plan or Notification
06/20/18	Z4012	MFD	San Francisco	Demolition, Renovation, and Removal Requirement
06/26/18	B2124	Central Concrete Supply Inc	San Francisco	Failure to Meet Permit Conditions
06/28/18	Z4425	SFD	San Francisco	Asbestos; Written Plan or Notification
06/28/18	Z4474	Commercial	San Francisco	Asbestos; Schedule Changes and Updates
San Mateo County				
Status				
Date	Site #	Site Name	City	Regulation Title □
04/11/18	A4021	SFPP, LP	Brisbane	Gasoline Cargo Tank Requirements
04/24/18	Z4374	SFD	Daly City	Improper Demolition, Renovation and Removal
04/24/18	Z4374	SFD	Daly City	Waste Disposal Procedures
04/24/18	Z4377	SFD	Daly City	Asbestos; Written Plan or Notification
06/01/18	Z4504	SFD	San Bruno	Asbestos; Schedule Changes and Updates
06/06/18	E0267	Gimbal's Fine Candies Inc	South San Francisco	Failure to Meet Permit Conditions
06/21/18	Z4463	SFD	Pacifica	Asbestos; Schedule Changes and Updates
Santa Clara County				
Status				
Date	Site #	Site Name	City	Regulation Title
04/03/18	Z4100	COM	San Jose	Asbestos Waste Disposal
04/17/18	Z4352	SFD	Los Altos Hills	Asbestos Containing Waste Disposal
05/31/18	Z4326	Center- line Construction Inc.	Palo Alto	Asbestos; Schedule Changes and Updates
06/15/18	Z4507	SFD	Sunnyvale	Asbestos; Schedule Changes and Updates
06/15/18	G5607	MORRILL MIDDLE SCHOOL	San Jose	Asbestos; Schedule Changes and Updates
06/21/18	A3909	Singleton Road Landfill	San Jose	Annual Reporting
06/21/18	A3909	Singleton Road Landfill	San Jose	California Code of Regulations
06/28/18	Z4476	SFD	Morgan Hill	Asbestos Containing Waste Disposal

These facilities have received one or more Notices of Violations
Report period: April 1, 2018 – June 30, 2018
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Solano County				
Status				
Date	Site #	Site Name	City	Regulation Title
05/24/18	Z4455	SFD	Vallejo	Asbestos Containing Waste Disposal
05/30/18	Z4535	Fairgrounds Gas Station	Vallejo	Failure to Meet Permit Conditions
06/19/18	Z4404	Gov	Vallejo	Asbestos; Schedule Changes and Updates
06/19/18	Z4410	Exxon	Vallejo	No Authority to Construct
06/19/18	Z4410	Exxon	Vallejo	No Permit to Operate
06/19/18	Z4410	Exxon	Vallejo	GDF Phase I Requirement
06/28/18	Z4456	W Texas Valero	Fairfield	Failure to Meet Permit Conditions
Sonoma County				
Status				
Date	Site #	Site Name	City	Regulation Title
04/12/18	Z4364	Jeff Moseley	Santa Rosa	Prohibition of Fires: Violation of Smoke Management Plan
04/24/18	Z4403	Mayacama Golf Club	Santa Rosa	Failure to Meet Permit Conditions
05/02/18	Z4321	Joseph Maloney	Sebastopol	Open Burning; Prohibition of Fires
06/06/18	Z4488	Demo	Petaluma	Asbestos; Schedule Changes and Updates
06/14/18	Z4385	Oak Mont	Santa Rosa	GDF Phase I Requirement
06/14/18	Z4385	Oak Mont	Santa Rosa	GDF Recordkeeping Requirement
06/20/18	Z4419	CA Dept of Forestry	Santa Rosa	Failure to Meet Permit Conditions

**Closed Notice of Violations with Penalties by County
April 1, 2018 – June 30, 2018**

Alameda

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Alta Bates Summit Medical Center	A7780	Oakland	\$1,500	1
American Technologies	L3951	Hayward	\$1,000	1
Bernal Arco	Z3882	Pleasanton	\$500	1
Bridgeway Service	M5683	Berkeley	\$250	1
Carmax	Z4044	Fremont	\$1,500	1
Castlewood Country Club	Z2569	Pleasanton	\$2,000	2
Department of Transportation	Z3853	Oakland	\$500	1
Environmental Remedies	Q5007	Hayward	\$750	1
ERI	Y6209	Hayward	\$500	1
FDM Construction	Z1060	Hayward	\$500	1
Hadad Petroleum	Y7955	Fremont	\$1,000	2
Jabil 4050 Technology	E0197	Fremont	\$1,000	1
Martinez Carwash	Z3870	Fremont	\$500	1
P.W. Stephens Environmental, Inc.	Y5159	Fremont	\$750	1
RB Construction Inc	Z3999	Fremont	\$500	1
Restoration Management Company	R2288	Hayward	\$1,000	2
Spectrum Lithograph	B7206	Fremont	\$2,500	3
Synergy Enterprises	Z3916	Hayward	\$750	1
Synergy Enterprises	L3268	Hayward	\$2,500	1
Synergy Enterprises Inc.	Z3988	Hayward	\$500	1
Westco Gas Inc. / Silver Gas	Z4030	Oakland	\$1,000	2

Total Violations Closed: 27

Closed Notice of Violations with Penalties by County
April 1, 2018 – June 30, 2018
(continued)

Contra Costa

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Air Liquide Large Industries US LP	B7419	Rodeo	\$16,000	2
Branaga Development	Z4000	Lafayette	\$500	1
Chevron Avon Terminal	A0091	Martinez	\$1,000	1
Chevron Products Company	A0010	Richmond	\$170,000	33
County Quarry Products, Inc	A3153	Martinez	\$1,000	1
Criterion Catalysts Company LP	A0227	Pittsburg	\$13,000	4
Franklin Canyon Golf Course	Z4034	Hercules	\$2,500	1
Grand Petroleum Inc.	Z4381	Concord	\$500	1
Joe's Liquor & Food	Z3824	Antioch	\$2,750	4
KAG West	Y8346	Richmond	\$2,500	1
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	\$99,400	12
Rossmoor Golf Course	Z1908	Walnut Creek	\$1,500	1
Safe Engineering Construction	Z1768	Lafayette	\$250	1
Salkhi Petroleum	Z4042	El Cerrito	\$500	2
SFPP, L P	A4022	Concord	\$18,000	1
West Contra Costa County Landfill	A1840	Richmond	\$23,000	16

Total Violations Closed: 82

Marin

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Cagwin and Dorward	Z2835	Novato	\$1,000	1
Express- Chevron	Y8133	San Rafael	\$2,000	2
Marin Coffee Roasters	E2434	Novato	\$1,000	1
North Bay Gas	X1332	Fairfax	\$750	2
Novato Sanitary District	A1275	Novato	\$4,000	3
Petroleum Sales Inc.	Z1538	San Rafael	\$1,500	1
Salkhi Petroleum	Z3898	Novato	\$500	2
Signature Painting & Construction	Z3476	Novato	\$2,000	2
Wardrobe Cleaners	Z4333	Novato	\$250	1

Total Violations Closed: 15

Closed Notice of Violations with Penalties by County
April 1, 2018 – June 30, 2018
(continued)

Napa

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Bayview Vineyards	K4557	Napa	\$1,500	1
Regusci Vineyard Management	S1424	Napa	\$1,000	1
Turley Wine Cellars	Y6953	Saint Helena	\$750	1
Yo el Rey Roasting	E3583	Calistoga	\$350	2

Total Violations Closed: 5

San Francisco

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Chestnut Street Cleaners	A2942	San Francisco	\$750	1
CPM Environmental, Inc	U6147	San Francisco	\$250	1
Hilton San Francisco Financial District	E1568	San Francisco	\$150,000	3
Potrero Shell	Z4170	San Francisco	\$250	1
San Francisco Public Utilities Commission	A4116	San Francisco	\$1,250	1

Total Violations Closed: 7

San Mateo

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Broadway Auto Service (Beacon)	Z1569	Redwood City	\$4,000	2
JAB Construction	Y3536	Burlingame	\$4,000	4
James Hogan	Y4913	Half Moon Bay	\$250	1
Kuality Constructions	Z0121	Foster City	\$500	1
San Mateo Auto Services	Y4157	San Mateo	\$500	3
San Mateo Gas Co	Y3092	San Mateo	\$750	1
SFPP, LP	A4021	Brisbane	\$52,500	4

Total Violations Closed: 16

Closed Notice of Violations with Penalties by County
April 1, 2018 – June 30, 2018
(continued)

Santa Clara

Site Name	Site #	City	Penalty Amount	# of Violations Closed
1525 Comstock C/O Digital Realty Trust	B9293	Santa Clara	\$6,000	1
Alliance Environmental, Inc.	Z3847	San Jose	\$1,500	1
Apple, Inc	B8604	Cupertino	\$3,000	1
Arco #7084	Y9199	Sunnyvale	\$1,000	1
AXIS HOA	Z3980	San Jose	\$100	1
Cal Gas & Diesel	Z2347	San Jose	\$1,500	1
City of Santa Clara	A0621	Santa Clara	\$3,500	1
Clean Harbors San Jose, LLC	B1925	San Jose	\$3,000	1
Google, Inc	B5103	Sunnyvale	\$1,000	1
Kavanagh Construction Co - Mountain View 1132	Y0356	Mountain View	\$250	1
Lehigh Southwest Cement Company	A0017	Cupertino	\$21,000	3
North Capitol Ave Valero	X3377	San Jose	\$875	1
Proto Paint	A9209	Santa Clara	\$600	3
Rebuild Green	V0408	Palo Alto	\$500	1
S J Valley Plating Inc	A5079	Santa Clara	\$4,000	2
Sunnyvale Car Wash	Z0252	Sunnyvale	\$500	2
Sunnyvale Shell Car Wash	Z3883	Sunnyvale	\$1,500	1
The Institute LLC	Z2868	Morgan Hill	\$2,500	1
The Ranch Golf Club	Z3806	San Jose	\$500	1
Western States Oil	Z3811	San Jose	\$1,000	1
Wolf Finishing	B6614	San Jose	\$500	1

Total Violations Closed: 27

Closed Notice of Violations with Penalties by County
April 1, 2018 – June 30, 2018
(continued)

Solano

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Bonfare Markets	Z1478	Vallejo	\$3,500	1
Cal Inc	W5643	Vacaville	\$1,500	1
Chevron, Vallejo Fuels, Inc.	Y3047	Vallejo	\$4,000	5
City of Petaluma	Z0459	Petaluma	\$2,000	1
Pacific Gas & Electric Company	Y8923	Vallejo	\$500	1
Restoration Management Company	Z3893	Benicia	\$500	1
Restoration Management Company	Z3868	Benicia	\$500	1

Total Violations Closed: 11

Sonoma

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Advanced Growth Initiative, Inc	Z4107	Petaluma	\$500	1
City of Santa Rosa	Z2639	Santa Rosa	\$1,500	2
Gold Ridge Fire Protection District	F5932	Sebastopol	\$500	1
NBT Pacific Pride	Y6025	Santa Rosa	\$2,000	1
Republic Services of Sonoma County, Inc	A2254	Petaluma	\$19,900	2
Santa Rosa Grand Petroleum	Z2356	Petaluma	\$1,750	2
Santa Rosa Grand Petroleum Inc	W1056	Petaluma	\$1,500	1
United Rentals	Z3995	Santa Rosa	\$3,000	2
Gold Ridge Fire District	Z4013	Sebastopol	\$500	1
Neve Brothers Nursery	Z3093	Petaluma	\$1,000	1
Paramesh Adhikari	Z2812	Cotati	\$750	1
Safari West	Y6903	Santa Rosa	\$1,000	2
Sonoma Valley Air	Z3993	Sonoma	\$1,500	1
USCG Training Center	Z2867	Petaluma	\$1,500	2

Total Violations Closed: 20

District Wide

Site Name	Site #	City	Penalty Amount	# of Violations Closed
Costco Gasoline	Z3881	Seattle	\$1,000	1
P.W. Stephens Environmental Inc. - V8638	Y5917	Fresno	\$2,500	1

Total Violations Closed: 2

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
NMVOC	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
QEWC	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 David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Notice of Proposed Amendments to the Administrative Code, Division 1, Operating
Policies and Procedures, Section 1, Board of Directors Meetings, Division I: New
Section 1.6, Adoption of Resolutions

RECOMMENDED ACTION

The Board will consider proposed amendments to the Air District's Administrative Code, Division I: Operating Policies and Procedures, Section 1, Board of Directors Meetings, New Section 1.6 Adoption of Resolutions.

BACKGROUND

Over the past few years, several resolutions have been considered by the Board of Directors, but it has not always been clear to the Board members who authored the resolution language. As a result, concerns have been raised about the process by which resolutions are drafted and amended. Accordingly, staff was directed to propose an amendment to the Air District's Administrative Code to clarify the process for proposal of resolutions and amendments. The attached language for new Section 1.6, Adoption of Resolutions was discussed and approved by the Executive Committee of the Board of Directors at its July 23, 2018, meeting.

DISCUSSION

Administrative Code Section 14.1, Amendments Mechanism, requires the noticing of proposed amendments at a preceding meeting of the Board of Directors before adoption can take place.

The proposed amendments to the Administrative Code are attached for your review and consideration.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Brian C. Bunger

Attachment 8A: Proposed Administrative Code Amendment

PROPOSED ADMINISTRATIVE CODE AMENDMENT

SECTION 1 BOARD OF DIRECTORS, MEETINGS

[New] 1.6 ADOPTION OF RESOLUTIONS.

When a resolution is necessary or appropriate to document an action of the Board of Directors, such as when adopting a rule or regulation, or establishing a Board of Directors policy related to Air District governance, staff shall prepare a draft resolution and shall include that draft with supporting materials in the agenda for the meeting at which the action is to be taken. If a member of the Board wishes to amend the draft resolution or introduce a different resolution, that member shall introduce such resolution or amendment at the appropriate time by motion in the course of the related hearing. Any such amendment or different resolution requires a second and the affirmative vote of the Board to consider the resolution. In order to provide opportunity for notice and public comment, the adoption of any such amended or different resolution shall be taken up at a subsequent meeting of the Board of Directors and shall require the affirmative vote of a majority of the Board.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Authorization to Execute Contracts and Accept Funding to Conduct Aircraft-Based
Wind Measurements in a Cooperative Project to Assess Methane Emissions from
Sources within Bay Area Facilities

RECOMMENDED ACTION

Recommend the Board of Directors:

- 1) Authorize the Executive Officer/APCO to execute a contract with Sigma Space Corporation in an amount not to exceed \$184,870 for airplane-based Light Detection and Ranging (LiDAR) wind measurements, in which NASA will derive methane emissions from sources within Bay Area industrial facilities; and
- 2) Authorize the Executive Officer/APCO to execute a budget transfer contract to receive \$92,417 from the California Air Resources Board (CARB) as reimbursement to the Air District toward the Contract with Sigma Space Corporation.

BACKGROUND

Accurately quantifying the levels of methane emissions from Bay Area's industrial facilities is critical to developing effective methane regulations, a key part of the Bay Area's near-term greenhouse gas reduction strategies. Unfortunately, a significant fraction of methane emissions comes from leaks or non-routine releases that are difficult to quantify using standard source-testing techniques and current methane inventories are known to underreport methane emissions. To find ways to better quantify methane emissions, new studies are underway in California and around the world.

Recently, the California Energy Commission and CARB funded NASA's Jet Propulsion Laboratory (JPL) to conduct a California Methane Survey, a remote sensing study of methane releases conducted via aircraft. That study successfully detected many plumes of methane from within California industrial facilities, including facilities in the Bay Area. However, during the California Methane Survey, NASA's ability to develop reliable methane emissions estimates was limited by a lack of measured wind information.

To address this shortcoming, NASA's JPL has secured \$250,000 from NASA Headquarters to perform a follow-up survey. This time, the Air District and CARB plan to co-sponsor an airborne campaign in Fall 2018 where real-time winds will be measured from an aircraft outfitted with a state-of-the-art wind LiDAR. In Fall 2018, the LiDAR aircraft will fly in tandem with a NASA/JPL's infrared spectrometer aircraft. The simultaneous wind observations are expected to significantly improve the accuracy of estimated methane emission rates generated in the post-processing of NASA's methane imagery.

This proposed effort will prototype a system designed to quantify methane emissions from known sources at a sub-facility scale in the San Francisco Bay Area, which will benefit the Air District's emissions inventory and rule-development efforts.

This study involves:

- a) 40 flight hours by NASA/JPL to remotely measure methane from a controlled release experiment and then from sources within several Bay Area facilities; and
- b) 14-20 flight hours (including contingency hours) of airborne wind LiDAR observations, coincident with the NASA/JPL methane flights, and post-flight data analysis; and
- c) integration of the wind and methane imagery data and reporting of results from controlled release experiments and survey flights.

Costs for parts a) and c) above are covered by the \$250,000 sponsorship from NASA Headquarters. Cost for part b) will be covered by a \$184,870 contract between the Air District and Sigma Space Corporation. Through a contract between the Air District and CARB, CARB will contribute \$92,417 towards this project, thereby reducing the Air District's net contribution to \$92,453. The CARB funds will cover reimbursement of project expenses related to post-flight data processing and analysis tasks performed by Sigma Space Corporation. Air District funds will cover the flight planning and hours, instrument operation, and data collection tasks.

BUDGET CONSIDERATION/FINANCIAL IMPACT

The Air District funds needed for this cooperative project initially total \$184,870 to be allocated via a contract with Sigma Space Corporation. Of this total, \$92,417 will be refunded to the Air District through a separate contract with the California Air Resources Board. Upon completion of both contracts, the sum cost to the Air District will be \$92,453.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Abhinav Guha and Phil Martien
Reviewed by: Greg Nudd

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
 Memorandum

To: Chairperson David Hudson and Members
 of the Board of Directors

From: Jack P. Broadbent,
 Executive Officer/APCO

Date: August 22, 2018

Re: Authorization to Execute Contract Amendments for Production System Office

RECOMMENDED ACTION

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

Vendor	Amount	Service Description
Cylogy, Inc.	\$226,063	Backend website content management system integration, customization and infrastructure support.
Malinda Lai	\$13,117	Website content management and infrastructure support.
C&G Technology Services, Inc.	\$183,538	Software testing services for the permitting and compliance systems software.
Clearsparc, Inc.	\$405,146	Software architecture, design, development, build and release management services.
ITDependz, Inc.	\$110,152	Business analysis, user experience, automated testing and quality assurance services related to the implementation of Production System and registration software.
Trinity Technology Group, Inc.	\$52,834	Legacy data management and transfer services. Business analysis, database rules and logic implementation.
TOTAL	\$990,851	

BACKGROUND

Air District staff is recommending contract amendments for existing vendors assisting with software development and website management support to meet 2018 calendar year end goals.

DISCUSSION

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

To continue supporting the Air District's evolving business requirements, staff plans to focus on the following activities for the remainder of the 2018 calendar year:

- Expansion of website language translation
- Development of website resources for AB 617 communities
- Restructure of Current Rules website resources
- Extension of analytics in the website content management system
- Module expansions for the Permitting and Compliance System including:
 - Automated extract of the California Emission Inventory Development and Reporting System (CEIDARS) data.
 - Payment processing system upgrade to support electronic checks to encourage online transactions.
 - Enforcement Actions
 - Legal Reporting

Staff recommends the continued use of vendors proven familiar with the production system office for the remainder of the 2018 calendar year. The Air District has successfully collaborated with Cylogy and Malinda Lai in the design, development and testing of the language translation system and website content management system in prior engagements. The Air District has also successfully collaborated with C&G Technology Services, Clearsparc, Inc., ITDependz, and Trinity Technology Group, Inc. in prior design, software development and quality assurance engagements.

Vendor	Type of Services	Initial Contract	Procurement Method
Cylogy, Inc.	Backend website content management system integration, customization and infrastructure support.	<u>Fiscal Year Ending (FYE) 2013*</u>	Request for Proposal (RFP) rebid in FYE 2014. One of four firms to respond that had appropriate staff, expertise, and availability to perform the required scope of work.
Malinda Lai	Website content management system and infrastructure support.	<u>FYE 2006</u>	Procurement occurred prior to the tenure of the web current team.
C&G Technology Services, Inc.	Software design and testing services for the permitting and compliance system.	<u>FYE 2013*</u>	Selected the firm and resources through an informal bid process.
Clearsparc, Inc.	Software architecture, design, development, build and release management services	<u>FYE 2015*</u>	Request for Qualifications (RFQ). One of three firms to respond. Had staff expertise and availability to perform the required scope of work.
ITDependz, Inc.	Business analysis, software development, automated testing and quality assurance services for permitting and compliance systems software.	<u>FYE 2012*</u>	Selected the firm and resources through an informal bid process.
Trinity Technology Group, Inc.	Legacy data management and transfer services. Business analysis, database rules and logic implementation.	<u>FYE 2015*</u>	New Request for Qualifications (RFQ) was done in FYE 2018.
* Contractors requalified through December 2017 Request for Qualification process.			

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for the vendor contract recommendations is included in 309 and 125 program budgets for the FYE 2019.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Blair Adams
Reviewed by: Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Authorization to Enter into a Supplemental Environmental Project (SEP) Agreement
and Accept \$2 million in New SEP Funds

RECOMMENDED ACTION

Recommend the Board of Directors:

- 1) Approve the Air District to enter into an SEP agreement; and
- 2) Accept \$2 million in SEP funds for the purposes of implementing the project entitled: "Installation of Air Filtration Systems in Sensitive Receptor Facilities in Bay Area CARE Communities."

BACKGROUND

The California Air Resources Board (CARB) has an SEP Policy which allows community-based projects to be funded from a portion of the penalties received during settlement of enforcement actions. SEPs can improve public health, reduce pollution, increase environmental compliance, and bring public awareness to neighborhoods most burdened by environmental harm. CARB has a policy for allowing a SEP to be used in lieu of a portion of a penalty payment to mitigate the effects of a particular violation.

A SEP must meet the following criteria in order to be eligible for funding:

- Furthers CARB's purpose of cleaning up the air by:
 - a) reducing the risk burden posed to public health,
 - b) preventing future air quality problems beyond those addressed in current air quality programs, or
 - c) improving the environment.
- Has a nexus to the violation either through location (i.e., the SEP furthers CARB's purpose of cleaning up the air in the specific community where the violation occurred) or through pollutant (i.e., the SEP furthers CARB's purpose of cleaning up the air by addressing the pollutants involved in the violation),
- Does not benefit the violator,
- Goes beyond regulatory requirements that are imposed by a federal, state, or local entity, and
- Demonstrates that the proposal is technically, economically and legally feasible.

CARB prefers SEPs that meet one or more of the following criteria:

- Provide direct emissions or exposure reductions,
- Benefit disadvantaged communities,
- Provide community benefits in addition to furthering ARB's purpose of cleaning the air, and/or
- Address multiple environmental problems (such as SEPs that have water, soil, or other environmental benefits in addition to air benefits).

DISCUSSION

In May 2018, the Air District submitted a SEP proposal to CARB entitled "Installation of Air Filtration Systems in Sensitive Receptor Facilities in Bay Area CARE Communities." This SEP proposed to install and maintain high-performance air filtration systems in sensitive receptor facilities (such as schools, community centers, senior residences, hospitals and similar) located in communities impacted by air pollution, especially Environmental Justice and/or Disadvantaged Communities (including AB 617 communities) disproportionately impacted by air pollution. The Air District is proposing to work with the regional health departments throughout the Bay Area Regional Health Inequities Initiative (BARHII) to help prioritize locations and types of projects.

The Air District was notified in mid-August that our proposal "Installation of Air Filtration Systems in Sensitive Receptor Facilities in Bay Area CARE Communities" was selected for funding to the amount of \$2 million. In order to move forward with this SEP, the Air District must sign the SEP agreement, requiring the Air District to complete this project within 30 months, and must accept the \$2 million in funds.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. Administrative costs may be included as needed in the SEP.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Elizabeth Yura
Reviewed by: Greg Nudd

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Consider Establishing New Job Classifications

RECOMMENDATION

Consider establishing a new job classification of Principal Air Quality Instrument Specialist at Salary Range 136 and Senior Human Resources Analyst at Salary Level 138.

BACKGROUND

The Air District's (District) classification plan contains entry/journey, senior, principal and supervisory levels in the District's job classification system. This system provides various levels of responsibility in any given job classification, provides growth, development and succession planning opportunities to staff and allows jobs to be clearly distinguished.

Currently, the Air Quality Instrument Specialist classification series does not include a principal level and the Human Resources Analyst classification series does not include a senior level. There is a need to expand these series, which is consistent with other positions in the classification plan.

DISCUSSION

The Principal Air Quality Instrument Specialist is designed to perform the most complex and highly specialized level of assigned air monitoring, quality assessment, source test technical work, and other assigned programs and lead staff on a project basis.

The Senior Human Resources Analyst job classification is designed to provide lead direction and perform the more complex human resources program functions in the areas of recruitment and selection, classification and compensation, benefits, payroll, training and organizational development, labor relations, worker's compensation and safety, equal employment opportunities, and other assigned areas.

These newly created job classifications will assist the District in its succession planning, staff development and growth and allow staff mobility and promotional opportunities within the agency.

The Principal Air Quality Instrument Specialist is a position that is represented by the Employees' Association (EA). The District has met and conferred with the EA and have agreed to the classification description attached.

BUDGET CONSIDERATION/FINANCIAL IMPACT

There is no budget impact beyond that already contemplated in the fiscal year ending 2019 budget. This recommendation will not increase full-time equivalents (FTEs).

Respectfully Submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Judy Yu
Reviewed by: Rex Sanders

Attachment 12A: Principal Air Quality Instrument Specialist Job Classification Description
Attachment 12B: Senior Human Resources Analyst Job Classification Description

PRINCIPAL AIR QUALITY INSTRUMENT SPECIALIST

DEFINITION

Under direction, performs the most complex and highly specialized level of assigned air monitoring, quality assessment, source test technical work, or other assigned programs and may lead staff on a project basis or lead project team; performs related work as assigned.

DISTINGUISHING CHARACTERISTICS

This class provides the most complex and specialized air monitoring, quality assessment or source test technical activities in support of the District's goals and objectives. Incumbents are responsible for providing project leadership and developing complex air monitoring, quality assessment or source test programs, technical research and documentation, and technical procedural development, documentation, and training. Incumbents are expected to be able to perform duties requiring considerable technical knowledge and the use of independent judgement. This class is distinguished from the Supervising Air Quality Instrument Specialist in that the latter supervises assigned staff on a continuing basis and conducts performance appraisals.

EXAMPLES OF DUTIES (Illustrative Only)

Researches and analyzes new technology, procedures, regulations relevant to air monitoring, quality assessment, or source test activities and makes recommendations to management regarding the implementation process.

Leads the procurement, testing, and implementation of new technology and develops operating procedures for new and existing technology.

Leads the development of special study designs by providing input on technical implementation details. Develops study specific procedures for field staff and provides training as needed.

Advises on testing, diagnosis, and repair of non-routine equipment problems. Works with instrument manufacturers to solve instrument problems caused by design, supply, or implementation issues.

Evaluates data to ensure that quality control standards are met, and quality control systems are functioning appropriately to ensure robust data is being produced. Suggests changes to the quality system necessary to correct or prevent data quality issues.

Works with the data management team to ensure that data systems meet the needs of the District in compliance with local, state and federal regulations for the storage, processing, and transmittal of regulatory data.

Performs complex duties involving installation, operation, maintenance, calibration and repair of air monitoring and source testing equipment and instruments including instrumentation used in air monitoring, quality assessment and source test technical work.

Advises on the development, implementation, and evaluation of new federal programs and makes recommendations to ensure that existing programs continue to comply with federal requirements.

Evaluates and makes recommendations to ensure that all non-federal programs are following applicable regulations in support of the District's goals and objectives.

Works with outside contractors to provide specialized air quality measurements.

Maintains detailed technical records and logbooks.

QUALIFICATIONS

NOTE: The level and scope of the knowledges, skills and abilities listed below are related to job duties as defined under Distinguishing Characteristics.

Knowledge of:

Basic lead/supervisory principles and practices.

Principles of chemistry, physics and electronics.

Principles, methods and techniques of air quality measurement, record-keeping and data analysis.

The construction and use of scientific measuring instruments.

Methods, practices, and tools used in installing, operating, calibrating, modifying, maintaining, repairing, testing and adjusting electro-mechanical, pressure, electronic and other types of scientific/analytical recording and measuring devices.

Methods, techniques and equipment used in ambient air sampling, ambient air monitoring, quality control, quality assessment, and source test sampling.

Applicable District, state and federal laws, rules and regulations regarding ambient air monitoring, quality assessment/quality control or source testing.

Knowledge of safe work methods and practices.

Skill in:

Assembling, installing, operating, maintaining, troubleshooting and repairing scientific measuring devices and supporting equipment.

Planning, directing and reviewing the project work.

Training others in work procedures.

Organizing, coordinating and prioritizing work activities while meeting crucial deadlines.

Learning, understanding, interpreting and applying technical rules and regulations.

Maintaining accurate records and organizing, researching and maintaining office files.

Communicating effectively orally and in writing.

Preparing clear and concise reports, data summaries and other written and graphic documents.

Evaluating, editing and correcting gaseous, particulate and meteorological data utilizing a variety of computer software.

Working with other staff and working independently with minimal supervision.

Diagnosing and implementing solutions to correct technical problems.

Other Requirements:

Must possess a valid California driver's license.

Some positions require the physical strength and agility to climb ladders or towers and smokestacks while carrying equipment and tools under adverse meteorological and air quality conditions, to work at heights of up to 150 feet, and to move cylinders of compressed gas weighing up to 120 pounds with assistance.

Education and Experience:

A typical way to obtain the knowledge, skills and abilities required for this position is:

Equivalent to a Bachelor's Degree from an accredited college or university with major coursework in electronics, chemistry, engineering, physics, meteorology or a closely related field and four years of experience as described below; OR an Associate Degree or equivalent from an accredited college in electronics, chemistry, engineering, physics, meteorology or a closely related field and six years of experience installing, operating and maintaining a variety of mechanical and electronic scientific measuring instrumentation, including specialized air monitoring instrumentation or source test technical equipment; OR any combination of training and experience that provides the desired knowledge and abilities.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

JULY 2018

SENIOR HUMAN RESOURCES ANALYST

DEFINITION

Under direction, provides lead direction and performs the more complex human resources program functions in the areas of recruitment and selection, classification and compensation, benefits, payroll, training and organizational development, labor relations, worker's compensation and safety, equal employment opportunities, and other areas as assigned; and performs related work as assigned.

DISTINGUISHING CHARACTERISTICS

This is the advanced lead level in the human resource analyst series. Incumbents may provide lead direction and may be assigned to perform the more complex duties. This class is distinguished from the Supervising Human Resources Analyst in that the latter assigns, supervises, reviews and evaluates the work of assigned staff. This class is distinguished from Human Resources Analyst I/II, which is at the journey level, and does not typically perform lead work or the most complex duties.

EXAMPLES OF DUTIES (Illustrative Only)

Develops, leads, implements, and administers human resources programs, projects, policies and procedures.

Coordinates and performs special projects and analysis and composes correspondence and reports related to specialized areas of personnel management.

Provides accurate information to employees and effective consultation to management staff on employee relations and other personnel-related matters, including interpretation and application of various District policies and procedures such as the MOU and Administrative Code.

Monitors, researches and analyzes current and proposed policies, regulations and legislation; analyzes the impact; makes findings and recommendations.

Serves in a lead capacity in grievance meetings and conducts investigations as assigned; develops and evaluates facts and recommends District positions and/or actions, composes reports and correspondence related to grievances and investigations; Prepares and develops supporting materials and documentation for hearings, mediations, and arbitrations. Works with employees and supervisors/managers to resolve personnel-related issues; identifies additional resources and processes needed for effective resolution as needed.

Participates in the meet and confer process and negotiations analyzes and develops the language for labor proposals; conveys District's positions in meet and confer meetings as assigned; compiles, compares, analyzes, and summarizes salary and benefits data for contract negotiations.

Prepares human resources related Board/Committee agenda items; develops and prepares presentation materials; serves as subject matter resource at Board/Committee and presents agenda item to the Board/Committee as assigned.

Develops and recommends outreach, recruitment, and selection strategies and procedures that comport with merit-based principles and public personnel practices; conducts recruitment and selection activities including, but not limited to, consulting with hiring managers to determine recruitment needs and advising them on the recruitment process, developing and preparing recruitment plans, vacancy announcements and examination materials, evaluating candidates, validating test methods, monitoring processes for

compliance with all applicable laws, rules, and procedures, evaluating and recommending responses to appeals or protests, and developing recommendations to address any necessary corrective action.

Maintains District's classification and compensation plan; conducts compensation studies; desk audits; prepares and revises class specifications; prepares necessary paperwork for the Board to adopt revised class specifications.

Analyzes and develops strategies to reduce benefit costs and/or improve processes while maintaining or improving benefit or service levels; analyzes and reviews benefit contracts for renewal, legal compliance, and daily administration; trouble shoots benefit problems relating to contract or policy disputes or compliance issues with employees, vendors, and/or broker.

Develops the District's training curriculum to enhance organizational and employee development; conducts training assessments and recommends appropriate courses or action; coordinates training activities; presents training.

Represents the Human Resources Office and the District in meetings, conferences, workshops, trainings and other forums; confers with representatives of other governmental jurisdictions.

Develops strategies to address Equal Employment Opportunity concerns/issues; advises management on policy; prepares, updates and monitors Equal Employment Opportunity Plan

Administers District's workers' compensation program; develops strategies to reduce work-related injuries and associated costs; analyzes program effectiveness; prepares required reports to maintain State compliance; performs work station evaluations; reports and monitors work related injuries; provides consultation to managers on options to return employees to works.

Maintains the District's Human Resources Information System and database; prepares reports. Assists management staff in the formulation of policy, goals and objectives, and the annual budget.

May provide day-to-day lead direction to other professional, paraprofessional and clerical staff and review their work on special projects as assigned.

QUALIFICATIONS

Knowledge of:

Principles and practices of public personnel administration relating to employee relations, position classification, wage and salary administration, job analysis, test development and administration, personnel selection, training and organizational development, employee group benefit plans, equal employment opportunity and affirmative action and workers' compensation and safety.

Applicable Federal, State and local laws, codes, regulations and guidelines.

Organizational and administrative research analysis and methodology, including statistical research and presentation methods and techniques.

Techniques and practices for composing reports and correspondence.

Practices and procedures of office management, basic business data processing principles, and the use of word processing and other business software and personal computer equipment.

Skill in:

Applying the principles and practices of public personnel administration.

Analyzing, researching, interpreting, evaluating, summarizing, and explaining policies, procedures, laws, rules, regulations, statistical data, and other written materials.

Analyzing situations, evaluating alternatives, and recommending effective courses of action.

Developing and implementing assigned projects and programs, assembling and analyzing data and preparing reports without detailed instructions.

Effective oral and written communication with people at all levels of the organization.

Maintaining required confidentiality in carrying out assignments, studies, and projects.

Maintaining effective performance under stressful conditions such as meeting deadlines while handling multiple projects.

Establishing and maintaining effective working relationships with those contacted in the course of the work.

Critical thinking and problem solving

Exercising sound independent judgment.

Education and Experience:

A typical way to obtain the knowledge and skill is:

Equivalent to graduation from a four year college or university with major coursework in human resources, public or business administration, or a closely related field, **and four** years of experience performing professional and analytical human resources work in employee relations and at least two (2) of the following human resources programs: labor relations, classification and compensation, recruitment and selection, employee benefits, payroll, employee training and organizational development, workers' compensation and safety, and equal employment opportunities. Experience performing these functions in a public agency setting is desirable.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Consider Authorizing the Executive Officer/APCO to Issue a Purchase Order for \$1,238,000 for Technical and Business (T&B) Systems to Continue Operation and Maintenance of the BioWatch Monitoring Network through June 30, 2019 as Outlined in a Grant from the Department of Homeland Security

RECOMMENDED ACTION

The Board of Directors will consider authorizing the Executive Officer/APCO to issue a Purchase Order for \$1,238,000 for Technical and Business (T&B) Systems to continue operation and maintenance of the BioWatch monitoring network through June 30, 2019 as outlined in a grant from the Department of Homeland Security.

DISCUSSION

The BioWatch program began in February of 2003 with eight locations in the San Francisco area. In July of 2003, the network expanded to include six additional sites in the San Jose area. The operational demands of this network necessitated the use of a contractor and a Request for Quotation (RFQ) was sent to five qualified contractors. Staff received proposals from three contractors who responded to the RFQ. After a thorough evaluation, the contract was awarded to T&B Systems. In 2006, the network was again expanded to a total of 32 sites located throughout the Bay Area and additional grant funding was incorporated into the budget. The latest contract with T&B Systems was approved by the Board of Directors for a year period beginning July 1, 2014.

In 2018, a Request for Qualifications (RFQ) based on the current scope of work for operation and maintenance of the BioWatch Network was released following standard Air District guidelines and requirements. Only one entity, T&B Systems, responded to the request. As a result, staff recommended, and the Board of Directors approved a two-year continuing contract ending on June 30, 2019 with T&B Systems for operating and maintaining the BioWatch Network based on their response to the RFQ and their performance over past years.

The purchase order under consideration covers operation of the network through the end of the second year of the contract (through June 30, 2019). This purchase order will not exceed the amount of the grant award from the Department of Homeland Security.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funds for this purchase order are from a Homeland Security grant that covers operation of the existing network and the associated Air District costs of administering the program. There will be no financial impact to the Air District's general revenue resources.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Eric Stevenson
Reviewed by: Wayne Kino

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and
Members of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: Update on Evaluation of Best Available Retrofit Control Technology (BARCT) for
Cap-and-Trade Industrial Sources, and Identification of Potential Rule Development
Projects

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Recently adopted legislation, Assembly Bill 617 (AB 617), requires air districts to focus on communities disproportionately impacted by air pollution, such as those communities identified under the Air District's Community Air Risk Evaluation (CARE) Program. AB 617 also requires air districts in non-attainment of ambient air quality standards to conduct a Best Available Retrofit Control Technology (BARCT) evaluation of sources at industrial facilities subject to the AB 32 Cap-and-Trade program and determine which sources are suitable for rule development.

In conducting this evaluation, Air District staff developed a list of potentially affected facilities, sources, and emissions from the 2016 Reporting Year Emissions Inventory. This evaluation indicated that the Bay Area has 19 industrial facilities subject to Cap-and-Trade, which encompass 1,899 individual sources in 50 source categories. Staff's process for developing the schedule of potential rule development projects involved:

- 1) Look at sources for greatest potential emission reductions;
- 2) Prioritizing sources not already subject to recent BARCT rules;
- 3) Conducting preliminary BARCT evaluations; and
- 4) Identifying and prioritizing potential BARCT rule development projects.

Six potential rule development projects have been identified as candidates for the Expedited BARCT Implementation Schedule. Potential Rule Development Projects include organic liquid storage tanks (ROG), refinery wastewater treating (ROG), cement manufacturing (PM and SO₂), refinery fluid catalytic crackers and CO boilers (PM and SO₂), refinery heavy liquid leaks (ROG), and coke calcining (NO_x).

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Guy Gimlen
Reviewed by: Elizabeth Yura

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Hudson and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 22, 2018

Re: The Legal Framework for the Air District

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Several Board members have requested information on aspects of the Air District's legal authority. This presentation will provide an overview of the topic.

DISCUSSION

Staff will discuss the legal framework in which the Air District operates and the legal authorities granted, and obligations imposed by that framework.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Brian C. Bunger